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(Part II begins on page 5001)

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Automotive Agreement Adjustment Assistance Board
Civil Aeronautics Board
Civil Service Commission
Commodity Credit Corporation
Consumer and Marketing Service
Customs Bureau
Economic Opportunity Office
Employment Security Bureau
Engineers Corps
Federal Aviation Agency
Federal Communications Commission
Federal Crop Insurance Corporation
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Health, Education, and Welfare Department
International Commerce Bureau
Justice Department
Post Office Department
Securities and Exchange Commission
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Wage and Hour Division

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# CODE OF FEDERAL REGULATIONS

(As of January 1, 1967)

Title 16—Commercial Practices (Part 150–End)
(Revised) $1.25

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(Pocket Supplement) $0.50

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# Rules and Regulations

## Title 5—ADMINISTRATIVE PERSONNEL

### Chapter I—Civil Service Commission

### PART 630—ABSENCE AND LEAVE

### Subpart G—Shore Leave

A new Subpart G is added to Part 630 to provide regulations for administration of shore leave for employees serving on oceangoing vessels. The new regulations, effective November 2, 1966, are set out below.

Subpart G—Shore Leave

Sec.
630.701 Coverage.
630.702 Definitions.
630.703 Computation of shore leave.
630.704 Granting shore leave.

AUTHORITY: The provisions of this Subpart G issued under 5 U.S.C. 6305(c).

**§ 630.701 Coverage.**

This subpart applies to an employee as defined in section 6301 of title 5, United States Code, who is regularly assigned to duties aboard an oceangoing vessel. An employee is considered to be regularly assigned when his continuing duties are such that all or a significant part of them require that he serve aboard an oceangoing vessel. Temporary assignments of a shore-based employee, such as for limited work projects or for training, do not constitute a regular assignment.

**§ 630.702 Definitions.**

(a) "Oceangoing vessel" means a vessel in use on the high seas or the Great Lakes; but does not include a vessel which operates primarily on rivers, other lakes, bays, sounds or within the 3-nautical-mile limit of the coastal area of the 48 contiguous States, except when used in mapping, charting, or surveying operations or when in or sailing to or from foreign, territorial, Hawaiian, or Alaskan waters, or waters outside its normal area of operations or outside the 3-nautical-mile limit.

(b) "Voyage" means the sailing of an oceangoing vessel from one port and its return to that port or the final port of discharge.

(c) "Extended voyage" means a voyage of not less than 7 consecutive calendar days duration.

(d) "Shore leave" means leave authorized by section 6305(c) of title 5 of the United States Code, and this subpart.

**§ 630.703 Computation of shore leave.**

(a) An employee earns shore leave at the rate of 1 day of shore leave for each 15 calendar days of absence on one or more extended voyages.

(b) (1) For an employee who is an officer or crewmember, a voyage begins either on the date he assumes his duties aboard an oceangoing vessel to begin preparation for a voyage or on the date he comes aboard when a voyage is in progress. The voyage terminates on the date he ceases to be an officer or crewmember of the oceangoing vessel or on the date on which he is released from assignment of his duties relating to that voyage aboard the oceangoing vessel at the port of origin or port of final discharge, whichever is earlier.

(2) For an employee other than an officer or crewmember, a voyage begins on the date of sailing and terminates on the date the oceangoing vessel returns to a port at which the employee will disembark in completion of his assignment aboard the vessel, or on the date he is released from his assignment aboard the vessel, whichever is earlier.

(c) In computing days of absence, an agency shall include (1) the beginning date of a voyage and the termination date of a voyage; (2) the days an employee spends traveling to join an oceangoing vessel to which assigned when the vessel is at a place other than the port of origin; (3) the days an employee spends traveling between oceangoing vessels when the employee is assigned from one vessel to another; (4) the period representing the number of days within which an employee is reasonably expected to return to the port of origin when his oceangoing vessel's voyage is terminated, or his employment as an officer or crewmember is terminated, at a port other than the port of origin; (5) for an employee who is an officer or crewmember, the days on which he is on sick leave when he becomes sick during a voyage (whether or not continued as a member of the crew) but not beyond the termination date of the voyage of the oceangoing vessel or his repatriation to the port of origin, whichever is earlier; (6) for an employee other than an officer or crewmember, the days on which he is carried on sick leave but not beyond the date on which he returns to the port of origin or the termination date of the voyage, whichever is earlier; and (7) the days of approved leave from a vessel (paid or unpaid) during a voyage.

**§ 630.704 Granting shore leave.**

(a) *Authority.* (1) An employee has an absolute right to use shore leave, subject to the right of the head of the agency to fix the time at which shore leave may be used.

(2) Shore leave may be granted during a voyage only when requested by an employee.

(3) An employee shall submit his request for shore leave in writing and whenever an employee's request for shore leave is denied, the denial shall be in writing.

(b) *Accumulation.* Shore leave is in addition to annual leave and may be accumulated for future use without limitation.

(c) *Charge for shore leave.* The minimum charge for shore leave is one day and additional charges are in multiples thereof.

(d) *Lump-sum payment.* Shore leave may not be the basis for lump-sum payment on separation from the service.

(e) *Terminal leave.* (1) Except as provided by subparagraph (2) of this paragraph, an agency shall not grant shore leave to an employee as terminal leave. For the purpose of this paragraph terminal leave is approved absence immediately before an employee's separation when an agency knows the employee will not return to duty before the date of his separation.

(2) An agency shall grant shore leave as terminal leave when the employee's inability to use shore leave was due to circumstances beyond his control and not due to his own act or omission.

(f) *Forfeiture of shore leave.* Shore leave not granted before (1) separation from the service, or (2) official assignment (other than by temporary detail) to a position in which the employee does not earn shore leave, is forfeited. When an official assignment will result in forfeiture of shore leave, the agency to the extent administratively practicable shall give an employee an opportunity to use the shore leave he has to his credit either before the reassignment or not later than 6 months after the date of his reassignment when the agency is unable to grant the shore leave before the reassignment.

UNITED STATES CIVIL SERVICE COMMISSION,
[SEAL] JAMES C. SPRY,
*Executive Assistant to the Commissioners.*

[F.R. Doc. 67-3332; Filed, Mar. 27, 1967; 8:46 a.m.]

## Title 7—AGRICULTURE

### Chapter IV—Federal Crop Insurance Corporation, Department of Agriculture

### PART 401—FEDERAL CROP INSURANCE

### Subpart—Regulations for the 1961 and Succeeding Crop Years

APPENDIX; DISCONTINUANCE OF INSURANCE IN COUNTY PREVIOUSLY DESIGNATED FOR CORN CROP INSURANCE

The county listed below is hereby deleted from the list of counties published in the FEDERAL REGISTER on February 1, 1967 (32 F.R. 1123), which were designated for corn crop insurance for the 1967 crop year pursuant to the authority contained in § 401.1 of the above-identified regulations.

TENNESSEE

Dyer.

(Secs. 506, 516, 52 Stat. 73, as amended, 77, as amended; 7 U.S.C. 1506, 1516)

[SEAL] JOHN N. LUFT,
*Manager,*
*Federal Crop Insurance Corporation.*

[F.R. Doc. 67-3348; Filed, Mar. 27, 1967; 8:47 a.m.]

## PART 411—GRAPE CROP INSURANCE

### Subpart—Regulations for the 1967 and Succeeding Crop Years

APPENDIX; COUNTIES DESIGNATED FOR GRAPE CROP INSURANCE

Pursuant to authority contained in § 411.1 of the above-identified regulations, the following counties are hereby added to the list of counties published February 1, 1967 (32 F.R. 1124), which were designated for grape crop insurance for the 1967 crop year.

NEW YORK

Niagara.

PENNSYLVANIA

Erie.

(Secs. 506, 516, 52 Stat. 73, as amended, 77, as amended; 7 U.S.C. 1506, 1516)

[SEAL] JOHN N. LUFT,
*Manager,*
*Federal Crop Insurance Corporation.*

[F.R. Doc. 67-3349; Filed, Mar. 27, 1967; 8:47 a.m.]

## Chapter VII—Agricultural Stabilization and Conservation Service (Agricultural Adjustment), Department of Agriculture

SUBCHAPTER B—FARM MARKETING QUOTAS AND ACREAGE ALLOTMENTS

## PART 729—PEANUTS

### Subpart—Additional Allotments for Valencia Type Peanuts—1967–68 Marketing Year

*Basis and purpose.* The provisions of § 729.1804 are issued under section 358(c)(2) of the Agricultural Adjustment Act of 1938, as amended (7 U.S.C. 1358(c)(2)). The purpose of § 729.1804 is to make a determination on the basis of the average yield per acre of Valencia type peanuts during the 5-year period 1962–66, adjusted for trends in yields and abnormal conditions of production affecting yields, that the supply of Valencia type peanuts for the 1967–68 marketing year will be insufficient to meet the estimated demand for cleaning and shelling purposes at prices at which the Commodity Credit Corporation may sell for such purposes peanuts owned or controlled by CCC. The State allotments for States producing Valencia type peanuts are increased in order to meet such demand. The latest available statistics of the Federal Government were used in making these determinations.

Notice of the proposed determinations with respect to Valencia type peanuts under section 358(c)(2) of the act was published in accordance with 5 U.S.C. 553 (80 Stat. 383) in the FEDERAL REGISTER of February 15, 1967 (32 F.R. 2896). The recommendations received in response to such notice were considered and adopted to the extent permitted by the act. In order that peanut farmers may be notified as soon as possible of any increases of farm allotments for the 1967 crop, it is essential that § 729.1804 be made effective as soon as possible. Accordingly, it is hereby determined and found that compliance with the 30-day effective date requirement of 5 U.S.C. 553 is impracticable and contrary to the public interest and § 729.1804 shall be effective upon filing of this document with the Director, Office of the Federal Register.

**§ 729.1804 Additional allotments for Valencia type peanuts of the 1967 crop.**

(a) The term "Valencia type peanuts" means the type of peanuts as defined in § 729.1413(c) of the Allotment and Marketing Quota Regulations for Peanuts of the 1963 and Subsequent Crops (27 F.R. 11920, as amended). It is hereby determined that the supply of Valencia type peanuts for the 1967–68 marketing year (August 1, 1967, through July 31, 1968), determined in accordance with section 358(c)(2) of the act will be insufficient to meet the estimated demand for Valencia type peanuts for cleaning and shelling purposes at prices at which the Commodity Credit Corporation may sell for such purposes peanuts owned or controlled by it.

(b) State allotment increases for 1967 crop: The State allotments for peanuts of the 1967 crop for States which produced Valencia type peanuts during any one or more of the years 1964, 1965, and 1966 shall be increased in the aggregate by 2,780 acres which is determined to be the additional acreage required to meet the estimated demand for Valencia type peanuts for cleaning and shelling purposes at the price at which CCC may sell for such purposes peanuts owned or controlled by it.

(c) Apportionment of allotment increase to States for 1967 crop: The aggregate of State allotment increases in the amount of 2,780 acres established under paragraph (b) of this section, less a national reserve of one-fourth of 1 percent (7 acres), is hereby apportioned to States on the basis of the average acreage of Valencia type peanuts in each State in 1964, 1965, and 1966. For this purpose, the term "farm allotment" means the allotment before any increase from released acreage or any additional allotment for the farm under section 358(c)(2) of the act in the 3 base years. The national reserve of 7 acres shall be used by the Deputy Administrator to adjust the State allotments of States receiving increases under this section where incomplete or inaccurate data was used in apportioning such increases. The apportionment of additional allotment under this paragraph does not increase the State allotment for any State above the 1947 harvested acreage of peanuts for such State. The following table sets forth the apportionment to States.

[Acres]

| State | 1947 harvested acreage of peanuts | 1964–66 average acreage Valencia type peanuts | 1967 increase in basic State allotment for Valencia type peanuts | 1967 previous State allotment [1] | 1967 revised State allotment |
|---|---|---|---|---|---|
| Alabama | 463,000 | 32.7 | 11 | 217,525.5 | 217,536.5 |
| Arizona | | | | 714.0 | 714.0 |
| Arkansas | 8,000 | | | 4,198.0 | 4,198.0 |
| California | | | | 991.4 | 991.4 |
| Florida | 105,000 | 37.0 | 12 | 55,386.2 | 55,398.2 |
| Georgia | 1,124,000 | 25.0 | 8 | 528,835.0 | 528,843.0 |
| Louisiana | 4,000 | | | 1,953.0 | 1,953.0 |
| Mississippi | 13,000 | 35.7 | 12 | 7,320.0 | 7,332.0 |
| Missouri | | | | 247.0 | 247.0 |
| New Mexico | 14,000 | 7,779.3 | 2,602 | 5,623.0 | 8,225.0 |
| North Carolina | 292,000 | 1.7 | 1 | 168,441.0 | 168,442.0 |
| Oklahoma | 325,000 | | | 138,574.8 | 138,574.8 |
| South Carolina | 26,000 | 9.7 | 3 | 13,871.0 | 13,874.0 |
| Tennessee | 5,000 | 75.3 | 25 | 3,621.3 | 3,646.3 |
| Texas | 830,000 | 295.7 | 99 | 357,290.8 | 357,389.8 |
| Virginia | 162,000 | | | 105,199.0 | 105,199.0 |
| National reserve [2] | | | 7 | | 7.0 |
| U.S. total | 3,377,000 | 8,292.1 | 2,780 | 1,610,000.0 | 1,612,780.0 |

[1] Including the acreage apportioned from the reserve for new farm allotments on the basis of approved applications for new farms, as follows (acres): Alabama—23.5; California—57.4; Florida—93.2; Georgia—807.0; New Mexico—37.0; North Carolina—20.0; Oklahoma—145.8; South Carolina—2.0; Tennessee—19.2; Texas—384.8.

[2] For correcting or adjusting State allotments in error because of incomplete or inaccurate data.

Estimated production from the Valencia acreage increase: New Mexico—5,789,450 pounds; other States—174,075 pounds.

(d) No credit for future allotments: The additional allotment apportioned under this section is in addition to the national acreage allotment, the production from such acreage is in addition to the national marketing quota and such additional allotment shall not be considered in establishing future State, county, or farm acreage allotments.

(Secs. 358(c)(2), 375, 65 Stat. 29, 52 Stat. 66, as amended; 7 U.S.C. 1358(c)(2), 1375)

*Effective date.* Date of filing this document with the Director, Office of the Federal Register.

Signed at Washington, D.C., on March 23, 1967.

H. D. GODFREY,
*Administrator, Agricultural Stabilization and Conservation Service.*

[F.R. Doc. 67-3327; Filed, Mar. 24, 1967; 8:49 a.m.]

## Chapter IX—Consumer and Marketing Service (Marketing Agreements and Orders; Fruits, Vegetables, Nuts), Department of Agriculture

[Orange Reg. 55, Amdt. 2]

## PART 905—ORANGES, GRAPEFRUIT, TANGERINES, AND TANGELOS GROWN IN FLORIDA

### Limitation of Shipments

*Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 905, as amended (7 CFR Part 905, 31 F.R. 15059), regulating the handling of oranges, grapefruit, tangerines, and tangelos grown in Florida, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601–674), and upon the basis of the recommendations of the committees established under the aforesaid amended marketing agreement and order, and upon other available information, it is hereby found that the limitation of shipments of Temple and Murcott Honey oranges, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this amendment until 30 days after publication in the FEDERAL REGISTER (5 U.S.C. 553 (1966)) because the time intervening between the date when information upon which this amendment is based became available and the time when this amendment must become effective in order to effectuate the declared policy of the act is insufficient; and this amendment relieves restrictions on the handling of Temple and Murcott Honey oranges grown in Florida.

*Order.* The provisions of paragraph (a)(2) in § 905.490 (Orange Regulation 55; 31 F.R. 15189, 15584) are hereby amended in the following respects:

The provisions of (a)(2) immediately preceding subdivision (i) thereof (a)(2)(iii) and (a)(2)(v) are amended to read as follows:

**§ 905.490 Orange Regulation 55.**

(a) *Order.* (1) * * *

(2) During the period beginning at 12:01 a.m., e.s.t., March 24, 1967, and ending at 12:01 a.m., e.s.t., August 1, 1967, no handler shall ship between the production area and any point outside thereof in the continental United States, Canada, or Mexico;

* * * * *

(iii) Any Temple oranges, grown in the production area, which do not grade at least U.S. No. 2 Russet; or

* * * * *

(v) Any Murcott Honey oranges, grown in the production area, which do not grade at least U.S. No. 2; or

* * * * *

(Secs. 1–19, 48 Stat. 31, as amended; 7 U.S.C. 601–674)

Dated: March 23, 1967, to become effective at 12:01 a.m., e.s.t., March 24, 1967.

PAUL A. NICHOLSON,
*Deputy Director, Fruit and Vegetable Division, Consumer and Marketing Service.*

[F.R. Doc. 67-3344; Filed, Mar. 27, 1967; 8:47 a.m.]

[Grapefruit Reg. 16]

## PART 906—ORANGES AND GRAPEFRUIT GROWN IN LOWER RIO GRANDE VALLEY IN TEXAS

### Limitation of Shipments

*Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 906, as amended (7 CFR Part 906, 31 F.R. 10461), regulating the handling of oranges and grapefruit grown in the Lower Rio Grande Valley in Texas, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601–674), and upon the basis of the recommendation of the Texas Valley Citrus Committee, established under the aforesaid marketing agreement and order, and upon other available information, it is hereby found that the limitation of shipments of grapefruit, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this regulation until 30 days after publication thereof in the FEDERAL REGISTER (5 U.S.C. 553 (1966)) because the time intervening between the date when information upon which this regulation is based became available and the time when this regulation must become effective in order to effectuate the declared policy of the act is insufficient; a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after an open meeting of the Texas Valley Citrus Committee on March 21, 1967; such meeting was held to consider recommendations for regulation, after giving due notice of such meeting, and interested persons were afforded an opportunity to submit their views at this meeting; the provisions of this regulation, including the effective time hereof, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such grapefruit; it is necessary, in order to effectuate the declared policy of the act, to make this regulation effective during the period hereinafter set forth so as to provide for the continued regulation of the handling of grapefruit; and compliance with this regulation will not require any special preparation on the part of the persons subject thereto which cannot be completed by the effective time hereof.

**§ 906.332 Grapefruit Regulation 16.**

(a) *Order.* (1) During the period beginning at 12:01 a.m., c.s.t., April 1, 1967, and ending at 12:01 a.m., c.s.t., September 15, 1967, no handler shall handle:

(i) Any container of grapefruit of any variety, grown in the production area, unless such grapefruit grade U.S. Fancy; U.S. No. 1 Bright; U.S. No. 1; U.S. No. 1 Bronze; U.S. Combination, with not less than 60 percent, by count, of the grapefruit in each container thereof grading at least U.S. No. 1 grade; or U.S. No. 2;

(ii) Any grapefruit of any variety, grown in the production area, which are of a size smaller than $3^{3}/_{16}$ inches in diameter, except that not more than 10 percent, by count, of such grapefruit in any lot of containers, and not more than 15 percent, by count, of such grapefruit in any individual container in such lot, may be of a size smaller than $3^{3}/_{16}$ inches in diameter; or

(iii) Any grapefruit of any variety, grown as aforesaid, for which inspection is required unless an appropriate inspection certificate has been issued with respect thereto not more than 48 hours prior to the time of shipment.

All grapefruit of any variety, grown as aforesaid, handled during the period specified in this section are subject to all applicable container and pack requirements which are in effect pursuant to the aforesaid marketing agreement and order during such period.

(2) Terms used in the marketing agreement and order shall, when used herein, have the same meaning as is given to the respective term in said marketing agreement and order; and terms relating to grade and diameter, when used herein, shall have the same meaning as is given to the respective term in the U.S. Standards for Grapefruit (Texas and States other than Florida, California, and Arizona) (7 CFR 51.620–51.685).

(Secs. 1–19, 48 Stat. 31, as amended; 7 U.S.C. 601–674)

Dated: March 23, 1967.

PAUL A. NICHOLSON,
*Deputy Director, Fruit and Vegetable Division, Consumer and Marketing Service.*

[F.R. Doc. 67-3347; Filed, Mar. 27, 1967; 8:47 a.m.]

[Orange Reg. 15]

## PART 906—ORANGES AND GRAPEFRUIT GROWN IN LOWER RIO GRANDE VALLEY IN TEXAS

### Limitation of Shipments

*Findings.* (1) Pursuant to the marketing agreement, as amended, and Order No. 906, as amended (7 CFR Part 906, 31 F.R. 10461), regulating the handling of oranges and grapefruit grown

in the Lower Rio Grande Valley in Texas, effective under the applicable provisions of the Agricultural Marketing Agreement Act of 1937, as amended (7 U.S.C. 601–674), and upon the basis of the recommendation of the Texas Valley Citrus Committee, established under the aforesaid marketing agreement and order, and upon other available information, it is hereby found that the limitation of shipments of oranges, as hereinafter provided, will tend to effectuate the declared policy of the act.

(2) It is hereby further found that it is impracticable and contrary to the public interest to give preliminary notice, engage in public rule-making procedure, and postpone the effective date of this regulation until 30 days after publication thereof in the FEDERAL REGISTER (5 U.S.C. 553 (1966)) because the time intervening between the date when information upon which this regulation is based became available and the time when this regulation must become effective in order to effectuate the declared policy of the act is insufficient; a reasonable time is permitted, under the circumstances, for preparation for such effective time; and good cause exists for making the provisions hereof effective as hereinafter set forth. The recommendation and supporting information for regulation during the period specified herein were promptly submitted to the Department after an open meeting of the Texas Valley Citrus Committee on March 21, 1967; such meeting was held to consider recommendations for regulation, after giving due notice of such meeting, and interested persons were afforded an opportunity to submit their views at this meeting; the provisions of this regulation, including the effective time hereof, are identical with the aforesaid recommendation of the committee, and information concerning such provisions and effective time has been disseminated among handlers of such oranges; it is necessary, in order to effectuate the declared policy of the act, to make this regulation effective during the period hereinafter set forth so as to provide for the continued regulation of the handling of oranges; and compliance with this regulation will not require any special preparation on the part of the persons subject thereto which cannot be completed by the effective time hereof.

**§ 906.333 Orange Regulation 15.**

(a) *Order.* (1) During the period beginning at 12:01 a.m., c.s.t., April 1, 1967, and ending at 12:01 a.m., c.s.t, September 15, 1967, no handler shall handle:

(i) Any oranges of any variety, grown in the production area, unless such oranges grade at least U.S. No. 3;

(ii) Any oranges of any variety, grown as aforesaid, which are of a size smaller than 2$\frac{5}{16}$ inches in diameter, except that not more than 10 percent, by count, of such oranges in any lot of containers, and not more than 15 percent, by count, of such oranges in any individual container in such lot may be of a size smaller than 2$\frac{5}{16}$ inches in diameter; or

(iii) Any oranges of any variety, grown as aforesaid, for which inspection is required unless an appropriate inspection certificate has been issued with respect thereto not more than 48 hours prior to the time of shipment.

All oranges of any variety, grown as aforesaid, handled during the period specified in this section are subject to all applicable container and pack requirements which are in effect pursuant to the aforesaid marketing agreement and order during such period.

(2) Terms used in the marketing agreement and order shall, when used herein, have the same meaning as is given to the respective terms in said marketing agreement and order; and terms relating to grade and diameter, when used herein, have the same meaning as is given to the respective terms in the U.S. Standards for Oranges (Texas and States other than Florida, California, and Arizona) (7 CFR 51.680–51.712).

(Secs. 1–19, 48 Stat. 31, as amended; 7 U.S.C. 601–674)

Dated: March 23, 1967.

PAUL A. NICHOLSON,
*Deputy Director, Fruit and Vegetable Division, Consumer and Marketing Service.*

[F.R. Doc. 67-3346; Filed, Mar. 27, 1967; 8:47 a.m.]

## Chapter XIV—Commodity Credit Corporation, Department of Agriculture

SUBCHAPTER B—LOANS, PURCHASES, AND OTHER OPERATIONS

[Amdt. 2]

## PART 1468—MOHAIR

### Subpart—Payment Program for Mohair

PAYMENT AND DEDUCTION RATES FOR 1966 MARKETING YEAR

The regulations issued by Commodity Credit Corporation containing the requirements with respect to the payment program for mohair, as amended (31 F.R. 5817, 15234), are further amended as follows:

1. In § 1468.258 the letter "(a)" is inserted immediately after the heading of that section and the following new paragraph (b) is added at the end of the section:

**§ 1468.258 Rate of payment.**

* * * * *

(b) The national average price received by producers for mohair marketed during the 1966 marketing year was 53.7 cents a pound, grease basis, which was 22.1 cents a pound below the price support level of 75.8 cents announced for that year. Therefore, the rate of payment for the 1966 marketing year is 41.2 percent.

**§ 1468.262 [Amended]**

2. In § 1468.262, the last sentence of paragraph (a), concerning applications filed by producers located in the States of Alaska and Hawaii, is deleted.

3. In § 1468.267, the letter "(a)" is inserted immediately after the heading of that section, and the following new paragraph (b) is added at the end of the section:

**§ 1468.267 Deductions for promotion.**

* * * * *

(b) For the 1966 marketing year, a deduction will be made from each payment at the rate of 1½ cents a pound of mohair, grease basis. Those funds will be used to finance advertising and sales promotion programs approved by the Department of Agriculture pursuant to section 708 of the National Wool Act of 1954, as amended.

(Sec. 4, 62 Stat. 1070, sec. 5, 62 Stat. 1072, secs. 702–708, 68 Stat. 910–912, as amended, secs. 401–403, 72 Stat. 994–995, sec. 151, 75 Stat. 306, sec. 201, 79 Stat. 1188; 15 U.S.C. 714b, 15 U.S.C. 714c, 7 U.S.C. 1781–1787, as amended)

Effective date: Date of publication.

Signed at Washington, D.C., on March 23, 1967.

H. D. GODFREY,
*Executive Vice President, Commodity Credit Corporation.*

[F.R. Doc. 67-3328; Filed, Mar. 27, 1967; 8:46 a.m.]

[Amdt. 2]

## PART 1472—WOOL

### Subpart—Payment Program for Shorn Wool and Unshorn Lambs (Pulled Wool)

PAYMENT RATES FOR 1966 MARKETING YEAR

The regulations issued by Commodity Credit Corporation containing the requirements with respect to the payment program for shorn wool and unshorn lambs (pulled wool), as amended (31 F.R. 4582, 15234), are further amended as follows:

1. In § 1472.1208 the letter "(a)" is inserted immediately after the heading of that section and the following new paragraph (b) is added at the end of the section:

**§ 1472.1208 Rate of payment.**

* * * * *

(b) The national average price received by producers for shorn wool marketed during the 1966 marketing year was 52.1 cents a pound, grease basis, which was 12.9 cents a pound below the price support level of 65 cents announced for that year. Therefore, the rate of payment for the 1966 marketing year is 24.8 percent.

2. In § 1472.1221 the following new paragraph (c) is added at the end of the section:

**§ 1472.1221 Price support payments.**

* * * * *

(c) *1966 marketing year.* The rate of payment on unshorn lambs sold during the 1966 marketing year is 52 cents per hundredweight of live lambs based on a difference of 12.9 cents a pound between the announced price support level of 65

cents and the national average price of 52.1 cents a pound received by producers for shorn wool during the 1966 marketing year (§ 1472.1208(b)).

§ 1472.1241 [Amended]

3. In § 1472.1241, the last sentence of paragraph (a), concerning applications filed by producers located in the States of Alaska and Hawaii, is deleted. This has the effect of requiring producers in Alaska and Hawaii to file their applications with ASCS county officers as producers in all other States do.

(Sec. 4, 62 Stat. 1070, sec. 5, 62 Stat. 1072, secs. 702–708, 68 Stat. 910–912, as amended, secs. 401–403, 72 Stat. 994–995, sec. 151, 75 Stat. 306, sec. 201, 79 Stat. 1188; 15 U.S.C. 714b, 15 U.S.C. 714c, 7 U.S.C. 1781–1787, as amended)

*Effective date:* Date of publication.

Signed at Washington, D.C., on March 23, 1967.

H. D. GODFREY,
*Executive Vice President,*
*Commodity Credit Corporation.*

[F.R. Doc. 67-3329; Filed, Mar. 27, 1967; 8:46 a.m.]

# Title 16—COMMERCIAL PRACTICES

## Chapter I—Federal Trade Commission

## PART 15—ADMINISTRATIVE OPINIONS AND RULINGS

### Reduced Price on Shopper's Guide Advertising for Radio Advertisers

§ 15.118 **Reduced price on shopper's guide advertising for radio advertisers.**

(a) The Federal Trade Commission advised a radio station that it might properly give reduced advertising rates in a printed shopper's guide which it plans to publish to those advertisers buying radio time at regular station rates.

(b) The Commission was informed that radio advertisers would not be required to buy shopper's guide space, and that shopper's guide space could be purchased at regular shopper's guide rates by those not buying radio time.

(c) Three other radio stations and two newspapers are available to advertisers within the market area in question.

(38 Stat. 717, as amended; 15 U.S.C. 41–58; 49 Stat 1526; 15 U.S.C. 13, as amended)

Issued: March 27, 1967.

By direction of the Commission.

[SEAL] JOSEPH W. SHEA,
*Secretary.*

[F.R. Doc. 67-3350; Filed, Mar. 27, 1967; 8:48 a.m.]

# Title 19—CUSTOMS DUTIES

## Chapter I—Bureau of Customs, Department of the Treasury

[T.D. 67-83]

## PART 10—ARTICLES CONDITIONALLY FREE, SUBJECT TO A REDUCED RATE, ETC.

### Automotive Vehicles and Articles for Use as Original Equipment in the Manufacture of Automotive Vehicles

It has been found that the requirements of § 10.84 (c) and (d), Customs Regulations, formulated under the Automotive Products Trade Act of 1965 (Public Law 89–283, approved Oct. 21, 1965), impose an administrative burden on the public without commensurate benefits to the Government in requiring that a copy of a written order, contract, or letter of intent be filed with each entry or withdrawal from warehouse of original motor-vehicle equipment and that notification be made in writing to the headquarters office of the customs district where the article is located each time it is decided to divert original motor-vehicle equipment from use in the manufacture of motor vehicles. If the written orders, contracts, or letters of intent are made available for inspection upon request by customs officials and if reports of diversion are made to the district director of customs for the district where entry was made or where the offices of the importer are located, the Government's interests will be sufficiently protected and the burdens on the public will be reduced.

Accordingly, paragraphs (c) and (d) of § 10.84 are revised to read as follows:

§ 10.84 **Automotive vehicles and articles for use as original equipment in the manufacture of automotive vehicles.**

* * * * *

(c) When an importer makes an entry, or withdrawal from warehouse, for consumption of articles for use as "original motor-vehicle equipment" as that term is defined in Schedule 6, Part 6, Subpart B, Headnote 2(a), Tariff Schedules of the United States, he shall file therewith his declaration that the articles are being imported for use as original equipment in the manufacture in the United States of the kinds of motor vehicles specified in the headnote and furnish the name and address of the motor vehicle manufacturer. A copy of the written order, contract, or letter of intent shall be attached to the importer's declaration except that if the district director of customs is satisfied that a copy of the written order, contract, or letter of intent will be made available by the importer or ultimate consignee for inspection by customs officials upon request during a period of 3 years from the date of such entry or withdrawal from warehouse, the production of such documents will not be required. Proof of use need not be furnished.

(d) If, after a Canadian article has been accorded the status of original motor-vehicle equipment, it is decided to divert the article from its intended use in the manufacture in the United States of motor vehicles, the importer or other person deciding to divert the article from such intended use shall give notice in writing of that decision to the district director of customs of the district where entry was made or where the offices of the importer are located and either make arrangements for its destruction or exportation under customs supervision or pay duties in accordance with Schedule 6, Part 6, Subpart B, Headnote 2(d)(ii). If such article is not destroyed or exported under customs supervision or the duties paid, the article, or its value, shall be subject to forfeiture.

(77A Stat. 11, as amended, 325, as amended; 19 U.S.C. 1202 (Gen. Hdnte. 3(d), Sch. 6, Pt. 6B, Hdnte. 2))

(77A Stat. 14, sec. 624, 46 Stat. 759; 19 U.S.C. 1202 (Gen. Hdnte. 11), 1624)

[SEAL] LESTER D. JOHNSON,
*Commissioner of Customs.*

Approved: March 20, 1967.

TRUE DAVIS,
*Assistant Secretary of the Treasury.*

[F.R. Doc. 67-3331; Filed, Mar. 27, 1967; 8:46 a.m.]

# Title 20—EMPLOYEES' BENEFITS

## Chapter V—Bureau of Employment Security, Department of Labor

## PART 602—COOPERATION OF UNITED STATES EMPLOYMENT SERVICE AND STATES IN ESTABLISHING AND MAINTAINING A NATIONAL SYSTEM OF PUBLIC EMPLOYMENT OFFICES

### Foreign Agricultural Labor

Pursuant to notice published in the FEDERAL REGISTER on November 23, 1966 (31 F.R. 14840), both oral and written data, views, and argument have been presented concerning the question of what changes, if any, should be made in the Labor Department's regulations established pursuant to the Wagner Peyser Act (29 U.S.C. 49) and section 214(c) of the Immigration and Nationality Act (8 U.S.C. 1184(c)), as implemented by 8 CFR 214.2(h) which set forth the policies that will be followed in the certification for temporary foreign labor for agricultural and logging employment in the United State (20 CFR 602.10).

After having considered all material submitted, I have decided to and do hereby amend 20 CFR Part 602 by deleting § 602.10 and establishing in its place new §§ 602.10, 602.10a, and 602.10b to be

preceded by an undesignated centerhead to read as set forth below.

As these amendments relate only to matters of agency policy and procedure, delay in their effective date is not required (5 U.S.C. 553(e)). Accordingly, they shall become effective for all certification for crop and logging activities beginning on or after April 1, 1967.

The new regulations read as follows:

CERTIFICATION AND USE OF TEMPORARY FOREIGN LABOR FOR AGRICULTURAL AND LOGGING INDUSTRY EMPLOYMENT

**§ 602.10 The certification processes.**

(a) Section 214.2(h)(ii) of the Immigration and Naturalization Service Regulations (8 CFR 214.2(h)(ii)) requires, in support of a petition for the admission of an alien to perform certain temporary service or labor, that

> Either a certification from the Secretary of Labor or his designated representative stating that qualified persons in the United States are not available and that the employment of the beneficiary will not adversely affect the wages and working conditions of workers in the United States similarly employed, or a notice that such a certification cannot be made shall be attached to every nonimmigrant visa petition to accord an alien a classification under section 101(a)(15)(H)(ii) of the Act.

The criteria and procedures set forth herein prescribe (1) the conditions under which U.S. workers must be recruited for agricultural or logging industry employment (except for employment as sheepherders) before a determination of their nonavailability can be made and (2) the terms of employment for both U.S. and foreign workers which will not adversely affect the wages and working conditions of American workers similarly employed.

(b) Agricultural or logging industry employers including association employers anticipating a labor shortage may request a certification for temporary foreign labor, provided that the employer or the association and those of its members for whom the services of foreign workers are requested, prior to making such a request, have filed at the local office of the State employment service an offer of employment for U.S. workers to fill such employment needs in accordance with the provisions of this section and §§ 602.10a and 602.10b. Such offers of employment, as well as any request for certification for temporary foreign workers, should be filed at the local office in sufficient time to allow the Bureau of Employment Security 30 days to determine the availability of domestic workers, in addition to the time necessary for the employer to secure foreign workers by the date of need if the certification is approved.

(c) Request for certification shall be in writing and describe all efforts made by the employer to obtain U.S. workers to fill the employer's need.

(d) When received, the request for certification shall be forwarded by the local office of the State employment service to the appropriate Regional Administrator of the Bureau of Employment Security together with information which indicates the extent to which the requirements set forth in this section have been met and a detailed report of labor availability, recruitment efforts undertaken by and on behalf of those requesting the use of foreign workers, and any other information required by the Bureau of Employment Security. The Regional Administrator of the Bureau of Employment Security may then issue the certification if he finds:

(1) That the employment of such workers will not adversely affect the wages and working conditions of domestice workers similarly employed; and

(2) That reasonable efforts have been and will continue to be made by the Employment Service and the employers to obtain domestic workers at wage rates and conditions of employment no less favorable than those set forth in the regulations in this part, to perform the work for which the services of temporary foreign workers are requested, and for which domestic workers are not available. Reasonable efforts will include, where deemed appropriate by the Regional Administrator, full use of workers who commute on a daily basis between their residence and the place of employment, the use of the interstate clearance system, full participation in special youth recruitment programs, and the use of other recruitment measures which have produced or are expected to produce effective results.

(e) Certifications will be denied in whole or in part if the findings set forth in paragraph (d) of this section cannot be made or;

(1) Where the employer has been found to have failed without good cause to comply with employment contracts with United States or foreign agricultural or logging workers;

(2) Where the admission of the foreign workers would result in violation of policies of the U.S. Department of Labor governing the referral of workers to jobs involved in strikes or other labor disputes (see § 602.2(b));

(3) Where the employer has failed to comply with any applicable requirements of the foreign government whose nationals are involved; or has failed to abide by any applicable State or local labor, health or housing laws;

(4) Where, within the period commencing with the filing of the job offer in relation to this or any prior certification and extending so long as foreign workers are employed, the wages and working conditions provided to any foreign or U.S. workers similarly employed have been less favorable than those required to be offered to U.S. workers in accordance with §§ 602.10a and 602.10b;

(5) Where the Immigration and Naturalization Service has notified the Secretary of Labor that the employer has had in his employ any foreign worker who was not lawfully in the United States, unless the employer demonstrates that he did not know, had no reasonable grounds to suspect, or could not by reasonable inquiry have ascertained that the alien worker was not lawfully in the United States.

(f) In any case in which the Regional Administrator of the Bureau of Employment Security determines after examination of all the pertinent facts that certification cannot appropriately be issued, he shall promptly so notify the employer or association requesting the certification. Such notification shall contain a statement of the reasons on which the refusal to issue a certification is based.

**§ 602.10a Job offers and contracts.**

The offers to U.S. workers made in accordance with this section and § 602.10(b) shall:

(a) Be in writing (except with regard to workers who commute on a daily basis between their residence and the place of employment) and when accepted shall take the form of a written contract. In lieu of providing individual contracts to workers housed in a labor camp, a master contract shall be posted in a conspicuous place readily accessible to the worker, and each worker shall be given a statement of the terms of employment and the period for which the three-fourths guarantee specified in paragraph (h) of this section is applicable.

(b) Provide for housing for the employees without charge in accordance with the standards issued by the Secretary of Labor as set forth in § 602.9. If the prevailing practice in the area of employment is to provide family housing, such housing must be provided;

(c) Provide, at no cost to workers for insurance covering injury and disease arising out of and in the course of the workers' employment where such workers are not covered by workmen's compensation under State law. Such insurance shall provide for the payment of benefits not less than those specified in the table of benefits set forth below:

TABLE OF BENEFITS

| | |
|---|---|
| Death | $5,000 |
| Permanent and total disability | 5,000 |
| Loss of— | |
| Both hands | 5,000 |
| Both feet | 5,000 |
| The entire sight of both eyes | 5,000 |
| One hand and one foot | 5,000 |
| One hand and the entire sight of one eye | 5,000 |
| One foot and the entire sight of one eye | 5,000 |
| One hand | 2,500 |
| One foot | 2,500 |
| The entire sight of one eye | 2,500 |

In addition, such insurance shall provide for the payment of expenses for hospital, medicines, medical and surgical attention, and other similar services necessitated by injury and disease arising out of and in the course of the workers' employment. The employer shall be responsible for such medical expenses listed above to the extent that they exceed the amount covered by insurance;

(d) Provide for the furnishing of all tools, supplies or equipment required to perform the duties assigned without cost to the worker;

(e) Permit only the following deductions from wages: (1) Those required by law; (2) those for advance against wages; (3) payment for articles of consumption produced by the employer which the

worker has purchased; (4) value of meals supplied by the employer but not to exceed amounts specified in paragraph (f) of this section; (5) overpayment of wages; (6) any loss to the employer due to a worker's refusal or negligent failure to return any property furnished to him by the employer, or due to such worker's willful destruction of such property; (7) deductions for transportation and subsistence costs paid for by the employer as provided in paragraph (g) of this section. The deductions under subparagraph (3), (5), or (6) of this paragraph in each pay period shall not exceed 10 percent of the total wages earned in that pay period. The sum of deductions under subparagraphs (2) and (7) of this paragraph in each pay period shall not exceed 50 percent of the total wages earned in that pay period. At the termination of the work contract, however, or if the worker abandons his work contract, the employer may deduct from such worker's final wage payment any outstanding balance due the employer for deductions permitted by this provision;

(f) Permit no charge by the employer in excess of $2.25 per worker for furnishing 3 meals per day except where the Administrator of the Bureau of Employment Security when evidence submitted to him supports a greater charge, has approved a charge not to exceed $3.00 per worker for furnishing 3 meals per day;

(g) Require the employer to provide or pay for transportation and subsistence en route from the place of recruitment to the place of employment in those cases where the worker completes at least 50 percent of the contract. An employer who has advanced payment to a worker for the costs of transportation and subsistence en route, may deduct such costs from earnings of the worker until the worker has completed 50 percent of the contract period. However, upon completion of 50 percent of the contract period, the worker shall be entitled to reimbursement of the amounts so deducted. If the worker completes his contract, the employer will provide or pay the cost of return transportation and subsistence en route from the place of employment to the place of recruitment, except when the worker is not returning to the place of recruitment and has subsequent employment with an employer who will bear transportation expenses. All transportation provided by the employer will be by common carrier or other transportation facilities which conform to applicable regulations of the Interstate Commerce Commission. Transportation from the worker's on-the-jobsite living quarters to the place where the work is to be performed will be provided by the employer without cost to the worker;

(h) Guarantee each worker the opportunity for employment for at least three-fourths of the workdays of the total period during which the work contract and all extensions thereof are in effect, beginning with the first workday after the worker's arrival at the place of employment and ending on the termination date specified in the work contract, or its extensions, if any. For purposes of the work contract, a workday consists of 8 hours of any day except Sunday, New Year's Day, July 4, Labor Day, Thanksgiving, or Christmas. If the worker, during such period, is afforded less employment than required under this provision, the worker shall be paid the amount which he would have earned had he, in fact, worked for the guaranteed number of days. Where wages are paid on a piece rate basis, the worker's average hourly earnings shall be used for the purpose of computing amounts due under this guarantee. In determining whether the guarantee of employment has been met, any hours which the worker fails to work during a workday when he is afforded the opportunity to do so by the employer, and all hours of work performed, shall be counted in calculating the days of employment required to meet this guarantee. If, before the expiration date specified in the work contract the services of the worker are no longer required for reasons beyond the control of the employer (due to an Act of God, such as frost, flood, drought, earthquake, hail, forest fire, or other natural calamity of such character as to make the fulfillment of the contract impossible), and this fact is determined by the Regional Administrator, the work contract may be terminated and efforts will be made to transfer the worker to other comparable employment. If such transfer is not effected, the worker shall be returned to the place of recruitment at the employer's expense. In either event deductions for transportation and subsistence en route from the place of recruitment to the place of employment made pursuant to paragraph (g) of this section shall be refunded. Whenever the contract is terminated under this provision, the employer shall be responsible for the three-fourths guarantee for the period beginning with the first workday after the worker's arrival at the place of employment and ending with the date the work contract is terminated, and the employer shall pay the worker all other amounts due under the contract;

(i) Require the employer to keep accurate and adequate records in regard to all earnings and hours of employment. Such records shall include information showing the nature of the work performed, the number of hours worked each day by each worker, the rate of pay, the amount of work performed, the earnings of each worker, and deductions made from each worker's wages. Such records shall be made available at any reasonable time for inspection by representatives of the Administrator of the Bureau of Employment Security, and by workers or their representatives. Such records shall be retained for a period of not less than 1 year following the completion of the contract. With respect to each pay period, the workers shall be furnished, at the time they are paid for such pay period, a statement which shows their total earnings for the pay period, the rate of pay, the hours worked, the units produced where piece rates are used, and an itemization of all deductions made from wages.

(j) Provide for the payment of not less than the wage rates prescribed in § 602.10b.

**§ 602.10b Wage rates.**

(a) (1) Except as otherwise provided in this section the following hourly wage rates (which have been found to be the rates necessary to prevent adverse effect upon U.S. workers) shall be offered to agricultural industry workers in accordance with § 602.10a(j):

| *State* | *Rate* |
|---|---|
| California | $1.60 |
| Connecticut | 1.60 |
| Florida | 1.35 |
| Maine | 1.45 |
| Massachusetts | 1.50 |
| New Hampshire | 1.50 |
| New York | 1.50 |
| Rhode Island | 1.50 |
| Vermont | 1.50 |
| Virginia | 1.35 |
| West Virginia | 1.35 |

(2) Piece rates shall be designed to produce hourly earnings at least equivalent to the hourly rate specified in subparagraph (1) of this paragraph for the State in which the work is to be performed and no workers shall be paid less than the specified hourly rate. The computation of makeup pay shall be made on a pay period basis and makup pay shall be paid to each worker whose average hourly earnings in the pay period do not equal the specified hourly rate.

(3) If a request for certification made in accordance with § 602.10 concerns employment in a State other than one of those listed in subparagraph (1) of this paragraph, the Secretary of Labor will determine the rate necessary to prevent adverse effect upon U.S. workers in that State before the request may be approved.

(b) Where the prevailing rate for a crop activity in an area of employment is higher than the wage rate otherwise applicable under paragraph (a)(1) of this section, such higher prevailing rate shall be offered and paid.

(c) The minimum wage payment rates to be offered workers in the logging industry shall be the rates prevailing for logging activities or the rate determined by the Secretary of Labor to be necessary to prevent adverse effect upon U.S. workers, whichever is higher.

(d) Payment of wages shall be made in accordance with the prevailing practice in the area of employment, but in no event shall the worker be paid less frequently than biweekly.

(e) Until September 1, 1967, rates in accordance with the regulations applicable to the Florida citrus industry on October 19, 1966, will remain in effect in that State in lieu of the rates prescribed in paragraph (a) of this section (See 31 F.R. 13466).

(8 CFR 214.2(h))

Signed at Washington, D.C., this 20th day of March 1967.

W. WILLARD WIRTZ,
*Secretary of Labor.*

[F.R. Doc. 67-3315; Filed, Mar. 27, 1967; 8:45 a.m.]

# Title 21—FOOD AND DRUGS

## Chapter I—Food and Drug Administration, Department of Health, Education, and Welfare

## PART 120—TOLERANCES AND EXEMPTIONS FROM TOLERANCES FOR PESTICIDE CHEMICALS IN OR ON RAW AGRICULTURAL COMMODITIES

### Aldrin and Dieldrin

*Correction*

In F.R. Doc 67-3117 appearing on page 4351 of the issue for Wednesday, March 22, 1967, in § 120.137, the word "cantaloups" in the third paragraph should be deleted.

# Title 39—POSTAL SERVICE

## Chapter I—Post Office Department

### SUBCHAPTER I—PERSONNEL

### AMENDMENT OF SUBCHAPTER TITLE

The title of Subchapter I is amended as set forth above.

(5 U.S.C. 301, 39 U.S.C. 501)

TIMOTHY J. MAY,
*General Counsel.*

MARCH 21, 1967.

[F.R. Doc. 67-3317; Filed, Mar. 27, 1967; 8:45 a.m.]

# Title 33—NAVIGATION AND NAVIGABLE WATERS

## Chapter II—Corps of Engineers, Department of the Army

## PART 207—NAVIGATION REGULATIONS

### Chesapeake and Delaware Canal

Pursuant to the provisions of section 7 of the River and Harbor Act of August 8, 1917 (40 Stat. 266; 33 U.S.C. 1); § 207.100 governing the use, administration, and navigation of the Chesapeake and Delaware Canal is hereby amended with respect to paragraph (j)(4) to permit the bridge across Branch Channel at Delaware City, Del., to remain in a closed position, effective upon publication in the FEDERAL REGISTER, since the bridge has not been opened within the last 20 years, as follows:

**§ 207.100 Inland waterway from Delaware River to Chesapeake Bay, Delaware and Maryland (Chesapeake and Delaware Canal); use, administration, and navigation.**

* * * * *

(j) * * *

(4) The bridge crossing Branch Channel at Delaware City need not be opened for the passage of vessels.

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[Regs., Mar. 1, 1967, 1507-32 (Chesapeake and Delaware Canal)-ENGCW-ON] (Sec. 7, 40 Stat. 266; 33 U.S.C. 1)

KENNETH G. WICKHAM,
*Major General, U.S. Army,*
*The Adjutant General.*

[F.R. Doc. 67-3313; Filed, Mar. 27, 1967; 8:45 a.m.]

# Title 45—PUBLIC WELFARE

## Subtitle A—Department of Health, Education, and Welfare, General Administration

## PART 13—ALLOCATION AND UTILIZATION OF SURPLUS PERSONAL PROPERTY FOR EDUCATIONAL, PUBLIC HEALTH, AND CIVIL DEFENSE PURPOSES

Part 13 of Title 45 CFR is hereby amended to read as follows:

Sec.
13.1 Definitions.
13.2 Basic policy.
13.3 Geographic scope.
13.4 Allocation of donable property.
13.5 Donations of personal property.
13.6 Certifications by State Agencies and donees.
13.7 State Agency agreements.
13.8 Certifications and agreements respecting interstate distribution.
13.9 Terms and conditions applicable to transfers or retransfers of donable property.
13.10 Terms and conditions applicable to transfers or retransfers of aircraft and vessels measuring 50 feet or more in length.
13.11 Additional terms and conditions.
13.12 Insurance.

AUTHORITY: The provisions of this Part 13 issued under sec. 203, 63 Stat. 385, as amended, 70 Stat. 493; 40 U.S.C. 484; 76 Stat. 805.

### § 13.1 Definitions.

(a) "Act" means the Federal Property and Administrative Services Act of 1949, Public Law 152, 81st Congress (63 Stat. 377), as amended (40 U.S.C. 471 et seq.). Terms defined in the Act and not defined in this section, shall have in this part the meaning given to them in the Act.

(b) "Accredited" means approval by a recognized accrediting board or association on a regional, State, or National level such as a State Board of Education or Health, a regional or national accrediting association for universities, colleges, or secondary schools, the American Hospital Association, etc.

(c) "Approved" means recognition and approval by the State Department of Education, State Department of Health, or other appropriate authority. With respect to an educational institution, such approval must relate to academic or instructional standards. An educational institution may be considered as approved if its credits are accepted by accredited or State approved institutions, or if it meets the academic or instructional standards prescribed for public schools in the State.

(d) "Civil defense organization" means the official organization established by or pursuant to State law as being responsible for the civil defense program for such State, or political subdivisions and instrumentalities thereof. This term does not include a "State agency" as defined in paragraph (cc) of this section.

(e) "Clinic" means an approved facility organized and operated for the primary purpose of providing outpatient health services and includes the customary related facilities such as laboratories, treatment rooms, etc.

(f) "College" means an approved or accredited institution of higher learning offering organized study courses and credits leading to the baccalaureate or higher degrees.

(g) "Department" means the Department of Health, Education, and Welfare.

(h) "Donable property" means surplus equipment, materials, books, or other supplies under the control of any executive agency (including surplus property in working capital funds established pursuant to 10 U.S.C. 2208 or in similar management-type funds) except:

(1) Such property as may be specified from time to time by the Administrator of General Services;

(2) Surplus agricultural commodities, food, and cotton or woolen goods determined from time to time by the Secretary of Agriculture to be commodities requiring special handling in order to assist him in carrying out his responsibilities with respect to price support or stabilization;

(3) Property in trust funds.

(i) "Donated property" means equipment, materials, books and other personal property transferred to eligible institutions or organizations pursuant to the provisions of section 203(j) of the Act and implementing regulations.

(j) "Donee" means an eligible applicant who is a recipient of donable property.

(k) "Educational institution" means a tax-supported or nonprofit school system, school, college, university, school for the mentally retarded, school for the physically handicapped, radio or television station licensed by the Federal Communications Commission as an educational radio or an educational television station, and public libraries. School systems, schools, colleges, and universities must be approved or accredited.

(l) "Eligible applicant" means (1) a civil defense organization as defined in paragraph (d) of this section, (2) an approved or accredited tax-supported or nonprofit medical institution, hospital, clinic, health center, school system, school, college, or university, or (3) a tax-supported or nonprofit school for the mentally retarded, school for the physically handicapped, a radio station or a television station licensed by the Federal Communications Commission as an educational radio or an educational television station, or a public library. Nonprofit organizations must be exempt from taxation under section 501(c)(3) of the Internal Revenue Code of 1954.

(m) "Health center" means an approved facility utilized by a health unit for the provision of public health services, including related facilities such as laboratories and clinics.

(n) "Hospital" means an approved or accredited institution providing health services primarily for inpatient medical or surgical care of the sick or injured and includes related facilities such as laboratories, outpatient departments, training facilities, central services facilities, and staff offices which are an "integral part" of the hospital. The term "hospital" does not include institutions whose primary purpose is the furnishing of domiciliary care.

(o) "Medical institution" means an approved or accredited institution, facility, entity or organization which has for its primary function the provision of medical services, or the promotion of health through the conduct of research, investigations, experiments, training and demonstrations, relating to causes, prevention, and methods of diagnosis and treatment of diseases or injuries; the term includes hospitals, clinics, research and health centers, laboratories, medical, dental, and nursing schools, and similar institutions, but does not include those primarily engaged in domiciliary care.

(p) "Motor vehicles" means property in Federal Supply Classification Group 23.

(q) "Need" means a requirement for anything usable and necessary by eligible applicants in the conduct of educational, public health, or civil defense activities.

(r) "Nonprofit" used in connection with a medical institution, hospital, clinic health center, school, college, university, school for the mentally retarded, school for the physically handicapped, or an educational television or educational radio station licensed by the Federal Communications Commission means one which is operated by one or more nonprofit corporations or associations, no part of the net earning of which inures or may lawfully inure to the benefit of any private shareholder individual, and which has been held by the Internal Revenue Service to be tax-exempt under the provisions of section 501(c)(3) of the 1954 Internal Revenue Code.

(s) "Personal property" means surplus property of any kind or any interest therein, except: Real property, records of the Federal Government and naval vessels of the folowing categories: "Battleships, cruisers, aircraft carriers, destroyers, and submarines; and merchant vessels of 1,500 gross tons or more subject to disposal by the U.S. Maritime Commission."

(t) "Public library" means a library that serves free all residents of a community, district, State, or region, and receives its financial support in whole or in part from public funds.

(u) Radio—"Educational radio station" means a radio station licensed by the Federal Communications Commission and operated exclusively for noncommercial educational purposes and the licensee of which is tax-supported or nonprofit and tax-exempt under section 501(c)(3) of the Internal Revenue Code of 1954.

(v) "Reimbursement to donees" means those costs and expenses for which the donee may recover monies from the proceeds of the sale of restricted donated items. These include (1) in such prorated amount, based on use, as may be prescribed by the Department (i) the certified costs of initially acquiring the property; (ii) the rehabilitation costs incurred in initially placing the property into operable condition; (2) the actual costs of listing and lotting property for sale; and (3) the actual costs of advertising the property when authorized by the Regional Representative to conduct the sale.

(w) "Reimbursement to State Agencies" means those costs and expenses for which the State Agency may recover monies from the proceeds of the sale of undistributed surplus property in the custody of the State Agency. These include only those costs of listing and lotting the property which are incurred subsequent to GSA authorization of the sales action, plus the actual cost of advertising in those cases where the State Agency is requested to conduct the sale.

(x) "School" (excepting schools for the "mentally retarded and schools for the physically handicapped") means an approved or accredited organizational entity devoted primarily to approved academic, vocational, or professional study and instruction, which operates primarily for educational purposes on a full-time basis for a minimum school year and employs a full-time staff of qualified instructors.

(y) "School for the mentally retarded" means a facility or institution operated primarily to provide specialized instruction to students of limited mental capacity. It must be tax-supported or nonprofit and exempt from taxation under section 501(c)(3) of the Internal Revenue Code of 1954. It must operate on a full-time basis for the equivalent of a minimum school year prescribed for public school instruction of the mentally retarded, with a staff of qualified instructors, and demonstrate that the facility meets the health and safety standards of the State or local governmental body.

(z) "School for the physically handicapped" means a school organized primarily to provide specialized instruction to students whose physical handicaps necessitate individual or group instruction. The school must be tax-supported or nonprofit and exempt from taxation under section 501(c)(3) of the Internal Revenue Code of 1954. Such a school must operate on a full-time basis for the equivalent of a minimum school year prescribed for public school instruction for the physically handicapped, with a staff of qualified instructors, and demonstrate that the facility meets the health and safety standards of the State or local governmental body.

(aa) "School system" means a group of approved or accredited tax-supported schools operated under one administrative organization.

(bb) "Secretary" means the Secretary of Health, Education, and Welfare.

(cc) "State agency" means the agency designated by State statute or Executive order to make the certifications concerning and distribution of donable property to eligible applicants within the State, as provided for in section 203(j) of the Act.

(dd) "State" means a State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, or a Territory or possession of the United States.

(ee) "Tax-supported" used in connection with a medical institution, hospital, clinic, health center, school, school system, college, university, school for the mentally retarded, school for the physically handicapped, or an educational television station or educational radio station licensed by the Federal Communications Commission means one which receives a major portion of its financial support from monies derived from State or local government revenues.

(ff) Television—"Educational television station" means a television station licensed by the Federal Communications Commission and operated exclusively for noncommercial educational purposes and the licensee of which is tax-supported or nonprofit and tax-exempt under section 501(c)(3) of the Internal Revenue Code of 1954.

(gg) "University" means an approved or accredited institution for instruction and study in the higher branches of learning and which is empowered to confer degrees in special departments or colleges.

### § 13.2 Basic policy.

It is the policy of the Department to strengthen and encourage the development and expansion of educational and public health programs and to promote a state of civil defense operational readiness by the equitable allocation among the States of donable property for educational, public health, and civil defense purposes, and the assuring thereafter of its maximum utilization for these purposes.

### § 13.3 Geographic scope.

This part is applicable to donable personal property located, needed and usable within the continental United States, the District of Columbia, the Commonwealth of Puerto Rico, and the territories and possessions of the United States.

### § 13.4 Allocation of donable property.

(a) Allocation of donable property will be made on the basis of need and usability of the property. The following factors will be taken into consideration in effecting equitable allocation of property:

(1) Need and usability of property as reflected by requests from State Agencies.

(2) Areas or States in greatest need of the type of property to be allocated, where the particular important need is evidenced by a justification accompanying the expression of need.

(3) Extraordinary needs occasioned by disasters.

(4) Equity in allocations based on population percentages.

(5) The quantity of property of the type under consideration which has already been allocated or is potentially available to a State Agency.

(6) The ability or performance of State Agencies in meeting current transportation requirements.

(b) Judgment is necessary in the application of the factors and the weight that will be given each factor. However, factors other than those set forth will not be used or applied by allocators. When using factor in paragraph (a)(2) of this section, it should not be applied to commonly available items. Its use must be confined to critical or special items not normally available, or to items required by the State to maintain the interest of its donees; in such cases, State Agencies must make statements of fact as justifications.

**§ 13.5 Donations of personal property.**

(a) Donations of personal property are authorized by the Administrator of General Services upon determination by the Department that the property applied for is usable and necessary for educational, public health, or civil defense purposes, including research for any such purpose. Property is allocated by the Department to State Agencies on the basis of need and utilization. All applications for property shall be made by State Agencies on Standard Form 123, "Application for Donation of Surplus Personnel Property." Applications shall indicate that pickup will be made by or that shipment will be made to either a State Agency or an eligible donee. In its application, the State Agency shall make the certifications as provided in § 13.6(a) and shall agree to the terms and conditions as provided in §§ 13.7 and 13.11. When property is to be picked up by or shipped to a donee, in addition to the certifications made by the State Agency as above provided, the donee shall make the certifications as provided in § 13.6(b). The donee shall also indicate the purpose for which the property is being acquired and shall agree to the applicable terms and conditions as provided in §§ 13.9, 13.10, and 13.11. Prior to the release of property by the holding agency to a State Agency or donee, the Department must certify that the State Agency is elibigle to receive the property in accordance with the act and regulations promulgated thereunder, and that the property is usable and needed. When property is distributed by a State Agency to a donee, the donee shall make the certifications as provided in § 13.6 (b). The donee shall also indicate the purpose for which the property is being acquired, and shall agree to the applicable terms and conditions as provided in §§ 13.9, 13.10, and 13.11. The certifications and agreements of a donee shall be made through its authorized representative. The State Agency must make a finding that the donee is eligible and that the property is usable and needed by the donee.

(b) An otherwise eligible applicant, except educational radio stations and educational television stations, may, in the discretion of the Department, receive donable property prior to "approval" or "accreditation" (as elsewhere defined in this part) of its operations only where it is unable to obtain such approval or accreditation because it is newly organized or because the facilities in which the health or educational activities are to be housed are not yet constructed or are being constructed. Also, schools for the mentally retarded and physically handicapped and public libraries which establish their eligibility under the Department's regulations may receive donable property during construction. In such cases, the applicant must demonstrate to the satisfaction of the Department, that upon completion of construction the facilities will be used for an eligible health or educational purpose and that such health or educational utilization will after operations in such facilities have commenced, receive such approval or accreditation, except schools for physically handicapped, mentally retarded, and public libraries. No property shall be so donated under this paragraph except upon submission of the application to the Department and the express written approval of the Department to such donation.

(c) Donation of property other than aircraft and vessels measuring 50 feet or more in length shall be effective and title shall pass from the United States of America to the donee, upon the taking of possession of the property by the donee and the execution by an authorized representative of the donee of a State Agency for Surplus Property Distribution Document containing the same certifications, terms and conditions as are applicable and set forth in the Department's regulations. Title to aircraft and vessels measuring 50 feet or more in length shall pass from the United States of America to the donee upon execution and delivery of either an Aircraft Conditional Transfer Document or a Vessel Conditional Transfer Document, whichever is appropriate, containing the terms and conditions provided in § 13.10.

(d) Retransfers and reallocations of donable property to other donees or to other State Agencies shall be subject to the applicable provisions set forth in §§ 13.6, 13.7, 13.9, 13.10, and 13.11.

(e) No donable property will be allocated until the Secretary has determined that the State Agency has conformed to the minimum standards of operation prescribed by the Secretary for the disposal of surplus property.

(f) Donable property received in State Agency warehouses shall be distributed promptly to eligible donees within the State, or shall be reallocated to another State Agency by the Department. Property not distributed within a 12-month period shall be reported to the Department for redisposal instructions.

(g) State Agencies shall make such reports to the Department on the use, condition, and location of donated property and other pertinent matters as the Department may from time to time require.

**§ 13.6 Certifications by State Agencies and donees.**

(a) A State Agency, in making application for donable surplus personal property, shall make a certification as follows:

(1) The State Agency hereby certifies that:

(i) It is the agency of the State designated under State law and as such has legal authority within the meaning of section 203(j) of the Act, and the regulations of the Department to receive surplus property for distribution within the State to eligible donees within the meaning of said Act and regulations.

(ii) Such property is usable and needed for educational, public health, or civil defense purposes, including research for any such purpose, in the State.

(2) When such property is picked up by or shipped to a State Agency, the State certifies that it has available adequate funds, facilities, and personnel to effect accountability, warehousing, proper maintenance, and distribution of such property.

(3) When such property is distributed by a State Agency to a donee, or when delivery is made direct from a holding agency to a donee, the State certifies that the donee who is acquiring the property is eligible within the meaning of the Act, and the regulations of the Department, and that such property is usable and needed by the donee.

(b) A donee, when acquiring donable surplus personal property shall certify as follows:

(1) It is a tax-supported or nonprofit and tax-exempt (under section 501(c)(3) of the Internal Revenue Code of 1954, or section 101(6) of the Internal Revenue Code of 1939) school system, school, college, university, school for the mentally retarded or physically handicapped, public library, educational radio, or educational television station, medical institution, hospital, clinic or health center, or a civil defense organization designated pursuant to State law, within the meaning of the Act, and the regulations of the Department.

(2) Such property is usable and necessary in the State for either educational, public health, or civil defense purposes, including research for any such purpose, is required for its own use to fill an existing need for one of such purposes, and is not being acquired for any other use or purpose, for use outside the State, or for sale.

(3) Funds are available to pay the costs of care and handling incident to donation, including packing, preparation for shipping, loading, and transporting such property.

**§ 13.7 State Agency agreements.**

With respect to property picked up by or shipped to State Agencies, the State Agency shall agree to the following:

(a) The right to possession only is granted and the State agrees to make prompt State-wide distribution of the same, on the basis of educational, public

health, or civil defense usability and need, to donees eligible to acquire property under section 203(j) of the Act, and regulations of the Department, after such eligible donees have properly executed the certifications and appropriate agreements.

(b) Title to such property shall remain in the United States of America although the State shall have taken possession thereof, except where State licensing laws require that title pass in order that State licensing or registration of the property may be effected. Title to the property shall pass to the eligible donees when it executes the certifications and appropriate agreements required by this part and has taken possession of the property.

(c) The State further agrees that it will pay the cost of care, handling, and shipping incident to taking possession of such property and that during the time that title remains in the United States of America it will be responsible, as a bailee for mutual benefit, for such property from the time it is released to the State or to the transportation agent designated by the State; and that in the event of any loss of, or damage to any or all of the property, it will file such claim and/or institute and prosecute to conclusion such proceedings as may be necessary to receive, for the account of the United States of America, the fair value of any such property lost or damaged.

(d) No surplus property hereafter approved for donation by the Administrator of General Services shall be available to State Agencies for their own administrative purposes unless such property is approved for such use by the Secretary and the Administrator, and the State Agency shall have entered into a Cooperative Agreement with the Department providing for such use.

### § 13.8 Certifications and agreements respecting interstate distribution.

Where an applicant State Agency is acting (under an interstate distribution agreement approved by the Department) as an agent and authorized representative of an adjacent State with which it shares a common boundary, the certifications and agreements required by §§ 13.6 and 13.7 shall also be made by such applicant State Agency respecting the donees in such adjacent State to which distribution will be made and the property to be distributed in such adjacent State, and such certifications and agreements shall constitute the certifications and agreements of the adjacent State on whose behalf and as whose authorized representative the applicant State Agency is acting.

### § 13.9 Terms and conditions applicable to transfers or retransfers of donable property.

(a) Property acquired by a donee, regardless of acquisition cost, donated for public health or educational purposes, shall be on an "as is," "where is" basis without warranty of any kind.

(b) Property having a single item acquisition cost of $2,500 or more, donated for public health or educational purposes shall be subject to the following additional terms and conditions:

(1) Such property shall be used only for the public health or educational purpose for which acquired, including research for any such purpose, and for no other purpose.

(2) Such property shall be placed in use for the purpose for which acquired no later than 12 months after acquisition thereof. In the event such property is not placed in use within 12 months of receipt, the donee, within 30 days after the expiration of the 12-month period, shall notify the Department in writing through the State Agency. Title and right to the possession of such property not so placed in use within the above mentioned period shall, at the option of the Department revert to the United States of America, and upon demand the donee shall release such property to such person as the Department or its designee shall direct.

(3) There shall be a period of restriction which will expire after such property has been used for the purpose for which acquired for a period of 4 years, except that the period of restriction on motor vehicles will expire after a period of 2 years of such use.

(4) During the period of restriction, the donee shall not sell, trade, lease, lend, bail, cannibalize or disassemble for secondary utilization purposes, encumber or otherwise dispose of such property or remove it for use outside the State without prior written approval of the Department. Any sale, trade, lease, loan, bailment, encumbrance, or other disposal of the property, when such action is authorized by the Department shall be for the benefit and account of the United States of America and the gross proceeds thereof shall be received and held in trust for the United States of America and be transmitted through the State Agency for Surplus Property promptly to the Department. Reimbursement to the donee will be made by the Department in accordance with the provisions of this part.

(5) In the event such property is sold, traded, leased, loaned, bailed, encumbered, or otherwise disposed of during the period of restriction without prior approval, all proceeds shall be deemed to have been received and held in trust for the United States and the donee shall promptly remit the same to the Department. When the fair market value of the property at the time of the unauthorized action is greater than the proceeds derived from such action, the donee shall, at the option of the Department, also be liable for and promptly remit the difference between such proceeds and the fair market value.

(6) If during the period of restriction, property is no longer suitable, usable, or further needed by the donee for the purpose for which acquired, the donee shall promptly notify the Department through the State Agency, and shall, as directed by the Department or State Agency, either return the property to the State Agency for Surplus Property, retransfer the property to another donee, a department or agency of the United States, sell or otherwise dispose of the property. Any sale shall be for the benefit and account of the United States of America and the gross proceeds thereof shall be received and held in trust for the United States of America and shall be transmitted promptly through the State Agency to the Department. Reimbursement by the Department will be made to the donee in accordance with the provisions of this part.

(7) Donee shall make reports to the State Agency on the use, condition, and location of such property and on other pertinent matters as may be required from time to time by the State Agency or the Department.

(8) At the option of the Department, the donee may abrogate the terms and conditions set forth in subparagraphs (1) through (7) of this paragraph by payment of an amount as determined by the Department.

(c) Aircraft (FSC Group 15) are a specific exception to the provisions of paragraphs (a) and (b) of this section. The special terms and conditions provided in § 13.10 shall apply to the donation of aircraft.

(d) Vessels measuring 50 feet or more in length are also a specific exception to the provisions of paragraphs (a) and (b) of this section. The special terms and conditions provided in § 13.10 shall apply to the donation of such vessels.

(e) Property donated for civil defense purposes shall be subject to the terms and conditions set forth in Title 32, Chapter XVIII, Part 1802, OCD Regulations.

(f) Butler-type storage warehouses, house trailers (without undercarriages), and quonset huts, located on nonexcess land, donated under this section, shall be subject to the terms and conditions applicable to the transfer or retransfer of donable property for public health, educational, or civil defense purposes. The State Agency and/or the donee, as applicable, shall comply with all conditions which may be required by the holding agency for the removal of such property. Whenever the holding agency requires the site upon which such property is located to be cleared after removal of such property, the State Agency shall post performance bonds, or make performance guaranty deposits, or give whatever assurances may be required by the Department or the holding agency that the site will be cleared. The State Agency in lieu of posting such performance bonds, or making such performance guaranty deposits, or giving such other assurances that the site will be cleared, may require these actions to be taken by the donee.

(g) When surplus property in the custody of a State Agency is sold, it shall be sold for the benefit and account of the United States of America, and the gross proceeds thereof will be deposited in the Federal Depository. The Department may reimburse a State Agency for its documented costs of listing and lotting the property which are incurred subsequent to the authorization of the sales action, plus the actual cost of advertising

in those cases where the State Agency is requested to conduct the sale. Listing, as used here, means preparing a list of the items of property to be advertised for sale with a description of each item. Lotting, as used here, means segregating the property to be sold and dividing the property into lots, if by such a grouping a greater return may be expected from the sale. Advertising, as used here, means any form of public announcement intended to give wide circularization and publicity to prospective purchasers.

**§ 13.10 Terms and conditions applicable to transfers or retransfers of aircraft and vessels measuring 50 feet or more in length.**

(a) Aircraft or vessels donated pursuant to this part, regardless of acquisition cost, shall be on an "as is," "where is" basis without warranty of any kind.

(b) Aircraft having a single item acquisition cost of $2,500 or more, or those vessels measuring 50 feet or more in length and having a single item acquisition cost of $2,500 or more, regardless of the purpose for which donated, shall be subject to the following additional terms and conditions:

(1) An Aircraft Conditional Transfer Document or Vessel Conditional Transfer Document containing the terms and conditions provided for in this section and signed by the authorized representative of the applicant must accompany the institution's or organization's application.

(2) Title to the aircraft or vessel shall pass from the United States of America to the donee when the Aircraft Conditional Transfer Document or Vessel Conditional Transfer Document is executed by the Department of Health, Education, and Welfare and is delivered to the donee.

(3) The donee of aircraft shall apply to the Federal Aviation Agency for registration of the aircraft within 30 days of the receipt of the fully executed Aircraft Conditional Transfer Document, and the donee's application for registration shall include a fully executed copy of the Aircraft Conditional Transfer Document. The donee of a vessel shall obtain documentation of the vessel under the applicable laws of the United States and the applicable laws of the several states and will at all times maintain such documentation, and shall, within 60 days of the receipt of the fully executed Vessel Conditional Transfer Document, record said document with the Collector of Customs at the port of documentation of the vessel.

(4) The aircraft or vessel, together with all engines, appurtenances, and accessories attached thereto and installed therein, hereinafter referred to in this section as the "aircraft or vessel property," shall be placed in use for the purpose stated no later than 12 months after acquisition thereof.

(5) In the event the donee of aircraft property does not apply to the Federal Aviation Agency for registration of the aircraft property, or in the event the donee of vessel property does not record the Vessel Conditional Transfer Document with the Collector of Customs at the port of documentation of the vessel property, or in the event the aircraft or vessel property is not placed in use within 12 months of receipt, the donee in the case of aircraft property, within 30 days after the date on which application for registration should have been made, or in the case of vessel property, within 30 days after the date on which the Vessel Conditional Transfer Document should have been recorded, or within 30 days after the expiration of the 12-month period, shall notify the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, in writing, through the State Agency. Title and right to the possession of the aircraft property on which application for registration has not been made within 30 days, or to the vessel property on which the Vessel Conditional Transfer Document has not been recorded within 60 days, or aircraft or vessel property which has not been placed in use within 12 months, shall at the option of the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, revert to the United States of America. Upon demand, the donee shall, as directed by the Department of Health, Education, and Welfare, or its designee, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, or its designee, in the case of aircraft or vessel property donated for civil defense purposes, release the aircraft or vessel property to such agency or person as may be designated, sell the aircraft or vessel property, or otherwise dispose of the aircraft or vessel property. Any sale shall be for the benefit and account of the United States of America.

(6) There shall be a period of restriction which will expire after the aircraft or vessel property has been used for the purpose stated for a period of 10 years. The period of restriction for combat aircraft is perpetual.

(7) During the period of restriction the aircraft or vessel property shall be used only for the purpose stated.

(8) During the period of restriction the donee shall make reports to the State Agency on the use, condition and location of the aircraft or vessel property and on other pertinent matters as may be required from time to time by such State Agency, or the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes.

(9) During the period of restriction, the donee shall not sell, trade, lease, lend, bail, cannibalize or disassemble for secondary utilization purposes, encumber, or otherwise dispose of the aircraft or vessel property, without prior written approval of the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes. Any sale, trade, lease, loan, bailment, encumbrance, or other disposal of the aircraft or vessel property, when such action is authorized by the Department of Health, Education, and Welfare, where the property was donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, shall be for the benefit and account of the United States of America.

(10) In the event, during the period of restriction the aircraft or vessel property is sold, traded, leased, loaned, bailed, cannibalized or be disassembled for secondary utilization purposes, encumbered, or otherwise disposed of without prior approval, or is used for a purpose other than the purpose stated, the donee at the option of the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, shall be liable to the United States of America for the proceeds of the disposal, the fair market value, or the fair rental value of the aircraft or vessel property at the time of such unauthorized transaction or use, as determined by the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes.

(11) If, during the period of restriction, the aircraft or vessel property is no longer suitable, usable or further needed by the donee for the purpose for which acquired, the donee shall promptly notify the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, through the State Agency, and shall, as directed by the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, or the State Agency, retransfer the aircraft or vessel property to another donee, retransfer the aircraft or vessel

property to a department or agency of the United States, sell the aircraft or vessel property, or otherwise dispose of the aircraft or vessel property. Any sale shall be for the benefit and account of the United States of America.

(12) At the option of the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, the donee may obtain abrogation of the terms and conditions set forth in subparagraphs (6) through (11) of this paragraph by payment of an amount as determined by the Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes. Abrogation of restrictions does not apply to combat aircraft.

(13) The Department of Health, Education, and Welfare, in the case of aircraft or vessel property donated for public health or educational purposes, or the Office of Civil Defense, Department of the Army, in the case of aircraft or vessel property donated for civil defense purposes, may terminate all of the above conditions and give unrestricted title to the aircraft or vessel property to the donee whenever such action is determined to be appropriate.

§ 13.11 **Additional terms and conditions.**

The Department may require the inclusion in the donation document of any additional terms and conditions deemed desirable and appropriate.

§ 13.12 **Insurance.**

(a) It is not the Department's policy to require State Agencies to carry insurance as a condition of acquiring Federal surplus personal property for distribution to eligible donees. However, where a State Agency carries insurance against damages to or loss of property due to fire or other hazards and where loss of or damage to Federal surplus personal property occurs, the Department will be entitled to reimbursement from the State Agency of the fair value of the damaged or destroyed Federal property, payable from the insurance proceeds, less the State Agency's actual cost of acquiring and rehabilitating the property prior to its damage or destruction.

(b) It is not the Department's policy to require donees to carry insurance as a condition of donation. However, where a donee carries insurance against damages to or loss of property due to fire or other hazards and where loss of or damage to donated Federal surplus personal property, with unexpired Federal restrictions, occurs, the Department will be entitled to reimbursement by the donee, from the insurance proceeds, of an amount equal to the unamortized portion of the fair value of the damaged or destroyed donated items.

Dated: March 21, 1967.

[SEAL] WILBUR J. COHEN,
*Acting Secretary.*

[F.R. Doc. 67-3342; Filed, Mar. 27, 1967; 8:47 a.m.]

# Title 14—AERONAUTICS AND SPACE

## Chapter I—Federal Aviation Agency

[Docket No. 8015; Amdt. 39-378]

## PART 39—AIRWORTHINESS DIRECTIVES

### Allison-Aero Products Models A6441 FN-606 and A6441FN-606A Propellers

An airworthiness directive was adopted on March 18, 1967, and made effective immediately, by telegram, as to all known operators of Aero Products Models A6441FN-606 and A6441FN-606A propellers installed on Convair Models 340/440 airplanes modification in accordance with STC SA 4-1100 and Lockheed Model 188 series airplanes. The directive was also issued on March 22, 1967, by separate action, as amendment 39-376, to make it effective as to all other persons upon publication in the FEDERAL REGISTER. Since that date the Agency has been advised that a change in the repetitive check requirement from 50 hours time in service to 60 hours would enable certain operators to obtain the pitch lock check at the times provided for certain other scheduled maintenance, and would assist in making available the best qualified and trained personnel for proper performance of pitch lock check.

Since this amendment simply changes the recurrent inspection compliance time from 50- to 60-hour intervals and does not impose a burden on any person, notice and public procedure hereon is unnecessary and good cause exists to make it effective immediately.

In view of the foregoing and pursuant to the authority delegated to me by the Administrator, AD 67-9-1, issued by telegram on March 18, 1967, and issued as Amendment 39-376 on March 22, 1967, is hereby amended by deleting the words "not to exceed 50 hours' time in service" and inserting the words "not to exceed 60 hours time in service" in place thereof.

This amendment is effective immediately.

(Secs. 313(a), 601, and 603 of the Federal Aviation Act of 1958; 49 U.S.C. 1354(a), 1421, and 1423)

Issued in Washington, D.C., on March 24, 1967.

JAMES F. RUDOLPH,
*Acting Director,*
*Flight Standards Service.*

[F.R. Doc. 67-3400; Filed, Mar. 27, 1967; 8:48 a.m.]

[Airspace Docket No. 67-CE-8]

## PART 73—SPECIAL USE AIRSPACE

### Alteration of Restricted Area

On February 21, 1967, a notice of proposed rule making was published in the FEDERAL REGISTER (32 F.R. 3103) stating that the Federal Aviation Agency was considering an amendment to Part 73 of the Federal Aviation Regulations that would increase the time of designation of Restricted Area R-3302, Savanna, Ill.

Interested persons were afforded an opportunity to participate in the proposed rule making through the submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 73 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., April 27, 1967, as hereinafter set forth.

In § 73.33 (32 F.R. 2309), Restricted Area R-3302 Savanna, Ill., is amended as follows:

"Time of designation. 0800 to 2200 c.s.t., Monday through Friday." is deleted and "Time of designation. 0800 to 2200 c.s.t." is substituted therefor.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on March 24, 1967.

WILLIAM E. MORGAN,
*Acting Director, Air Traffic Service.*

[F.R. Doc. 67-3404; Filed, Mar. 27, 1967; 8:48 a.m.]

[Airspace Docket No. 67-CE-9]

## PART 73—SPECIAL USE AIRSPACE

### Alteration of Restricted Area

On February 21, 1967, a notice of proposed rule making was published in the FEDERAL REGISTER (32 F.R. 3103) stating that the Federal Aviation Agency was considering an amendment to Part 73 of the Federal Aviation Regulations that would increase the time of designation of Restricted Area R-3403, Jefferson Proving Ground, Ind.

Interested persons were afforded an opportunity to participate in the proposed rule making through the submission of comments. All comments received were favorable.

In consideration of the foregoing, Part 73 of the Federal Aviation Regulations is amended, effective 0001 e.s.t., April 27, 1967, as hereinafter set forth.

In § 73.34 (32 F.R. 2309), Restricted Area R-3403 Jefferson Proving Ground, Ind., is amended as follows:

"Time of designation. 0800 to 2400 e.s.t." is deleted and "Time of designation. Continuous." is substituted therefor.

(Sec. 307(a) of the Federal Aviation Act of 1958; 49 U.S.C. 1348)

Issued in Washington, D.C., on March 24, 1967.

WILLIAM E. MORGAN,
*Acting Director, Air Traffic Service.*

[F.R. Doc. 67-3405; Filed, Mar. 27, 1967; 8:48 a.m.]

# Title 50—WILDLIFE AND FISHERIES

## Chapter I—Bureau of Sport Fisheries and Wildlife, Fish and Wildlife Service, Department of the Interior

## PART 33—SPORT FISHING

### Brigantine National Wildlife Refuge, N.J.

The following special regulation is issued and is effective on date of publication in the FEDERAL REGISTER.

**§ 33.5 Special regulations; sport fishing; for individual wildlife refuge areas.**

NEW JERSEY

BRIGANTINE NATIONAL WILDLIFE REFUGE

Sport fishing in tidal waters from the shore and access thereto by walking is permitted on Holgate Peninsula and Little Beach Island on the Brigantine National Wildlife Refuge, N.J., through December 31, 1967, except in those areas posted as closed. The open areas, comprising 60 acres, are delineated on a map available at refuge headquarters and from the office of the Regional Director, Bureau of Sports Fisheries and Wildlife, U.S. Post Office and Courthouse, Boston, Mass. 02109. Sport fishing shall be in accordance with all applicable State regulations.

The provisions of this special regulation supplement the regulations governing fishing on wildlife refugee areas generally which are set forth in Title 50, Code of Federal Regulations, Part 33, and are effective through December 31, 1967.

RICHARD E. GRIFFITH,
*Regional Director, Bureau of Sport Fisheries and Wildlife.*

MARCH 20, 1967.

[F.R. Doc. 67-3335; Filed, Mar. 27, 1967; 8:46 a.m.]

# Proposed Rule Making

## DEPARTMENT OF LABOR

### Wage and Hour Division

### [ 29 CFR Part 697 ]

[Administrative Order No. 599]

### SPECIAL INDUSTRY COMMITTEE IN AMERICAN SAMOA

### Appointment; Convention; Notice of Hearing

Pursuant to section 5 and section 6 (a)(3) of the Fair Labor Standards Act of 1938, as amended (29 U.S.C. 205, 206 (a)(3)), and to Reorganization Plan No. 6 of 1950 (3 CFR, 1949–53 Comp., P. 1004), I hereby appoint Special Industry Committee No. 7 for American Samoa. Pursuant to section 6(a)(3) and section 8 of the Act, as amended (29 U.S.C. 206(a)(3), 203) and to Reorganization Plan No. 6 of 1950, I hereby convene this committee, refer to it the question of the minimum wage rate or rates for all industry in American Samoa to be paid under section 6(a)(3) of the Act, as amended, and give notice of the hearing to be held by it.

The Committee shall meet in executive session at 9 a.m., on April 17, 1967, in the Legislative Hall, Pago Pago, American Samoa, and shall commence its hearing at 1 p.m., on the same date at the same place. The industry committee shall investigate conditions in such industry and the committee, or any authorized subcommittee thereof, shall hear such witnesses and receive such evidence as may be necessary or appropriate to enable the Committee to perform its duties and functions under the Act.

The committee shall recommend to the Administrator of the Wage and Hour and Public Contracts Divisions of the Department of Labor the highest minimum rate or rates of wages for such industry which it determines, having due regard to economic and competitive conditions, will not substantially curtail employment in such industry, and will not give any industry in American Samoa a competitive advantage over any industry in the United States outside of Puerto Rico, the Virgin Islands and American Samoa. The committee shall not, however, recommend minimum wage rates in excess of $1.40 an hour for the period ending January 31, 1968, nor in excess of $1.60 an hour thereafter, for work which would have been covered by section 6 of the Act if it had been performed prior to the effective date of the Fair Labor Standards Amendments of 1966. Nor shall the committee recommend minimum wage rates in excess of $1 an hour for the period ending January 31, 1968, nor in excess of $1.15 an hour thereafter, for work brought within the purview of section 6 of the Act by the Fair Labor Standards Amendments of 1966.

Where the committee finds that a higher minimum wage may be determined for employees engaged in certain activities or in the manufacture of certain products in such industry than may be determined for other employees in such industry, the committee shall recommend such reasonable classifications within such industry as it determines to be necessary for the purpose of fixing for each classification the highest minimum wage rate that can be determined for it, under the principles set forth herein, which will not substantially curtail employment in such classification and will not give a competitive advantage to any group in the industry. No classification shall be made, however, and no minimum wage rate shall be fixed solely on a regional basis or on the basis of age or sex. In determining whether there should be classifications within the industry, in making such classifications, and in determining the minimum wage rates for such classifications, the committee shall consider, among other relevant factors, the following: (1) Competitive conditions as affected by transportation, living, and production costs; (2) wages established for work of like or comparable character by collective labor agreements negotiated between employers and employees by representatives of their own choosing; and (3) wages paid for work of like or comparable character by employers who voluntarily maintain minimum wage standards.

The Administrator of the Wage and Hour and Public Contracts Divisions, U.S. Department of Labor, shall prepare an economic report containing the information he has assembled pertinent to the matters referred to the committee. Copies of this report may be obtained at the Office of the Governor, Pago Pago, American Samoa, and the National Office of Wage and Hour and Public Contracts Division, U.S. Department of Labor, Washington, D.C. 20210, as soon as it is completed. The committee will take official notice of the facts stated in this report. Parties, however, shall be afforded an opportunity to refute such facts by evidence received at the hearing.

The procedure of this industry committee will be governed by the provisions of Title 29, Code of Federal Regulations, Part 511. Copies of this part of the regulations will be available at the Office of the Governor in Pago Pago, American Samoa, and at the National Office of the Wage and Hour and Public Contracts Divisions. The proceedings will be conducted in English but in the event a witness should wish to testify in Samoan, an interpreter will be provided. As a prerequisite to participation as a party, interested persons shall file nine copies of a prehearing statement at the aforementioned Office of the Governor of American Samoa and one copy at the National Office of the Wage and Hour and Public Contracts Divisions, U.S. Department of Labor, Washington, D.C. 20210. Each prehearing statement shall contain the data specified in § 511.8 of the regulations and shall be filed not later than April 7, 1967. If such statements are sent by airmail between American Samoa and the mainland, such filing shall be deemed timely if postmarked within the time provided.

Signed at Washington, D.C., this 20th day of March 1967.

W. WILLARD WIRTZ,
*Secretary of Labor.*

[F.R. Doc. 67-3316; Filed, Mar. 27, 1967; 8:45 a.m.]

## FEDERAL MARITIME COMMISSION

### [ 46 CFR Part 510 ]

[Docket No. 67-22; General Order 4]

### OCEAN FREIGHT FORWARDER LICENSES

### Revocation or Suspension

Notice is hereby given that the Commission is considering the promulgation of a rule which would provide for automatic revocation or suspension of an ocean freight forwarder's license for failure of a licensee to maintain a valid surety bond on file with the Commission.

Section 44(c) of the Shipping Act, 1916, provides that no independent ocean freight forwarder license "* * * shall be issued or remain in force unless such forwarder shall have furnished a bond or other security approved by the Commission * * *".

To assure that no such license remains in force according to the above-quoted provision of section 44(c) it is proposed that a procedure be adopted whereby the Commission will, upon receipt of notice of cancellation of any bond, notify the licensee in writing that his license will automatically be suspended or revoked, effective on the bond cancellation date, unless a new or reinstated bond is submitted to and approved by the Commission prior to such date.

Therefore, pursuant to section 4 of the Administrative Procedure Act (5 U.S.C. 1003), sections 43 and 44 of the Shipping Act, 1916 (46 U.S.C. 841 (a), (b); 75 Stat. 522, 766), § 510.9 of Title 46 CFR is proposed to be amended by the addition of the following provisos at the end thereof:

§ 510.9 Revocation or suspension of licenses.

* * * * *

*Provided, however,* That no license shall remain in force unless a valid surety bond is maintained on file with the Commission. A license will be automatically suspended or revoked, without hearing or other proceeding, for failure of a licensee to maintain a valid surety bond on file. The Commission, upon receipt of notice of cancellation of any bond, will notify the licensee in writing that his license will automatically be suspended or revoked, effective on the bond cancellation date, unless a new or reinstated bond is submitted to and approved by the Commission prior to such date:

*Provided further,* That notice of each suspension or revocation effected pursuant to this section shall be published in the FEDERAL REGISTER.

Interested persons may participate in this rulemaking proceeding by filing with the Secretary, Federal Maritime Commission, Washington, D.C. 20573, on or before April 12, 1967, an original and 15 copies of their views or arguments pertaining to the proposed amended rules. All suggestions for changes in the text as set out above should be accompanied by drafts of the language thought necessary to accomplish the desired change and should be supported by statements and arguments relating the proposed change to the purposes of sections 43 and 44 of the Shipping Act, 1916 (46 U.S.C. 841(a) and 841(b)).

The Federal Maritime Commission, Bureau of Compliance, Office of Hearing Counsel shall participate in the proceeding and shall file Reply to Comments on or before April 25, 1967, by serving an original and 15 copies on the Federal Maritime Commission and one copy on each party who filed written comments. Answers to Hearing Counsel's replies shall be submitted to the Federal Maritime Commission on or before May 5, 1967.

By order of the Federal Maritime Commission.

[SEAL] THOMAS LISI,
*Secretary.*

[F.R. Doc. 67-3334; Filed, Mar. 27, 1967; 8:46 a.m.]

# Notices

## DEPARTMENT OF JUSTICE

### Office of the Attorney General

### LEE COUNTY, GA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Lee County, Ga. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3407; Filed, Mar. 24, 1967; 3:53 p.m.]

### SCREVEN COUNTY, GA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Screven County, Ga. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3408; Filed, Mar. 24, 1967; 3:53 p.m.]

### TERRELL COUNTY, GA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Terrell County, Ga. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3409; Filed, Mar. 24, 1967; 3:53 p.m.]

### BOSSIER PARISH, LA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Bossier Parish, La. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3410; Filed, Mar. 24, 1967; 3:53 p.m.]

### CADDO PARISH, LA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Caddo Parish, La. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3411; Filed, Mar. 24, 1967; 3:53 p.m.]

### DE SOTO PARISH, LA.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in De Soto Parish, La. This parish is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3412; Filed, Mar. 24, 1967; 3:53 p.m.]

### AMITE COUNTY, MISS.

**Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)**

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Amite County, Miss. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3413; Filed, Mar. 24, 1967; 3:53 p.m.]

## FRANKLIN COUNTY, MISS.

### Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Franklin County, Miss. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3414; Filed, Mar. 24, 1967; 3:53 p.m.]

## OKTIBBEHA COUNTY, MISS.

### Certification of the Attorney General Pursuant to Section 6 of the Voting Rights Act of 1965 (Public Law 89–110)

In accordance with section 6 of the Voting Rights Act of 1965, I hereby certify that in my judgment the appointment of examiners is necessary to enforce the guarantees of the 15th amendment to the Constitution of the United States in Oktibbeha County, Miss. This county is included within the scope of the determinations of the Attorney General and the Director of the Census made on August 6, 1965, under section 4(b) of the Voting Rights Act of 1965 and published in the FEDERAL REGISTER on August 7, 1965 (30 F.R. 9897).

RAMSEY CLARK,
*Attorney General of the United States.*

MARCH 23, 1967.

[F.R. Doc. 67-3415; Filed, Mar. 24, 1967; 3:53 p.m.]

# DEPARTMENT OF AGRICULTURE

## Consumer and Marketing Service

## CERTAIN HUMANELY SLAUGHTERED LIVESTOCK

### Identification of Carcasses; Changes in Lists of Establishments

Pursuant to section 4 of the Act of August 27, 1958 (7 U.S.C. 1904), and the statement of policy thereunder in 9 CFR 381.1, the lists (31 F.R. 16724, 32 F.R. 1059, 3715) of establishments which are operated under Federal inspection pursuant to the Meat Inspection Act (21 U.S.C. 71 et seq.) and which use humane methods of slaughter and incidental handling of livestock are hereby amended as indicated in the following table listing species at additional establishments and additional species at previously listed establishments that have been reported as being slaughtered and handled humanely.

| Name of establishment | Establishment No. | Cattle | Calves | Sheep | Goats | Swine | Horses |
|---|---|---|---|---|---|---|---|
| Dallas City Packing Co. | 156. | (*) | | | | | |
| Butcher Boy Packing Co. | 688. | (*) | | | | | |
| New establishments reporting: 2. | | | | | | | |
| Armour & Co. | 2AT. | | | | (*) | | |
| West Coast Meat Co., Inc. | 117. | | | (*) | | (*) | |
| Silver Falls Packing Co., Inc. | 153. | | | (*) | | | |
| Azalea Meats of Georgia, Inc. | 348. | | | | | (*) | |
| Fresno Meat Packing Co. | 354. | | (*) | | | | |
| Frosty Morn Meats. | 731. | | (*) | | | | |
| Nat Buring Packing Co. of Arkansas. | 857B. | (*) | | | | | |
| Longhorn Meat Packers, Inc. | 976. | | (*) | | | | |
| Species Added: 9. | | | | | | | |

Done at Washington, D.C., this 23d day of March 1967.

R. K. SOMERS,
*Deputy Administrator, Consumer Protection, Consumer and Marketing Service.*

[F.R. Doc. 67-3345; Filed, Mar. 27, 1967; 8:47 a.m.]

# AUTOMOTIVE AGREEMENT ADJUSTMENT ASSISTANCE BOARD

## CERTAIN WORKERS OF ROCKWELL-STANDARD CORP., LYON DIVISION, ADRIAN, MICH.

### Summary of Final Determinations and Notice of Certification Regarding Petition for Determination of Eligibility To Apply for Adjustment Assistance

*Determinations of the Board.* Pursuant to the Automotive Products Trade Act of 1965 (Public Law 89–283; 79 Stat. 1016) the Automotive Agreement Adjustment Assistance Board determines that:

Dislocation of workers in the Rockwell-Standard Corp., Lyon Division plant, at Adrian, Mich., has occurred, or threatens to occur, since a significant number or proportion of the workers have become or will become unemployed.

The operation of the United States-Canadian Automotive Products Agreement has been the primary factor in causing, or threatening to cause, such dislocation (section 302, Act; § 501.9, Board regulations).

*Certification.* The Board hereby certifies that the workers of the Rockwell-Standard Corp., Lyon Division plant, at Adrian, Mich., who became or will become, unemployed or underemployed on or after November 29, 1966, are eligible to apply for adjustment assistance.

*Background.* A petition for a determination of eligibility to apply for adjustment assistance under the Automotive Products Trade Act of 1965 was filed with the Automotive Agreement Adjustment Assistance Board on January 10, 1967, on behalf of a group of workers employed by the Rockwell-Standard Corp. in Adrian, Mich. The hourly workers are represented by two unions—the International Association of Machinists (Local 1268) and the Metal Polishers, Buffers, Platers, and Helpers International (Local 69). The petition alleged that the actual and threatened dislocation of employees is due to pressure from Rockwell-Standard Corp.'s customers to manufacture larger quantities of wheel covers in Canada. The petition further stated that the petitioners believe the primary factor causing, or threatening to cause, the unemployment at the Adrian plant is the existence of the United States-Canadian Automotive Agreement.

On January 16, 1967, the Automotive Assistance Committee of the Board requested the U.S. Tariff Commission to investigate and report on the facts relating to this petition (32 F.R. 833, Jan. 24, 1967). Public hearings were not requested by any interested party and none were ordered by the Commission.

The Commission submitted its report on March 7, 1967 (APTA–W–6). The Commission stated that only certain sections of the report could be made public since much of the data it contains were received in confidence (32 F.R. 3954, Mar. 10, 1967).

The Board also obtained advice from the Departments of the Treasury, Commerce, Labor, and the Small Business Administration under section 302(f)(1) of the Act.

*The Rockwell-Standard Corp. and its Lyon Division.* Rockwell-Standard Corp. operates 34 plants in the United States and 11 plants in Canada. In 1966, parts for automobiles, trucks, trailers, and buses accounted for 65 percent of sales.

Rockwell-Standard acquired the assets of Lyon, Inc., an independent parts producer in November 1965. Lyon produced wheel covers and hubcaps at several plants including the plant at Adrian, one at Grenada, Miss., and one at Windsor, Ontario.

On November 29, 1966, union officials were advised that the corporation planned to close the Adrian plant. On January 7, 1967, a company letter was issued to employees informing them that the plant would be closed. At the same time a layoff schedule was promulgated. As a result, some workers quit or found other employment. In its notice to the employees, Rockwell-Standard noted that the Adrian facility was old and outmoded; savings could be realized by concentrating production in fewer plants; the company had been under constant pressure from its customers to increase production in Canada so that the cus-

tomers could take advantage of the United States-Canadian Automotive Products Agreement.

Rockwell-Standard began phasing out production in February and planned to have all production terminated by the end of March 1967.

*Conclusions and determinations*—1. *Automotive product.* The petitioners worked in a plant of the Rockwell-Standard Corp. manufacturing automotive products, as defined by the Act: Wheel covers and hubcaps, a major part of which were for use as original equipment in the assembly of motor vehicles.

The Board, therefore, concludes that the requirements of section 302(a)(2) and 302(1)(1) of the Act are satisfied.

2. *Dislocation.* Dislocation in the case of a group of workers means actual or threatened unemployment or underemployment of a significant number or proportion of the workers of a firm or an appropriate subdivision thereof. As of February 23, 1967, at least 52 workers had been separated from the Adrian plant; the remaining employees were on notice that their employment would be terminated by May 1, 1967. All hourly workers in the plant (approximately 300 on December 31, 1966), were involved in the production of the automotive products concerned.

The Board, therefore, determines that the entire Adrian plant of the Lyon Division is the "appropriate subdivision" of the Rockwell-Standard Corp. and that the workers thereof are, or will be, dislocated (§ 501.2(1)(2), Board regulations).

3. *Role of the operation of the Agreement.* Pursuant to section 302(b)(2) and (3) of the Act, the Tariff Commission obtained data indicative of U.S. production, U.S. imports from Canada, U.S. exports to Canada, and Canadian production of wheel covers and hubcaps for use as original equipment in the assembly of motor vehicles. On the basis of these data the Board determines that recent U.S. production of wheel covers and hubcaps is greater than that of model year 1964 and therefore section 302(b)(2) of the Act is not satisfied.

Therefore, the Board considered whether the operation of the Agreement has nevertheless been the primary factor in causing or threatening to cause the dislocation of the group of workers (section 302(d), Act). The Act (section 302(1)(4)) defines the "operation of the Agreement" to include governmental or private action in the United States or Canada directly related to the conclusion or implementation of the Agreement. "Primary factor" means a factor which is greater in importance than any other single factor present in a given case, but which does not have to be greater than any combination of other factors (§ 501.2(j), Board regulations).

The Board attaches special significance to the company statement that it was under constant pressure from its customers to increase manufacturing in Canada in order to obtain the benefits of the United States-Canadian Agreement. Purchases of original auto equipment from the Windsor plant could be used by the auto manufacturers in fulfilling part of their commitments to the Canadian Government with respect to Canadian "value added."[1] The Board also attaches significance to the fact that elimination of the U.S. duty on original equipment wheel covers and hubcaps from Canada in accordance with the Agreement favorably affected the ability of Rockwell-Standard to supply some U.S. demand by exports from the Windsor plant.

In the Board's judgment these considerations were compelling in the company's decision to terminate the Adrian operation and transfer the majority of Adrian orders to the Windsor plant.

The Board, therefore, determines that the operation of the United States-Canadian Automotive Products Agreement has been the primary factor in causing, or threatening to cause, the dislocation of workers from the Lyon Division of the Rockwell-Standard Corp. in Adrian, Mich.

(Sec. 302, Automotive Products Trade Act of 1965, 79 Stat. 1018; Executive Order 11254, 30 F.R. 13569; Automotive Agreement Adjustment Assistance Board Regs., 48 CFR Part 501, 31 F.R. 827; Board Order No. 1, 31 F.R. 853)

Attest:

EDGAR I. EATON,
*Executive Secretary, Automotive Agreement Adjustment Assistance Board.*

MARCH 22, 1967.

[F.R. Doc. 67-3314; Filed, Mar. 27, 1967; 8:45 a.m.]

[1] Copies of letters from the automobile manufacturers on these commitments appear, among other places, in Appendix C of House Report No. 537, Committee on Ways and Means, 89th Cong., 1st sess.

# CIVIL AERONAUTICS BOARD

[Docket No. 17828; Order No. E-24884]

## INTERNATIONAL AIR TRANSPORT ASSOCIATION

### Agreement Regarding Reduced Fares for Passenger Sales Agents

Adopted by the Civil Aeronautics Board at its office in Washington, D.C. on the 22d day of March 1967.

Agreement adopted by Traffic Conference 1 of the International Air Transport Association relating to reduced fares for passenger sales agents; Docket 17828, Agreement CAB 19463.

An agreement has been filed with the Board, pursuant to section 412(a) of the Federal Aviation Act of 1958 (the Act) and Part 261 of the Board's Economic Regulations, between various air carriers, foreign air carriers, and other carriers, embodied in the resolutions of Traffic Conference 1 of the International Air Transport Association (IATA), and adopted by mail vote. The agreement has been assigned the above-designated CAB Agreement number.

The agreement accords U.S. IATA passenger sales agents, who failed to submit to the Traffic Conference Secretary a list of personnel eligible for reduced-fare transportation on a timely basis, a second opportunity to make such filings. The agreement requires that within 30 days after it is declared effective, the Traffic Conference Secretary must notify agents of their right to submit delayed filings. Agents, in turn, may submit delayed filings within 30 days from the date of notice.

The Board, acting pursuant to sections 102, 204(a), and 412 of the Act, does not find Agreement CAB 19463, which incorporates IATA Resolution 100 (Mail 485) 203x, to be adverse to the public interest or in violation of the Act.

*Accordingly, it is ordered*, That:

Agreement CAB 19463 is approved.

Any air carrier party to the agreement, or any interested person, may, within 15 days from the date of service of this order, submit statements in writing containing reasons deemed appropriate, together with supporting data, in support of or in opposition to the Board's action herein. An original and 19 copies of the statements should be filed with the Board's Docket Section. The Board may, upon consideration of any such statements filed, modify, or rescind its action herein by subsequent order.

This order will be published in the FEDERAL REGISTER.

By the Civil Aeronautics Board.

[SEAL] HAROLD R. SANDERSON,
*Secretary.*

[F.R. Doc. 67-3336; Filed, Mar. 27, 1967; 8:46 a.m.]

# FEDERAL COMMUNICATIONS COMMISSION

[Docket Nos. 15461 etc.; FCC 67R-94]

## CHAPMAN RADIO AND TELEVISION CO. ET AL.

### Memorandum Opinion and Order Enlarging Issues

In re applications of William A. Chapman and George K. Chapman, doing business as Chapman Radio and Television Co., Homewood, Ala., Docket No. 15461, File No. BPCT-3282; Alabama Television, Inc., Birmingham, Ala., Docket No. 16760, File No. BPCT-3706; Birmingham Broadcasting Co., Birmingham, Ala., Docket No. 16761, File No. BPCT-3707; for construction permit for new television broadcast station; Birmingham Television Corp. (WBMG), Birmingham, Ala., Docket No. 16758, File No. BPCT-3663; for modification of construction permit.

1. The four applicants named above are each seeking permission to construct a television broadcast station on Channel 21, and the comparative cases are currently being heard by Hearing Examiner David I. Kraushaar. Now before the Review Board is a petition to enlarge issues, filed by Birmingham Television Corp (hereinafter, petitioner) on January 31, 1967. The petition seeks against

Birmingham Broadcasting Co. (hereinafter, BBC) the addition of four issues "classified generally as 'character' issues" by petitioner. A Broadcast Bureau comment of February 23, 1967, supports the greater part of the petition. An opposition to the petition was filed by BBC on February 24, 1967,[1] petitioner replying to the opposition on March 2, 1967.

2. The issues requested by petitioner read as follows:

(a) To determine the circumstances surrounding the representations by Birmingham Broadcasting Co. that A. G. Gaston, Arthur D. Shores, and James T. Montgomery are corporate directors, and whether the facts adduced reflect on that applicant to the point of requiring its disqualification or the assessment of a comparative demerit against it.

(b) To determine whether Birmingham Broadcasting Co. has failed to file ownership reports and stock agreements as required by §§ 1.613 and 1.615 of the rules, and whether the facts adduced reflect adversely on that applicant to the point requiring its disqualification or the assessment of a comparative demerit against it.

(c) To determine the circumstances surrounding the representations by Birmingham Broadcasting Co. that Jesse L. Lewis is a stockholder, and whether the facts adduced reflect adversely on that applicant to the point of requiring its disqualification or the assessment of a comparative demerit against it.

(d) To determine whether papers filed with the Commission by Birmingham Broadcasting Co. have been properly notarized or signed by the persons whose signatures they purport to contain, and whether the facts adduced reflect adversely on that applicant to the point of requiring its disqualification or the assessment of a comparative demerit against it.

3. For its first requested issue, petitioner relies upon the following: BBC is the licensee of standard broadcast station WLPH, Irondale, Ala. Its television application, signed and filed on January 24, 1966, indicated that it had three stockholders (Lang, Parker, and Hyde), each of whom were directors, and that other shares would be issued to four subscribers (Gaston, Lewis, Shores, and Montgomery), none of whom were contemplated as directors. However, in exhibits prepared for an exhibit-exchange of November 7, 1966, it was stated that Gaston, Shores, and Montgomery, as well as Lang, Parker, and Hyde, were directors. Notwithstanding those exhibits, in a proposed amendment (to BBC's application) of January 12, 1967,[2] it was indicated that Lang, Parker, and Hyde were the only directors of the corporation.

4. Although it appears to be petitioner's position that the above suggests misrepresentations by BBC at one or more stages of the proceeding, the Board views BBC's explanation as satisfactory.[3] Thus, an attachment to BBC's opposition reveals that although Gaston, Shores, and Montgomery were elected as directors on January 17, 1966, prior to the filing of the application, the affected portions of the application had already been completed by Parker. Because these directorships were disclosed in the exhibits of November 7, 1966, and because there appears no motive for concealing the new directorships in connection with either the application of January 24, 1966, or the tendered amendment of January 12, 1967, BBC's explanation that the omissions in the latter two documents were inadvertent rings true, and petitioner's first requested issue is refused. Although the factual situation involved reflects carelessness with respect to a number of BBC's filings, no case for misrepresentation has been established by petitioner.

5. BBC admits that reports revealing the changes in BBC's corporate affairs were not filed until February 23, 1967, and petitioner's second requested issue deals with BBC's lack of compliance (as licensee of WLPH) with §§ 1.613 and 1.615 of the Commission's rules.[4] Again, however, no motive for concealment appears, and an issue contemplating BBC's disqualification would be inappropriate. Nevertheless, the facts involved are relevant to the question of BBC's past broadcast record, and inquiry as to such facts—under the standard comparative issue, and without the addition of a special issue—should be allowed by the Examiner.[5]

6. In its supporting material for its third requested issue, petitioner suggests that Lewis has been falsely held out by BBC as a stock subscriber. Principally relied upon by petitioner is an attachment to BBC's petition for leave to amend of January 12, 1967, consisting of the minutes of a BBC corporate meeting of November 26, 1966. The minutes recite that "All of the Stock Holders and Directors were present," but whereas all of the other of BBC's principals signed the minutes, Lewis did not. Notwithstanding the connotations contained in petitioner's reply, the Board regards BBC's explanation of the foregoing as valid: Lang, Parker, and Hyde signed the minutes as existing stockholders and directors, and Gaston, Shores, and Montgomery as existing directors; Lewis could not sign, since he is only a stock subscriber and not a stockholder or director. Although during the course of comparative hearings, the terms "stock subscribers" and "stockholders" are sometimes used interchangeably, this cannot serve to confer on a mere stock subscriber the status of stockholder for all corporate affairs. In short, there is nothing in petitioner's pleadings casting any significant doubt on the representation that Lewis has been, from all pertinent times in the past through the present, a BBC stock subscriber.

7. As one part of its support for its fourth requested issue, petitioner points out that in two Parker affidavits of January 20, 1967, both notarized by the same District of Columbia notary public, the one is headed "City of Washington, District of Columbia" and the other "State of Alabama, City of Birmingham." Petitioner questions how the notary "could have acknowledged an oath in Birmingham on January 20, and an oath in Washington, D.C., on the same date."[6] Again, however, BBC's explanation is satisfactory: The affidavit with the Alabama heading had been prepared by Parker in Alabama in the expectation that it would be executed there; when it was actually executed in Washington, the principals to the transaction neglected to conform the heading to the venue of the notary public.

8. The other phase of petitioner's support for its fourth requested issue relates to the obvious differences between the Parker signature on the proposed amendment of January 12, 1967, and Parker's signatures on other documents submitted in this proceeding. It now appears that one of BBC's Washington communications counsel signed Parker's name to the proposed amendment, and the explanation is as follows: Parker had personally worked on the document involved but was unable to keep an appointment with counsel to sign it; accordingly, by phone, Parker instructed counsel to sign Parker's name "acting as

[1] Under an extension of time allowed by the Board by order released Feb. 15, 1967 (FCC 67R-54), the opposition should have been filed on the previous day. However, the opposition was accompanied by a motion for acceptance of late filing; the motion sets forth good cause for the delay of 1 day, is unopposed, and is hereby granted.

[2] The amendment was refused by the Hearing Examiner for want of good cause by order released Jan. 24, 1967 (FCC 67M-122).

[3] BBC questions the timeliness of the petition on the basis that petitioner was alerted to the directorship matter as early as November 1966. To the extent that BBC's position here is arguable, it is so only with respect to issue-requests herein denied by the Board. Accordingly, the timeliness question need not be resolved.

[4] BBC's opposition states that the reason for the failure in this respect "is not within the knowledge of undersigned counsel, who * * * were not handling the day-to-day affairs of [BBC] at the time." This disclaimer ignores the facts that ownership reports are a matter of licensee responsibility, and that BBC included Parker in its listing of legal counsel on its application.

[5] In other words, petitioner was not required to seek an issue in order to inquire into the question as a matter of comparative qualifications.

[6] One of the Parker affidavits attests that he read an attached "Motion to Dismiss," and petitioner points out that the attached material was actually a "Motion for Disqualification of Counsel." Although it is obvious that carelessness crept into still another BBC filing, there is no question but that the signature on the affidavit is Parker's, and support is lacking for the more sinister connotations suggested by petitioner.

his agent".[1] However, the explanation is inconsistent with other averments in BBC's opposition. Thus, at page 3 of the opposition, in explaining why the amendment omitted Gaston, Shores and Montgomery as directors, it is stated that "the amendment was prepared by new counsel [of the same law firm] who was not as yet familiar with the case", and that "Counsel who prepared the amendment did not handle [BBC's] affairs, initially, including the original application, the amendment to the application in November 1966, the exhibit preparation (except programing) or the actual conduct of the hearing." There is no contention in that portion of the opposition that Parker participated in the preparation of the proposed amendment; and that he did not is suggested by the probability that if he had, the omission of the three directors from the proposed amendment would not have occurred. In the latter connection, the exhibits which were prepared for the exhibit-exchange of November 7, 1966 —which reveal Gaston, Shores and Montgomery as directors—were declared by BBC to have been "Prepared by or under [Parker's] direction."[2] Since the proposed amendment of January 12, 1967, consists of but one page, even a cursory examination of it by Parker would have revealed to him the omission in question. In view of the foregoing inconsistencies, the Board deems it advisable that there be inquiry as to the matter on the hearing record, and an appropriate issue is set forth below. The burden of proof with respect to the added issue shall be on BBC.

*Accordingly, it is ordered*, This 17th day of March 1967, That the motion for acceptance of late filing, filed by Birmingham Broadcasting Co. on February 24, 1967, is granted; that the petition to enlarge issues, filed by Birmingham Television Corp. (WBMG) on January 31, 1967, is granted to the extent indicated above and is denied in all other respects; and that the issues in this proceeding are enlarged by the addition of the following issue, the issue to be inserted ahead of the last two issues specified in the Commission's designation order herein:

To determine all of the facts and circumstances surrounding the preparation and filing of Birmingham Broadcasting Co.'s proposed amendment of January 12, 1967, whether misrepresentations in connection therewith have been made to the Commission, and whether the facts adduced bear upon that applicant's requisite or comparative qualifications in this proceeding.

Released: March 23, 1967.

FEDERAL COMMUNICATIONS COMMISSION,[3]
[SEAL] BEN F. WAPLE,
*Secretary.*

[F.R. Doc. 67-3339; Filed, Mar. 27, 1967; 8:47 a.m.]

[1] Both Parker and counsel indicate that this is so. The opposition contends that "because Parker was unable to reach the office on time," counsel's signing of Parker's name "was a perfectly reasonable action to be taken by counsel—acting as his agent—under the circumstances delineated above." However, the procedure utilized lacked accord with § 1.513 of the Commission's rules. Paragraph (a) of that section requires that "applications, amendments thereto, and related statements of fact required by the Commission shall be personally signed by an officer, if the applicant is a corporation". Paragraph (b) of the section permits the applicant's attorney to sign the document "in case of the applicant's physical disability or of his absence from the United States", the signing attorney to "separately set forth the reason why the application is not signed by the applicant." For a Commission case involving section 1.513, see WMOZ, Inc., 36 FCC 201, 218, 1 RR 2d 801, 827 (1964).

[2] It may be noted that BBC has not yet sought to conform its application to the exhibits submitted. See section 1.65 of the rules.

[3] Board member Kessler not participating.

[Docket No. 16828; FCC 67-386]

## AMERICAN BROADCASTING COMPANIES, INC.

### Memorandum Opinion and Order Continuing Hearing

In the matter of applications by American Broadcasting Companies, Inc., for assignment of licenses of stations: WABC, WABC-FM, WABC-TV, New York, N.Y., WLS-FM, WBKB, Chicago, Ill., KGO, KGO-FM, KGO-TV, San Francisco, Calif., KABC, KABC-FM, KABC-TV, Los Angeles, Calif.; for transfer of control of stations: WLS, Chicago, Ill., KQV and KQV-FM, Pittsburgh, Pa., WXYZ, WXYZ-FM, WXYZ-TV, Detroit, Mich.; for assignments and transfer of ancillary radio facilities; Docket No. 16828.

1. The Commission has before it for consideration an "Application for Continuance of Hearing" filed by the Department of Justice on March 21, 1967, the Broadcast Bureau's statement in support of this request, and the Opposition of the American Broadcasting Cos., Inc. (ABC), and International Telephone and Telegraph Corp. (ITT).

2. By our order of March 16, 1967, we designated the above-applications for hearing to be held before Chief Hearing Examiner James D. Cunningham. In view of our finding that the public interest required this supplemental proceeding to be conducted as expeditiously as possible without prejudice to the compilation of a full record, we scheduled the hearing to commence on March 27, 1967. The Department of Justice seeks a 2-week postponement to April 10.

3. We have determined to grant this request in view of the representations of the Department of Justice that such continuance "will lead to economy of presentation and to adequacy of preparation" which, in turn, will expedite the proceeding from an overall time standpoint.

4. There is one other facet of this hearing concerning which we believe we can appropriately provide guidance at this time. Our memorandum opinion and order of December 21, 1966, which has been stayed pending our further order, granted ITT's request that certain designated portions of its filings, consisting of stockholder lists and agreements between ITT and foreign governments, be designated as not for public inspection. Subsequently, ITT has requested that certain additional documents that have been filed herein be accorded the same status. In view of the present circumstances of this proceeding, we now delegate to Chief Hearing Examiner Cunningham the authority to rule on the status of all such documents and the manner of receiving any testimony concerning them that may become necessary. ITT should accompany any motion in this respect with an appropriate showing that a serious injury to its business would result from public disclosure of this information. We thus follow the standard laid down in Federal Communications Commission v. Schreiber, 381 U.S. 279, 285 (1965).

5. *Accordingly, it is ordered*, That the application of the Department of Justice for continuance of hearing is granted and that the hearing commence at 9 a.m., April 10, 1967, in Room 7134, New Post Office Building, Washington, D.C., upon the issues previously designated.

6. *It is further ordered*, That Chief Hearing Examiner Cunningham is delegated authority to rule on any question which the parties may raise concerning public disclosure of evidence.

Adopted: March 22, 1967.

Released: March 23, 1967.

FEDERAL COMMUNICATIONS COMMISSION,[4]
[SEAL] BEN F. WAPLE,
*Secretary.*

[F.R. Doc. 67-3338; Filed, Mar. 27, 1967; 8:46 a.m.]

[Docket No. 16709; FCC 67M-476]

## ISLAND BROADCASTING SYSTEM (WRIV), INC.

### Order Continuing Hearing

In re application of Island Broadcasting, System (WRIV), Inc., Riverhead New York, Docket No. 16709, File No. BPCT-3475; for construction permit (Channel 55).

The Hearing Examiner having under consideration the informal request for continuance of hearing filed on March 17, 1967, by Island Broadcasting System, Inc.;

It appearing, that the Broadcast Bureau, the only other party to the proceeding, has orally consented to immediate consideration and grant of the said request which is predicated on the absence of counsel for Island from Washington, D.C., on the presently scheduled date:

*It is ordered*, This 20th day of March 1967 that the said request is granted and

[4] Commissioners Loevinger and Wadsworth absent.

the hearing herein presently scheduled for March 21, 1967, is continued to April 6, 1967, commencing at 10 a.m. in the offices of the Commission at Washington, D.C.

Released: March 22, 1967.

FEDERAL COMMUNICATIONS COMMISSION,
[SEAL] BEN F. WAPLE,
*Secretary.*

[F.R. Doc. 67-3340; Filed, Mar. 27, 1967; 8:47 a.m.]

[Docket Nos. 17065, 17066; FCC 67-317]

## STEPHEN VAUGHAN & ASSOCIATES AND MULTIVISION NORTHWEST, INC.

### Memorandum Opinion and Order Amending Designation Document

In re petitions by Stephen Vaughan & Associates, Cleveland, Tenn., Docket No. 17065, File No. CATV 100-7; Multivision Northwest, Inc., Dalton, Ga., Docket No. 17066, File No. CATV 100-73; for authority pursuant to § 74.1107 to operate CATV systems in Cleveland and Dalton.

1. By memorandum opinion and order, FCC 66-1176, released January 5, 1967, we denied petitions, filed by the above-captioned CATV systems, for waiver of hearing and for authority pursuant to § 74.1107 of the rules to operate CATV systems in Cleveland, Tenn., and Dalton, Ga.[1] A consolidated hearing was ordered on issues to determine, inter alia: (a) Extent of present and proposed CATV service in the Chattanooga market; (b) the effects of such service upon existing, proposed, and potential television stations in the market; (c) the present policy and proposed future plans of Stephen Vaughn & Associates with respect to the furnishing of any service other than the relay of the signals of broadcast stations; (d) and whether the CATV proposal is consistent with the public interest.

2. We now have under consideration several petitions for reconsideration of the designation order, which were filed by Vaughan, by Rust Craft Broadcasting of Tennessee, Inc. (WRCB-TV), and by Roy H. Park Broadcasting of Tennessee, Inc. (WDEF-TV).[2] The Vaughan system, which is not yet in operation, seeks permission to carry the three stations from Knoxville, Tenn., the three VHF stations from Atlanta, Ga., and the educational station from Athens, Ga. In concluding that Vaughan had not made a case for waiver of § 74.1107 so that it could carry the proposed distant television signals without a hearing, we stated that the reasons advanced in support of its petition did not "meet our concern for the public interest in the preservation of the UHF potential, particularly in view of the substantial UHF activity in this television market and the comparatively slight CATV penetration." We also concluded that it would be appropriate to grant interim relief to permit carriage by Vaughan of the Knoxville stations and the Athens educational station in view of the equities of the situation, the size of the Cleveland community, its distance from Chattanooga, and the availability of Grade B signals from Knoxville in the adjoining county.

(3) The Vaughan petition, which will be discussed first, seeks reconsideration of the designation order and grant of its request for waiver of § 74.1107 without a hearing. Vaughan now declares that "it does not intend to proceed with the evidentiary hearing, irrespective of what action the Commission may take" on the instant petition for reconsideration. Vaughan also states that based on its experience with its affiliated Athens, Tenn., CATV system, carriage of the Knoxville and Chattanooga stations alone would not support a system in Cleveland, since, like the Athens subscribers, its Cleveland customers would desire the Atlanta stations. Vaughan submits that, should the Commission desire to consider a partial waiver appropriate, it should be authorized to carry the Atlanta signals. Vaughan then asserts that if the Commission does not grant authorization for it to carry at least the Atlanta signals, "the Cleveland system will not be constructed and placed into operation."

4. Vaughan declares that its "decision not to proceed is based solely on finances and the uncertainty of the future" and that it "cannot justify substantial additional expenditures when the entire basis for them may be rendered moot in the reasonably near future." In this connection, Vaughan refers to the various court tests of the Commission's CATV rules as well as the litigation and legislative proposals involving the copyright question which, it avers, may destroy the principal foundation of the second report and order, 2 FCC 2d 725 (1966).

5. In further support of its request for waiver, Vaughan raises a question of hardship and states that it has committed or owes approximately $300,000 to $325,000 for its CATV system. Vaughan asserts that, assuming a 75 percent penetration of Cleveland's population of 16,196 and its 5,000 estimated homes, it would serve only 1.2 percent of the television homes in the Chattanooga market. In order to avoid any proliferation argument, Vaughan states that it would forego any plans to add distant signals to its affiliated CATV systems in Athens, Red Bank-White Oak, and Dayton, Tenn. Referring to its pleadings filed prior to the designation of this proceeding for hearing, Vaughan claims that a CATV system would benefit rather than harm UHF television because it plans to carry all Chattanooga UHF stations, thus making such UHF stations immediately accessible to the CATV subscribers without waiting for the desired effect of the all-channel receiver legislation. Vaughan concludes that, although the expiration of the CATV system would satisfy the Chattanooga stations, its request for a waiver should be granted since the Commission has recognized that the provision of multiple signals is in the public interest where, as here, no public detriment would result.

6. With respect to Vaughan's assertions that, no matter what disposition is made of its petition, it will not participate in this evidentiary hearing and that it will not construct its system unless waiver is granted to carry at least the Atlanta stations, these are business judgments which Vaughan itself will have to make. We can give them no weight in determining whether or not the public interest would be served by a waiver of § 74.1107 without a hearing. As to Vaughan's reliance upon its expenses and potential liabilities, this is an equitable argument, and we believe it to be incumbent upon Vaughan to establish, at the least, that the execution of its contracts could not have been postponed, that the contracts could not have been renegotiated, or that the sums had been spent prior to February 15, 1966. Vaughan has not provided such information in its petition for reconsideration or in any other pleading.[3] Under these circumstances we do not believe that Vaughan's expenditures and contractual obligations should be determinative factors in Vaughan's favor in disposing of its petition for reconsideration.

7. The remaining contentions urged by Vaughan do not contain any new facts or arguments supporting a grant of its request without hearing. Vaughan asserts, however, that these factors establish that its CATV system would have little effect upon the Chattanooga market. As noted above, the second issue in this proceeding is designed to permit a determination of that precise point. In designating this matter for hearing, we concluded that such a determination could be made only after a hearing has been held at which each of the parties will have a full opportunity to present its evidence. The matters relied upon by Vaughan were before us when we issued the designation order herein, and its present contentions have in no way impaired the considerations which prompted us to specify this hearing. For these reasons we conclude that

[1] Since no question has been raised at this time with respect to the Dalton, Ga., proposal, it will be excluded from our consideration in this memorandum opinion and order.

[2] The following pleadings are now before us: (1) Petition for reconsideration filed Jan. 18, 1967, by WRCB-TV; (2) Petition for reconsideration filed Jan. 23, 1967, by WDEF-TV; (3) Opposition to WRCB-TV's petition filed Jan. 25, 1967, by Vaughan; (4) Reply to Vaughan's opposition filed Jan. 30, 1967, by WRCB-TV; (5) Broadcast Bureau's comments on the petitions for reconsideration filed Feb. 1, 1967; (6) Petition for reconsideration and grant without hearing filed Jan. 27, 1967, by Vaughan; (7) Opposition to Vaughan's petition filed Feb. 8, 1967, by WRCB-TV; (8) Broadcast Bureau's comments on Vaughan's petition filed Feb. 9, 1967; (9) Opposition to Vaughan's petition filed Feb. 9, 1967, by WDEF-TV; and (10) Reply to the oppositions filed Feb. 23, 1967, by Vaughan.

[3] In addition to there being nothing in the Commission's files to indicate the dates when Vaughan's expenditures took place, we note that the contract for actual construction of its system was not entered into until Jan. 29, 1966, less than 3 weeks before the Commission's public notice of Feb. 15, 1966, concerning the CATV rules, was issued.

Vaughan's request for waiver of § 74.1107 without hearing must be denied.

8. We next turn to the petitions of WRCB–TV and WDEF–TV, which request us to reconsider our grant of interim relief to Vaughan, permitting it to carry the distant Knoxville stations. With respect to these petitions, we note that Vaughan has made unequivocal representations: (a) That "it does not intend to proceed with the evidentiary hearing, irrespective of what action the Commission may take" on its petition for reconsideration; and (b) that it will not construct and place into operation the Cleveland CATV system unless it is permitted, at this time and without a hearing, to carry the Atlanta stations. The pleadings herein indicate that Vaughan had not laid its cable or erected the head end of its system at the time it filed its original petition for waiver on March 29, 1966, and that Vaughan has not yet commenced operation. Since (a) the interim operation was to last only until this proceeding is resolved; (b) Vaughan has now categorically stated that, unless its petition for reconsideration is granted, it will not proceed with the hearing nor commence operation without the Atlanta stations; and (c) we have denied herein Vaughan's petition for reconsideration, the reasons for interim authorization no longer exits. Therefore, such interim permission will be withdrawn. Under these circumstances the petitions for reconsideration filed by WRCB–TV and WDEF–TV will be dismissed as moot.

9. *Accordingly, it is ordered*, This 15th day of March 1967:

(a) That the petition for reconsideration and grant without hearing, filed by Stephen Vaughan and Associates on January 27, 1967, is denied;

(b) That paragraph 7 of the memorandum opinion and order (FCC 66–1176, released January 5, 1967, 6 FCC 2d 291) designating this proceeding for hearing is deleted and the authorization for the CATV system to be operated by Stephen Vaughan and Associates in Cleveland, Tenn., to carry the signals of the Knoxville, Tenn., television stations and the educational station in Athens, Ga., is withdrawn; and

(c) That the petition for reconsideration, filed by Rust Craft Broadcasting of Tennessee, Inc., on January 18, 1967, and the petition for reconsideration, filed by Roy H. Park Broadcasting of Tennessee, Inc., on January 23, 1967, are dismissed as moot.

Released: March 20, 1967.

FEDERAL COMMUNICATIONS COMMISSION [1],
[SEAL] BEN F. WAPLE,
*Secretary.*

[F.R. Doc. 67-3341; Filed, Mar. 27, 1967; 8:47 a.m.]

[1] Dissenting statement of Commissioner Bartley filed as part of original document; Commissioner Loevinger abstaining from voting.

# FEDERAL MARITIME COMMISSION

[Independent Ocean Freight Forwarder License No. 1077]

## OCEANBROKERS, INC.

### Revocation of License

Whereas, by order served September 19, 1966, the Federal Maritime Commission suspended the Independent Ocean Freight Forwarder License No. 1077 of Oceanbrokers, Inc., 500 Sansome Street, San Francisco, Calif. 94111, for a period not to exceed six (6) months;

Whereas, the Commission further ordered that the Director, Bureau of Domestic Regulation forthwith revoke Independent Ocean Freight Forwarder License No. 1077 should the licensee fail within the six (6) month period allotted to (1) reactivate its forwarding business, and (2) submit a valid surety bond to the Commission.

*It is ordered*, Pursuant to the Commission order served September 19, 1966, the Independent Ocean Freight Forwarder License No. 1077 of Oceanbrokers, Inc., is hereby revoked effective March 23, 1967.

*It is further ordered*, That a copy of this order be published in the FEDERAL REGISTER and served on the licensee.

JAMES E. MAZURE,
*Director,*
*Bureau of Domestic Regulation.*

[F.R. Doc. 67-3333; Filed, Mar. 27, 1967; 8:46 a.m.]

# FOREIGN-TRADE ZONES BOARD

[Order No. 72]

## PORT OF NEW ORLEANS, LA.

### Grant for Foreign-Trade Subzone at Taft, St. Charles Parish, La.

Resolution approving application of the Board of Commissioners of the Port of New Orleans, and order authorizing the issuance of a grant for a Foreign-Trade Subzone at Taft, St. Charles Parish, La.

Proceedings of the Foreign-Trade Zones Board, Washington, D.C.

*Resolution and order.* Pursuant to the authority granted in the Foreign-Trade Zones Act of June 18, 1934, as amended (48 Stat. 998–1003; 19 U.S.C. 81a–81u) and the Foreign-Trade Zones Board Regulations (15 CFR 400.304), the Foreign-Trade Zones Board has adopted the following resolution and order:

The Board having considered the matter: *It is ordered:*

Upon examination, the application, dated November 6, 1964, from the Board of Commissioners of the Port of New Orleans, Grantee of Foreign-Trade Zone No. 2, New Orleans, La., for the privilege of establishing, operating, and maintaining a foreign-trade subzone at Taft, St. Charles Parish, La., at which Union Carbide Corp. would conduct certain chemical manufacturing operations, has been found to be in proper order and in compliance with the Foreign-Trade Zones Act, as amended, and the rules and regulations made thereunder. The Board has further found that the existing foreign-trade zone at New Orleans will not serve adequately the convenience of commerce with respect to the proposed purposes of such subzone. Now, therefore, said application for a subzone grant is approved; and the Secretary of Commerce, as Chairman and Executive Officer of the Board, is hereby authorized and directed to sign and issue in favor of the Board of Commissioners of the Port of New Orleans, a grant permitting the establishment, operation, and maintenance of a foreign-trade subzone at Taft, St. Charles Parish, La., in compliance with the application on file with the Foreign-Trade Zones Board. The grant shall be issued subject to settlement locally of specifications and requirements of the Army District Engineer and the District Director of Customs according to the Board's regulations.

GRANT TO ESTABLISH, OPERATE, AND MAINTAIN A FOREIGN-TRADE SUBZONE AT TAFT, ST. CHARLES PARISH, LA.

Whereas, by an Act of Congress approved June 18, 1934, an Act, "To provide for the establishment, operation, and maintenance of foreign-trade zones in ports of entry of the United States, to expedite and encourage foreign commerce, and for other purposes," as amended (48 Stat. 998–1003; U.S.C. Title 19, section 81a–81u), hereinafter referred to as "the Act," the Foreign-Trade Zones Board, hereinafter referred to as "the Board," is authorized and empowered to grant to corporations the privilege of establishing, operating and maintaining foreign-trade zones in or adjacent to ports of entry under the jurisdiction of the United States; and

Whereas, the Foreign-Trade Zones Board Regulations provide (15 CFR 400.304) that the establishment of a foreign-trade subzone in an area separate from an existing zone, for one or more of the specialized purposes of storing, manipulating, manufacturing, or exhibiting goods may be authorized if the Board finds that existing or authorized zones will not serve adequately the convenience of commerce with respect to the proposed purposes; and

Whereas, the Board of Commissioners of the Port of New Orleans, a public corporation, organized and existing under the laws of the State of Louisiana, having its office and principal place of business in the city of New Orleans, in the State of Louisiana, hereinafter referred to as "the Grantee" has made application in due and proper form to the Board for the establishment, operation, and maintenance of a foreign-trade subzone, designated on the records of the Board, as Subzone No. 2–A, at Taft, St. Charles Parish, La., as shown on the map accompanying said application, marked Exhibit No. 10; and,

Whereas, the purpose of the proposed subzone is to provide the Grantee of the existing zone with the means to permit the operation of a petrochemical manufacturing plant utilizing as raw materials imported naphtha; and,

Whereas, notice of said application has been given and published, and full opportunity has been afforded all interested parties to be heard; and,

Whereas, the Board has found the proposed plans and location are suitable for the accomplishment of the purposes of a foreign-trade subzone under the Act, and that the facilities and appurtenances which in said application it is proposed to provide are sufficient.

Now, therefore, the Board, subject to the provisions, conditions, and restrictions of the Act, as amended, and all the rules and regulations thereunder, hereby grants to the Board of Commissioners of the Port of New Orleans, Grantee, the privilege of establishing, operating, and maintaining a foreign-trade subzone, designated on the records of the Board as Subzone No. 2–A, at the specific location mentioned above and more particularly described on the map accompanying said application, marked Exhibit No. 10, said grant being subject to the provisions, conditions, and restrictions of the Act and of all of the rules and regulations made thereunder, to the same extent as though the same were fully set forth herein; and, also to the following express conditions and limitations, to wit:

The Grantee shall make no deviation from the maps, plans, specifications, drawings, and blue prints, accompanying the said application and marked Exhibits Nos. 1 to 13, inclusive, before or after completion of the structures or work involved, unless modification of such maps, plans, specifications, drawings and blue prints has previously been submitted to and has received the approval of the Board.

The work of construction under this grant shall commence immediately following the date of the grant; said work shall be prosecuted to completion and the work of construction shall be completed and operation of the subzone shall be commenced by the Grantee within a reasonable time from the date of issuance of the subzone grant. The Grantee shall notify the United States District Engineer in whose District the subzone is to be located of the date upon which work will begin and as far in advance thereof as the District Engineer may reasonably specify, and shall notify him promptly in writing of any suspension of construction for a period of more than 1 week, and of its resumption and completion.

The Grantee shall comply fully with all applicable provisions of the laws for the protection and preservation of the navigable waters of the United States, and shall secure legally required authorizations and approval for work in navigable waters of the United States. The grant herein made shall not be construed as conveying such approval.

The Grantee shall allow officers and employees of the United States of America free and unrestricted access in, to, and throughout said subzone in the performance of their official duties.

This grant shall not be construed to relieve the Grantee from liability for injury or damage to the person or property of others occasioned by the construction, operation, or maintenance of said subzone, and in no event shall the United States of America be liable therefor.

This grant is issued subject to settlement locally by the District Director of Customs and the District Engineer with the applicant regarding compliance with the respective requirements for the protection of the revenue of the United States and erection and installation of physical facilities of the subzone within a reasonable time after issuance of the grant.

In witness whereof, the Foreign-Trade Zones Board has caused its name to be signed and its seal to be affixed hereto by its Chairman and Executive Officer, at Washington, D.C., this 16th day of March 1967, pursuant to order of the Board.

[SEAL] ALEXANDER B. TROWBRIDGE,
*Chairman and Executive Officer,*
*Foreign-Trade Zones Board.*

Attest:

RICHARD H. LAKE,
*Executive Secretary.*

CERTIFICATE BY EXECUTIVE SECRETARY

I, Richard H. Lake, Executive Secretary of the Foreign-Trade Zones Board, do hereby certify that the following is a true extract from the records of the proceedings of that portion of the minutes (memorandum) of March 16, 1967, of the Foreign-Trade Zones Board relating to the matter hereinbefore in this grant described:

Upon examination, the application, dated November 6, 1964, from the Board of Commissioners of the Port of New Orleans, Grantee of Foreign-Trade Zone No. 2, New Orleans, La., for the privilege of establishing, operating, and maintaining a foreign-trade subzone at Taft, St. Charles Parish, La., at which Union Carbide Corp. would conduct certain chemical manufacturing operations, has been found to be in proper order and in compliance with the Foreign-Trade Zones Act, as amended, and the rules and regulations made thereunder. The Board has further found that the existing foreign-trade zone at New Orleans will not serve adequately the convenience of commerce with respect to the proposed purposes of such subzone.

Now, therefore, said application for a subzone grant is approved; and the Secretary of Commerce, as Chairman and Executive Officer of the Board, is hereby authorized and directed to sign and issue in favor of the Board of Commissioners of the Port of New Orleans, a grant permitting the establishment, operation, and maintenance of a foreign-trade subzone at Taft, St. Charles Parish, La., in compliance with the application on file with the Foreign-Trade Zones Board. The grant shall be issued subject to settlement locally of specifications and requirements of the Army District Engineer and the District Director of Customs according to the Board's regulations.

Witness my hand and the seal of the Foreign-Trade Zones Board this 16th day of March 1967, at Washington, D.C.

[SEAL] RICHARD H. LAKE,
*Executive Secretary.*

[F.R. Doc. 67-3337; Filed, Mar. 27, 1967; 8:46 a.m.]

# OFFICE OF ECONOMIC OPPORTUNITY

## SECRETARY OF LABOR

### Delegation of Authorities

1. The Delegation of Authorities dated October 23, 1964, and approved by the President October 24, 1964 (29 F.R. 14764) is hereby rescinded insofar as it applies to programs under Title I, Part B, of the Economic Opportunity Act of 1964, 78 Stat. 512, as amended, 42 U.S.C. 2731–36.

2. Pursuant to section 602(d) of the Economic Opportunity Act, the powers of the Director under Title I, Part B (Work-Training Programs), Title I, Part D (Special Impact Programs), and sections 205(d) and 205(e) of the Economic Opportunity Act are hereby delegated to the Secretary of Labor. The powers of the Director under sections 208, 209(c), 602, and 610–1(c) of the Economic Opportunity Act are also delegated to the Secretary of Labor to the extent he deems necessary or appropriate for carrying out his functions in exercising the specified powers. All powers hereby delegated shall be exercised in accordance with the following paragraphs.

3. Concurrent authority under section 205(d) is retained by the Director for the purpose of assisting projects of the type known as Foster Grandparent Programs.

4. The delegated powers shall be administered by a single staff within the Department of Labor. They may be redelegated by the Secretary with or without authority for further redelegation.

5. The delegated powers shall be exercised pursuant to regulations which shall be developed by a joint task force of the Department of Labor and the Office of Economic Opportunity and which shall be prescribed jointly by the Director and the Secretary. Such regulations shall include statements of the nature and objectives of the programs, criteria for program evaluation, and other policy matters of fundamental importance. More detailed implementing policies and operating guidelines shall be developed by a joint task force and shall be issued by the Secretary.

6. In communities served by community action agencies, the community action agency shall be the prime grantee or prime contractor for all projects. Exceptions to this policy may be made for compelling program reasons after consultation between the staffs of the Office of Economic Opportunity and the Department of Labor. Disagreements shall be resolved jointly by the Director and the Secretary.

7. In communities served by community action agencies, project participants shall be selected by the community action agency or its delegate agencies, or pursuant to cooperative arrangements between the community action agency and the U.S. Employment Service.

8. In order to insure compliance with section 203 of the Act, the Director of the Office of Economic Opportunity shall retain final authority over availability of funds for particular projects under sections 205(d) and 205(e).

9. All operating information, evaluation reports, and other data concerning the programs administered under the delegated powers shall be freely exchanged between the Director and the

Secretary pursuant to sections 602(d) and 611 of the Act.

Dated: March 10, 1967.

SARGENT SHRIVER,
*Director,*
*Office of Economic Opportunity.*

Approved: March 14, 1967.

LYNDON B. JOHNSON,
*President of the United States.*

[F.R. Doc. 67-3381; Filed, Mar. 27, 1967; 8:48 a.m.]

# SECURITIES AND EXCHANGE COMMISSION

[812-2065]

## CONTRAFUND, INC.

### Notice of Filing of Application for Order Exempting Transactions Between Affiliated Persons

MARCH 22, 1967.

Notice is hereby given that Contrafund, Inc. ("applicant") 35 Congress Street, Boston, Mass., a Massachusetts corporation and a registered open-end management investment company, has filed an application pursuant to section 17(b) of the Investment Company Act of 1940 ("Act") requesting an order of the Commission exempting from the provisions of section 17(a) of the Act a proposed redemption in kind of a portion of applicant's outstanding capital stock by Fidelity Foundation ("Foundation"). All interested persons are referred to the application which is on file with the Commission for a statement of applicant's representations, which are summarized below.

Foundation, as a result of its 30.8 percent stock ownership, is an affiliated person of applicant and the proposed redemption in kind by the Foundation is deemed a purchase within the meaning of section 17(a)(2) of the Act. The Commission pursuant to section 17(b) of the Act has authority to issue an order exempting this redemption in kind from the prohibitions of section 17(a)(2) if it finds that the terms of the proposed transaction, including the consideration to be paid or received, are reasonable and fair and do not involve overreaching on the part of any person concerned, that the proposed transaction is consistent with the policy of each registered investment company concerned and that it is consistent with the general purposes of the Act.

The transactions which gave rise to the instant proposal involved the Foundation, Fidelity Management & Research Co. ("Adviser"), investment adviser to the applicant, and the applicant. Since June 30, 1966, when the applicant filed a registration statement under the Act, it has operated as a registered investment company. The Adviser purchased 26 shares of stock, the total number of shares outstanding as of the date of this application, for an aggregate amount of $650,000 in cash at various times between the date of organization of applicant and September 30, 1964. On December 29, 1966, and January 11, 1967, 8 of said shares, or approximately 30.8 percent of the outstanding shares, were transferred to and are now owned by the Foundation.

The management of the applicant is planning a public offering of the shares of the applicant at an initial public offering price of approximately $10 per share. Prior to said offering, the management of the applicant will convene a shareholder's meeting to change each of the shares then oustandng into a sufficient number of additional shares to enable the offering price to be established at approximately that level. Foundation has indicated its intention to redeem its shares prior to the public offering and has agreed to take payment in kind. The securities involved in the redemption in kind will be chosen by the applicant from among those having the highest unrealized appreciation at the time of the redemption.

The applicant states that the terms of the proposed transaction are reasonable and fair because they afford the applicant the opportunity of redeeming Foundation's shares without the realization of taxable gain for Federal income tax purposes whereas the sale of portfolio securities to produce cash would result in such taxable gain to the applicant. The applicant further states that this redemption is consistent with the applicant's investment policies in that it represents a valid exercise of the applicant's corporate powers in satisfying its contractual obligation to redeem its shares on demand of a shareholder.

Notice is further given that any interested person may, not later than April 10, 1967, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reason for such request and the issues, if any, of fact or law proposed to be controverted, or he may request that he be notified if the Commission should order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon the applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0-5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission upon the basis of the information stated in said application, unless an order for hearing upon said application shall be issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission (pursuant to delegated authority).

[SEAL] ORVAL L. DUBOIS,
*Secretary.*

[F.R. Doc. 67-3318; Filed, Mar. 27, 1967; 8:45 a.m.]

[811-235]

## MUTUAL INVESTORS CO.

### Notice of Filing of Application for Order Declaring Company Has Ceased To Be an Investment Company

MARCH 22, 1967.

Notice is hereby given that Mutual Investors Co. ("Applicant"), 735 North Water Street, Milwaukee, Wis. 53202, a Wisconsin corporation and a management closed-end diversified investment company registered under the Investment Company Act of 1940 ("Act"), has filed an application pursuant to section 8(f) of the Act for an order of the Commission declaring that Applicant has ceased to be an investment company by reason of the exception afforded by section 3(c)(1) of the Act. All interested persons are referred to the application on file with the Commission for a statement of the representations contained therein.

Applicant, which was organized on February 17, 1925, registered under section 8(a) of the Act by filing a notification of registration on November 1, 1940. Applicant states that its securities are owned beneficially by 79 persons, and that no company owns 10 percent or more of its outstanding voting securities. Applicant states further that it is not making and that it does not presently propose to make a public offering of its securities.

Section 3(c)(1) of the Act excepts from the definition of an investment company any issuer whose outstanding securities (other than short-term paper) are beneficially owned by not more than 100 persons and which is not making and does not presently propose to make a public offering of its securities.

Section 8(f) of the Act provides, in pertinent part, that whenever the Commission upon application finds that a registered investment company has ceased to be an investment company, it shall so declare by order and upon the taking effect of such order, the registration of such company shall cease to be in effect.

Notice is further given that any interested person may, not later than April 17, 1967, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reason for such request and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission shall order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served

is located more than 500 miles from the point of mailing) upon Applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0–5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission upon the basis of the information stated in said application, unless an order for hearing upon said application shall be issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission (pursuant to delegated authority).

ORVAL L. DUBOIS,
*Secretary.*

[F.R. Doc. 67-3319; Filed, Mar. 27, 1967; 8:45 a.m.]

[812-2089]

## NATIONAL AVIATION CORP.

### Notice of Filing of Application for Order of Exemption To Permit Purchase of Securities During an Underwriting

MARCH 22, 1967.

Notice is hereby given that National Aviation Corp. ("Applicant"), 111 Broadway, New York, N.Y. 10006, a closed-end, nondiversified management investment company registered under the Investment Company Act of 1940 ("Act"), has filed an application pursuant to section 10(f) of the Act for an order of the Commission exempting from the provisions of section 10(f) a proposed purchase by the Applicant at the public offering price of up to $2 million principal amount convertible subordinated debentures due 1992 ("the debentures") which Lockheed Aircraft Corp. ("the Issuer") proposes to issue. The proposed purchase is a portion of an offering of $125 million principal amount of debentures expected to be offered to the public as soon as the registration statement on Form S–1 of the Issuer, filed March 2, 1967, shall be made effective pursuant to section 8(a) of the Securities Act of 1933. All interested persons are referred to the application on file with the Commission for a statement of the representations made therein which are summarized below.

The firm of Hornblower & Weeks-Hemphill, Noyes will probably be one of the principal underwriters for the issue. Howard E. Buhse, a director of Applicant and a member of the executive committee, is a partner of that firm. Section 10(f) of the Act, as here pertinent, provides that no registered investment company shall knowingly purchase or otherwise acquire, during the existence of any underwriting or selling syndicate, any security (except a security of which such company is the issuer) if a director of the registered investment company is an affiliate of a principal underwriter of such security. Since one of the Applicant's directors is an affiliated person of one of the principal underwriters offering the debentures, the purchase thereof by the Applicant is prohibited. The Commission may exempt a transaction from this prohibition if and to the extent that such exemption is consistent with the protection of investors.

The Applicant in support of its application asserts that the proposed purchase of the debentures is consistent with Applicant's investment objectives and policies and is not proposed for the purpose of stimulating the market in the debentures or for the purpose of relieving the underwriters of securities otherwise unmarketable, that it will not purchase the debentures from Hornblower & Weeks-Hemphill, Noyes, that the terms of the proposed investment, if consummated, are fair and reasonable, that the amount paid will represent 2.16 percent of the Applicant's assets as of March 2, 1967, and that the investment of the Applicant in all securities of the Issuer will represent approximately 4.68 percent of the Applicant's assets as of March 2, 1967.

Notice is further given that any interested person may, not later than April 11, 1967, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reasons for such request and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission shall order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon Applicant at the address stated above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0–5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission upon the basis of the information stated in said application, unless an order for hearing upon said application shall be issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission (pursuant to delegated authority).

[SEAL] ORVAL L. DUBOIS,
*Secretary.*

[F.R. Doc. 67-3320; Filed, Mar. 27, 1967; 8:45 a.m.]

[811-980]

## TEMPLETON, LIDDELL & SCHROEDER FUND, INC.

### Notice of Application for Order Declaring That Company Has Ceased To Be an Investment Company

MARCH 22, 1967.

Notice is hereby given that Templeton, Liddell & Schroeder Fund, Inc. ("Applicant"), 163 Engle Street, Englewood, N.J., a New Jersey corporation and a management open-end diversified investment company registered under the Investment Company Act of 1940 ("Act"), has filed an application pursuant to section 8(f) of the Act for an order declaring that Applicant has ceased to be an investment company. All persons are referred to the application on file with the Commission for a statement of the facts which are summarized below.

As of November 21, 1966, there were 11 natural persons holding outstanding shares of the Applicant and the aggregate net asset value of the Applicant was $87,100. Applicant represents that it is not presently making and does not presently propose to make a public offering of its securities.

Section 3(c)(1) of the Act provides that any issuer whose outstanding securities (other than short term paper) are beneficially owned by not more than 100 persons and which is not making and does not presently propose to make a public offering of its securities is not an investment company within the meaning of the Act.

Section 8(f) of the Act provides, in pertinent part, that when the Commission, upon application, finds that a registered investment company has ceased to be an investment company, it shall so declare by order and upon the taking effect of such order, the registration of such company shall cease to be in effect.

Notice is further given that any interested person may, not later than April 17, 1967, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reason for such request and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission should order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (airmail if the person being served is located more than 500 miles from the point of mailing) upon Applicant. Proof of such service (by affidavit or in the case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0–5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission upon the basis of the information stated in said application, unless an order for hearing upon said application shall be

issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission (pursuant to delegated authority).

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F.R. Doc. 67-3321; Filed, Mar. 27, 1967; 8:45 a.m.]

[811-1042, 811-1043]

## UNITED VARIABLE ANNUITIES FUND, INC., AND UNITED VARIABLE ANNUITIES TRUST

### Notice of Application for Order Declaring That Company Has Ceased To Be an Investment Company

MARCH 22, 1967.

Notice is hereby given that United Variable Annuities Fund, Inc. ("Fund"), c/o Chauncey L. Waddell, 20 West Ninth Street, Kansas City, Mo., a Maryland corporation and a management open-end diversified investment company, and United Variable Annuities Trust ("Trust"), a Missouri trust and a unit investment trust (herein collectively called "Applicants") both registered under the Investment Company Act of 1940 ("Act") have filed an application pursuant to section 8(f) of the Act for an order declaring that Applicants have ceased to be investment companies. All persons are referred to the application on file with the Commission for a statement of the facts which are summarized below.

No securities of either the Fund or the Trust has ever been sold to the public or otherwise. Neither the Fund nor the Trust have had or now have any assets. Both the Fund and the Trust are not and do not hold themselves out as being primarily and do not propose to engage primarily, in the business of investing, reinvesting, or trading in securities.

Section 8(f) of the Act provides in pertinent part, that when the Commission, on application, finds that a registered investment company has ceased to be an investment company, it shall so declare by order and upon the taking effect of such order the registration of such company shall cease to be in effect.

Notice is further given that any interested person may, not later than April 17, 1967, at 5:30 p.m., submit to the Commission in writing a request for a hearing on the matter accompanied by a statement as to the nature of his interest, the reason for such request and the issues of fact or law proposed to be controverted, or he may request that he be notified if the Commission shall order a hearing thereon. Any such communication should be addressed: Secretary, Securities and Exchange Commission, Washington, D.C. 20549. A copy of such request shall be served personally or by mail (air mail if the person being served is located more than 500 miles from the point of mailing) upon Applicants at the address set forth above. Proof of such service (by affidavit or in case of an attorney at law by certificate) shall be filed contemporaneously with the request. At any time after said date, as provided by Rule 0-5 of the rules and regulations promulgated under the Act, an order disposing of the application herein may be issued by the Commission upon the basis of the showing contained in said application, unless an order for hearing upon said application shall be issued upon request or upon the Commission's own motion. Persons who request a hearing or advice as to whether a hearing is ordered, will receive notice of further developments in this matter, including the date of the hearing (if ordered) and any postponements thereof.

For the Commission (pursuant to delegated authority).

[SEAL] ORVAL L. DUBOIS, *Secretary.*

[F.R. Doc. 67-3322; Filed, Mar. 27, 1967; 8:45 a.m.]

# SMALL BUSINESS ADMINISTRATION

[Declaration of Disaster Area 606]

## KENTUCKY

### Declaration of Disaster Area

Whereas, it has been reported that during the month of March 1967, because of the effects of certain disasters, damage resulted to residences and business property located in Perry County in the State of Kentucky;

Whereas, the Small Business Administration has investigated and has received other reports of investigations of conditions in the areas affected;

Whereas, after reading and evaluating reports of such conditions, I find that the conditions in such areas constitute a catastrophe within the purview of the Small Business Act, as amended.

Now, therefore, as Administrator of the Small Business Administration, I hereby determine that:

1. Applications for disaster loans under the provisions of section 7(b)(1) of the Small Business Act, as amended, may be received and considered by the offices below indicated from persons or firms whose property, situated in the aforesaid county and areas adjacent thereto, suffered damage or destruction resulting from floods and accompanying conditions occurring on or about March 5 through March 10, 1967.

OFFICE

Small Business Administration Regional Office, Fourth and Broadway, Louisville, Ky. 40202.

2. A temporary office will be located at Hazard, Ky., address to be announced locally.

3. Applications for disaster loans under the authority of this Declaration will not be accepted subsequent to September 30, 1967.

Dated: March 20, 1967.

BERNARD L. BOUTIN, *Administrator.*

[F.R. Doc. 67-3323; Filed, Mar. 27, 1967; 8:46 a.m.]

[Declaration of Disaster Area 605]

## WEST VIRGINIA

### Declaration of Disaster Area

Whereas, it has been reported that during the month of March 1967, because of the effects of certain disasters, damage resulted to residences and business property in Nicholas County in the State of West Virginia;

Whereas, the Small Business Administration has investigated and has received other reports of investigations of conditions in the area affected;

Whereas, after reading and evaluating reports of such conditions, I find that the conditions in such area constitute a catastrophe within the purview of the Small Business Act, as amended.

Now, therefore, as Administrator of the Small Business Administration, I hereby determine that:

1. Applications for disaster loans under the provisions of section 7(b)(1) of the Small Business Act, as amended, may be received and considered by the Office below indicated from persons or firms whose property, situated in the aforesaid county and areas adjacent thereto, suffered damage or destruction resulting from tornado and accompanying conditions occurring on or about March 14, 1967.

Small Business Administration Regional Office, 119 North Third Street, Clarksburg, W. Va. 26301.

2. Applications for disaster loans under the authority of this Declaration will not be accepted subsequent to September 30, 1967.

Dated: March 20, 1967.

BERNARD L. BOUTIN, *Administrator.*

[F.R. Doc. 67-3324; Filed, Mar. 27, 1967; 8:46 a.m.]

# TARIFF COMMISSION

## WATCHES AND WATCH MOVEMENTS FROM INSULAR POSSESSIONS

### Consumption of Watch Movements in 1966 and of Quotas for Duty-Free Entry in 1967

MARCH 22, 1967.

In accordance with headnote 6(c) of schedule 7, part 2, subpart E, of the Tariff Schedules of the United States (TSUS), the Tariff Commission has determined that the apparent U.S. consumption of watch movements for the

calendar year 1966 was 42,237,000 units, and that the number of watches and watch movements, the product of the Virgin Islands, Guam, and American Samoa, which may be entered free of duty during the calendar year 1967 under headnote 6(b) of said Subpart E of the TSUS is as follows:

| | *Units* |
|---|---|
| Virgin Islands | 4,106,375 |
| Guam | 390,927 |
| American Samoa | 195,698 |

By order of the Commission.

DONN N. BENT,
*Secretary.*

[F.R. Doc. 67-3325; Filed, Mar. 27, 1967; 8:46 a.m.]

## CUMULATIVE LIST OF PARTS AFFECTED—MARCH

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# FEDERAL REGISTER

VOLUME 32 • NUMBER 59

Tuesday, March 28, 1967 • Washington, D.C.

PART II

Department of Commerce

Bureau of International Commerce

•

## Revision of Commodity Control List

86-000 O - 67 - 1 Pt. II

# Title 15—COMMERCE AND FOREIGN TRADE

## Chapter III—Bureau of International Commerce, Department of Commerce

SUBCHAPTER B—EXPORT REGULATIONS

[10th Gen. Rev. of C.C.L. 8]

## PART 399—COMMODITY CONTROL LIST

### Revision of List

Part 399 of Title 15 of the Code of Federal Regulations is amended by revising the Commodity Control List in § 399.1 to read as set forth below.

(Sec. 3, 63 Stat. 7; 50 U.S.C. App. 2023; E.O. 10945, 26 F.R. 4487, 3 CFR 1959–63 Comp.; E.O. 11038, 27 F.R. 7003, 3 CFR 1959–63 Comp.)

Effective date: November 14, 1966.

RAUER H. MEYER,
*Director,*
*Office of Export Control.*

[F.R. Doc. 67-3196; Filed, Mar. 27, 1967; 8:45 a.m.]

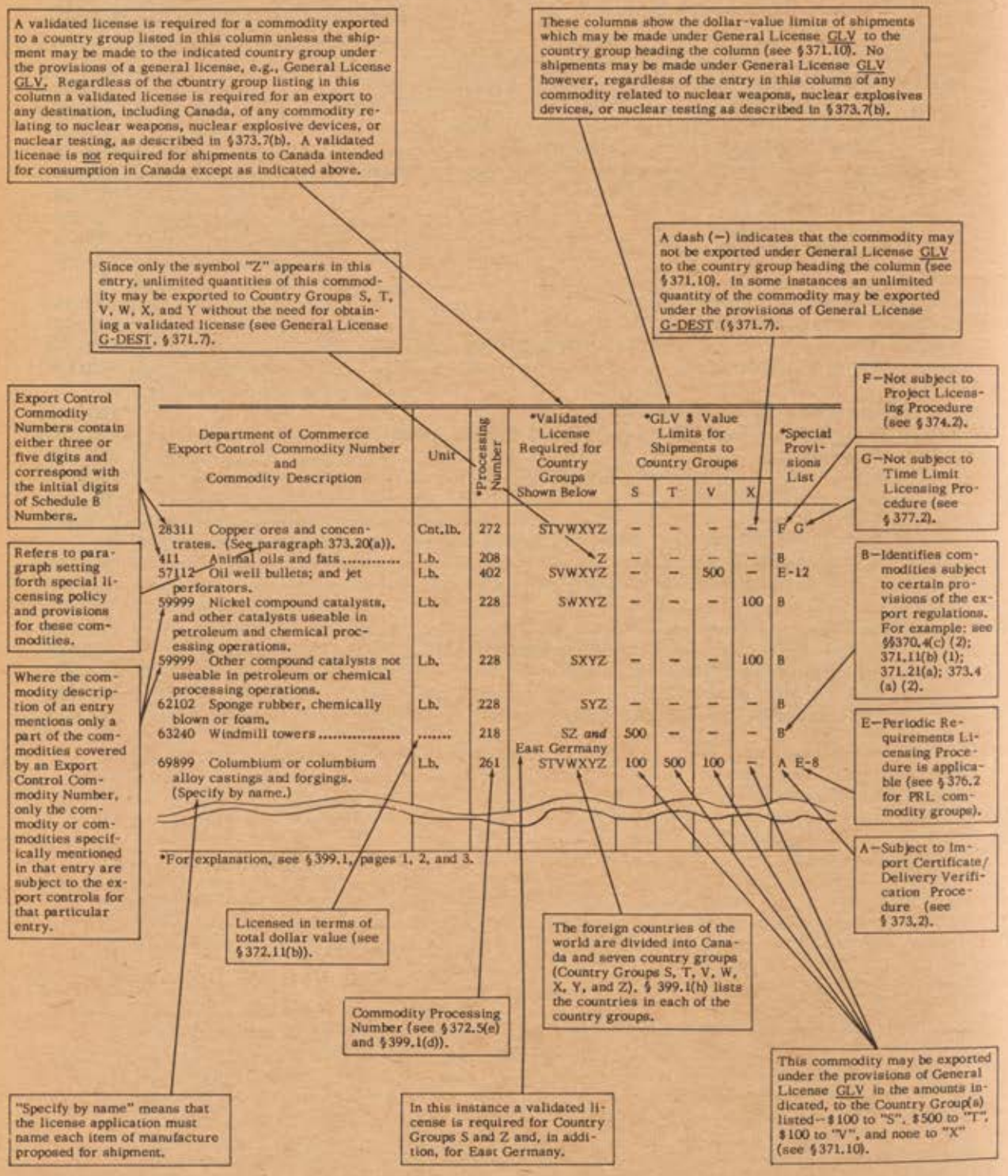
## COMMODITY SECTIONS AND SUB-SECTIONS

Export Control Commodity classifications are divided into major Sections which in turn are subdivided into Sub-Sections of related commodities. Below are the titles of the Sections and Sub-Sections appearing on the Commodity Control List, and initial page number of each Section and Sub-Section.


| Section Number | Commodity Section and Sub-Section | Commodity Control List Page No. |
|---|---|---|
| 0 | **Food and Live Animals** | CCL-1 |
| | Live animals | CCL-1 |
| | Meat and meat preparations | CCL-1 |
| | Dairy products and eggs | CCL-1 |
| | Fish and fish preparations | CCL-1 |
| | Cereals and cereal preparations | CCL-1 |
| | Fruit and vegetables | CCL-2 |
| | Sugar, sugar preparations, and honey | CCL-2 |
| | Coffee, tea, cocoa, spices, and manufactures thereof | CCL-3 |
| | Feeding-stuff for animals, excluding unmilled cereals | CCL-3 |
| | Miscellaneous food preparations | CCL-3 |
| 1 | **Beverages and Tobacco** | CCL-4 |
| | Beverages | CCL-4 |
| | Tobacco and tobacco manufactures | CCL-4 |
| 2 | **Crude Materials, Inedible, Except Fuels** | CCL-4 |
| | Hides, skins, and fur skins, undressed | CCL-4 |
| | Oil-seeds, oil nuts, and oil kernels, and flour and meal of oil seeds, nuts, and kernels | CCL-5 |
| | Crude rubber, including synthetic and reclaimed rubber | CCL-5 |
| | Wood, lumber, and cork | CCL-6 |
| | Pulp and waste paper | CCL-7 |
| | Textile fibers, not manufactured into yarn, thread, or fabrics, and their waste | CCL-7 |
| | Crude fertilizers and crude minerals, excluding coal, petroleum, and precious stones | CCL-9 |
| | Metalliferous ores and metal scrap | CCL-10 |
| | Crude animal and vegetable materials, n.e.c | CCL-12 |
| 3 | **Mineral Fuels, Lubricants, and Related Materials** | CCL-13 |
| | Coal, coke, and briquets | CCL-13 |
| | Petroleum and petroleum products | CCL-13 |
| | Gas, natural and manufactured | CCL-17 |
| 4 | **Animal and Vegetable Oils and Fats** | CCL-17 |
| | Animal oils and fats | CCL-17 |
| | Vegetable oils and fats, except hydrogenated | CCL-18 |
| | Fatty acids, waxes, and specially treated fats and oils, excluding petroleum products | CCL-18 |
| | Animal and vegetable oils and fats, n.e.c., for relief or charity | CCL-19 |
| 5 | **Chemicals** | CCL-19 |
| | Chemical elements and compounds | CCL-19 |
| | Mineral tar, tar oils, and crude chemicals from coal, petroleum, and natural gas | CCL-32 |
| | Dyeing, tanning, and coloring materials, natural and synthetic | CCL-32 |
| | Medicinal and pharmaceutical products | CCL-34 |
| | Essential oils and perfume materials; toilet, polishing, and cleansing preparations | CCL-36 |
| | Fertilizers, manufactured | CCL-36 |
| | Explosives and pyrotechnic products | CCL-37 |
| | Plastic materials, regenerated cellulose, and artificial resins | CCL-38 |
| | Chemical materials and products, n.e.c | CCL-40 |

| Section Number | Commodity Section and Sub-Section | Commodity Control List Page No. |
|---|---|---|
| 6 | **Manufactured Goods Classified Chiefly by Material** | CCL-45 |
| | Leather, leather manufactures, n.e.c., and dressed fur skins | CCL-45 |
| | Rubber manufactures, n.e.c. | CCL-46 |
| | Wood and cork manufactures, excluding furniture | CCL-47 |
| | Paper, paperboard, and manufactures thereof | CCL-48 |
| | Textile yarn, fabrics, made-up articles and related products | CCL-51 |
| | Non-metallic mineral manufactures, n.e.c. | CCL-60 |
| | Iron and steel | CCL-66 |
| | Non-ferrous metals | CCL-74 |
| | Manufactures of metals, n.e.c. | CCL-81 |
| 7 | **Machinery and Transport Equipment** | CCL-99 |
| | Machinery, other than electric | CCL-99 |
| | Electrical machinery, apparatus, and appliances | CCL-140 |
| | Transport equipment | CCL-190 |
| 8 | **Miscellaneous Manufactured Articles** | CCL-199 |
| | Sanitary, plumbing, heating, and lighting fixtures and fittings | CCL-199 |
| | Furniture | CCL-200 |
| | Travel goods, handbags, and other personal goods | CCL-200 |
| | Clothing and accessories | CCL-200 |
| | Footwear | CCL-203 |
| | Professional, scientific, and controlling instruments; photographic and optical goods, watches, and clocks | CCL-204 |
| | Miscellaneous manufactured articles, n.e.c. | CCL-219 |
| 9 | **Commodities and Transactions Not Classified According to Kind** | CCL-228 |
| | Special transactions, not classified by kind | CCL-228 |
| | Animals, n.e.c., including zoo animals | CCL-228 |
| | Arms, military vehicles, etc. | CCL-229 |
| | Coins, not gold, not legal tender | CCL-229 |

## EXPLANATION OF SYMBOLS AND DESIGNATIONS ON THE COMMODITY CONTROL LIST



| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **SECTION 0—FOOD AND LIVE ANIMALS** | | | | | | | | |
| **LIVE ANIMALS** | | | | | | | | |
| 001 Live animals. [Report zoo animals and pets in Export Control Commodity No. 941.] | .....[1] | 208 | Z | — | — | — | — | B |
| **MEAT AND MEAT PREPARATIONS** | | | | | | | | |
| 011 Meat, fresh, chilled or frozen..... | Lb. | 208 | Z | — | — | — | — | B |
| 012 Meat, dried, salted or smoked..... | Lb. | 208 | Z | — | — | — | — | B |
| 013 Prepared meat and poultry products and preparations, n.e.c. | Lb. | 208 | Z | — | — | — | — | B |
| **DAIRY PRODUCTS AND EGGS** | | | | | | | | |
| 022 Milk and cream..... | Lb.[2] | 208 | YZ | — | — | — | — | B |
| 023 Butter and anhydrous milk fat..... | Lb. | 208 | YZ | — | — | — | — | B |
| 024 Cheese and curd..... | Lb. | 208 | YZ | — | — | — | — | B |
| 025 Eggs ..... | Lb.[3] | 208 | Z | — | — | — | — | B |
| **FISH AND FISH PREPARATIONS** | | | | | | | | |
| 031 Fish, including shellfish, fresh, chilled, frozen, salted, dried, or smoked. | Lb. | 208 | Z | — | — | — | — | B |
| 032 Fish, including shellfish, prepared or preserved, n.e.c. | Lb. | 208 | Z | — | — | — | — | B |
| **CEREALS AND CEREAL PREPARATIONS** | | | | | | | | |
| 041 Wheat, including spelt or meslin, unmilled. | Bu. | 208 | YZ | — | — | — | — | B |
| 04210 Seed rice for forage crop..... | Lb. | 208 | Z | — | — | — | — | B |
| 04210 Other rice, unmilled, including rice, husked, but not further prepared. | Lb. | 208 | YZ | — | — | — | — | B |
| 04220 Rice, milled ..... | Lb. | 208 | YZ | — | — | — | — | B |
| 04300 Barley, unmilled ..... | Bu. | 208 | YZ | — | — | — | — | B |
| 04400 Inbred corn seed..... | Bu. | 208 | YZ *and* Rumania | — | — | — | — | B |
| 04400 Other corn seed; and corn, fresh..... | Bu.[4] | 208 | Z | — | — | — | — | B |
| 04400 Other corn, unmilled..... | Bu. | 208 | YZ | — | — | — | — | B |
| 04510 Rye, unmilled ..... | Bu. | 208 | YZ | — | — | — | — | B |
| 04520 Oats, unmilled ..... | Bu. | 208 | YZ | — | — | — | — | B |
| 04590 Inbred grain sorghum seed..... | Bu. | 208 | YZ *and* Rumania | — | — | — | — | B |
| 04590 Other grain sorghums and cereal grains, unmilled. | Lb.[5] | 208 | YZ | — | — | — | — | B |
| 046 Wheat flour, meal, and groats..... | Cwt. | 208 | YZ | — | — | — | — | B |
| 047 Cereal flours, meal, and groats, n.e.c.... | Lb.[6] | 208 | YZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report bovine cattle, sheep, lambs, goats, swine, baby chicks, turkey poults, horses, asses, mules, hinnies, rabbits, deer, and hares in "number"; and other domestic poultry in "pound."
[2] Report fresh milk and cream in "gallon."
[3] Report eggs in the shell in "dozen."
[4] Report sweet corn seed in "pound."
[5] Report grain sorghums in "bushel."
[6] Report cereal flours, corn meal, and oatmeal and groats in "hundred weight."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **04811** Breakfast cereals prepared for cooking. | Lb. | 208 | Z | — | — | — | — | B |
| **04812** Breakfast cereals prepared for serving. | Lb. | 208 | Z | — | — | — | — | B |
| **04820** Malt and malt flour | Lb. | 208 | YZ | — | — | — | — | B |
| **04830** Macaroni, noodles, and similar products. | Lb. | 208 | YZ | — | — | — | — | B |
| **04840** Fruit pies, frozen | Lb. | 208 | Z | — | — | — | — | B |
| **04840** Other bakery products | Lb. | 208 | Z *and* East Germany | — | — | — | — | B |
| **04881** Malt extract | Lb. | 208 | Z | — | — | — | — | B |
| **04884** Pudding preparations of flour, starch, or malt extract. [Report canned baby food puddings in Export Control Commodity No. 09910.] | Lb. | 208 | Z | — | — | — | — | B |
| **04884** Other preparations of flour, starch, or malt extract, n.e.c. | Lb. | 208 | YZ | — | — | — | — | B |
| **FRUIT AND VEGETABLES** | | | | | | | | |
| **051** Fruit, fresh, and nuts (not including oil nuts), fresh or dried. | Lb. | 208 | Z | — | — | — | — | B |
| **052** Dried fruit, including artificially dehydrated. | Lb. | 208 | Z | — | — | — | — | B |
| **05320** Glacé, candied, and crystallized fruits, fruit peel, nuts, and parts of plants. | Lb. | 208 | Z | — | — | — | — | B |
| **05330** Jams, marmalades, fruit jellies, and fruit pulps, purees and pastes. | Lb. | 208 | Z | — | — | — | — | B |
| **05350** Fruit juices and vegetable juices | Gal. | 208 | Z | — | — | — | — | B |
| **05370** Fruit, frozen | Lb. | 208 | Z | — | — | — | — | B |
| **05389** Peanuts, roasted or otherwise prepared, *except salted.* [Report peanuts, green, in Export Control Commodity No. 22110.] | Lb. | 208 | YZ | — | — | — | — | B |
| **05389** Fruit, prepared or preserved, including fruit peel and baby food fruit; and salted peanuts and other prepared or preserved nuts, n.e.c. [Report dried edible nuts (other than oil nuts) in airtight containers in Export Control Commodity No. 051.] | Lb. | 208 | Z | — | — | — | — | B |
| **054** Vegetables, vegetable products, roots, and tubers, fresh, frozen or dried. | Lb. | 208 | Z | — | — | — | — | B |
| **055** Vegetables, dehydrated, prepared or preserved, including those in airtight containers; vegetable preparations, including flakes, granules and pickles; and flours and flakes of fruits, leguminous vegetables, roots and tubers. [Report prepared or preserved corn, including corn in airtight containers, in Export Control Commodity No. 09910.] | Lb. | 208 | Z | — | — | — | — | B |
| **SUGAR, SUGAR PREPARATIONS, AND HONEY** | | | | | | | | |
| **06130** Sugar, beet and cane, raw or refined | Lb. | 208 | Z *and* East Germany | — | — | — | — | B |
| **06160** Honey, natural | Lb. | 208 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **06180** Sugar, invert, liquid, and powdered; lactose, crude and refined; malt sugar (maltose); maple sugar; refined milk sugar; and crude sugar of milk. [Report medicinal grades of malt sugar (maltose) in Export Control Commodity No. 51203.] | Lb. | 208 | Z *and* East Germany | — | — | — | — | B |
| **06180** Other sugars, sirups and molasses, n.e.c. [Report pharmaceutical dextrose and glucose, in bulk, in Export Control Commodity No. 51203; in dosage form, put up for retail sale, or in bulk combined with other medicinals, in Export Control Commodity No. 54170.] | Lb. | 208 | Z | — | — | — | — | B |
| **06201** Sugar-coated cereal foods and candied or sweetened popped corn. | Lb. | 208 | Z *and* East Germany | — | — | — | — | B |
| **06201** Other confectionery, not containing cocoa, including chewing gum. | Lb. | 208 | Z | — | — | — | — | B |
| **06202** Flavored or colored sugars, sirups, and molasses. | Lb. | 208 | Z | — | — | — | — | B |
| **COFFEE, TEA, COCOA, SPICES, AND MANUFACTURES THEREOF** | | | | | | | | |
| **071** Coffee | Lb. | 208 | Z | — | — | — | — | B |
| **072** Cocoa beans, unsweetened powder, and paste or butter. | Lb. | 208 | Z | — | — | — | — | B |
| **073** Sweetened powdered cocoa, chocolate coatings, and confectionery and other food preparations containing cocoa or chocolate, n.e.c. | Lb. | 208 | Z | — | — | — | — | B |
| **074** Tea and maté | Lb. | 208 | Z | — | — | — | — | B |
| **075** Spices | Lb. | 208 | Z | — | — | — | — | B |
| **FEEDING-STUFF FOR ANIMALS, EXCLUDING UNMILLED CEREALS** | | | | | | | | |
| **08110** Hay and fodder, green or dry, and vegetable products for animal feed, n.e.c. | S. ton | 208 | SZ | 500 | — | — | — | B |
| **08120** By-products from the working of cereal grains and leguminous vegetables. | S. ton | 208 | SZ | 500 | — | — | — | B |
| **08130** Oilseed cake, meal, and other residues, except dregs, from extraction of oil. | S. ton | 208 | SYZ | 500 | — | — | — | B |
| **08140** Meat meal, including tankage, and fish meal, unfit for human consumption. | S. ton | 208 | SZ | 500 | — | — | — | B |
| **08195** Food wastes, n.e.c. | ..... | 208 | SZ | 500 | — | — | — | B |
| **08199** Prepared animal feed | S. ton | 208 | SZ | 500 | — | — | — | B |
| **MISCELLANEOUS FOOD PREPARATIONS** | | | | | | | | |
| **09100** Prepared edible fats. [Report lard oil and lard stearin in Export Control Commodity No. 411.] | Lb. | 208 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **09903** Mustard flour and prepared mustard... | Lb. | 208 | Z | — | — | — | — | B |
| **09904** Mayonnaise; and other salad dressings. | Lb. | 208 | Z *and* East Germany | — | — | — | — | B |
| **09904** Tomato sauces, meat sauces, and other sauces, n.e.c., and mixed seasonings. | Lb. | 208 | Z | — | — | — | — | B |
| **09905** Soups and broths..... | Lb. | 208 | Z | — | — | — | — | B |
| **09906** Natural yeasts and prepared baking powder. | Lb. | 208 | Z | — | — | — | — | B |
| **09907** Vinegar and vinegar substitutes..... | Gal. | 208 | Z | — | — | — | — | B |
| **09910** Food preparations, n.e.c..... | .....[1] | 208 | Z | — | — | — | — | B |
| **09999** Food, donated for relief or charity by individuals or private agencies, n.e.c. | Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity number. | | | | | | | |
| **SECTION 1—BEVERAGES AND TOBACCO** | | | | | | | | |
| **BEVERAGES** | | | | | | | | |
| **11100** Chocolate flavored milk beverages..... | Gal. | 208 | YZ | — | — | — | — | B |
| **11100** Bottled and canned soft drinks; mineral waters; and nonalcoholic beverages, n.e.c. | Gal. | 208 | Z | — | — | — | — | B |
| **112** Alcoholic beverages ..... | Gal.[2] | 208 | Z | — | — | — | — | B |
| **TOBACCO AND TOBACCO MANUFACTURES** | | | | | | | | |
| **121** Leaf tobacco, stemmed and unstemmed, and unmanufactured tobacco, n.e.c. | Lb. | 208 | SYZ | 500 | — | — | — | B |
| **122** Tobacco manufactures ..... | Lb.[3] | 208 | SZ | 500 | — | — | — | B |
| **SECTION 2—CRUDE MATERIALS, INEDIBLE, EXCEPT FUELS** | | | | | | | | |
| **HIDES, SKINS, AND FUR SKINS, UNDRESSED** | | | | | | | | |
| **21110** Cattle hides and equine hides *..... | No. | 208 | SZ | 500 | — | — | — | B |
| **21120** Calf skins and kip skins. | No. | 208 | SZ | 500 | — | — | — | B |
| **21140** Goat skins and kid skins..... | No. | 208 | SZ | 500 | — | — | — | B |
| **21160** Sheep and lamb skins, with wool on.... | No. | 208 | SZ | 500 | — | — | — | B |
| **21170** Sheep and lamb skins, without wool... | No. | 208 | SZ | 500 | — | — | — | B |
| **21180** Leather scrap and chrome shavings for fertilizer manufacture. | ..... | 208 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report flavoring extracts and beverage bases, liquid, in "gallon"; and report the following in "pound": corn, prepared or preserved, in air tight containers; flavoring sirups and flavoring agents, n.e.c., and potato chips, corn chips and similar chips and sticks.

[2] Report wines in "wine gallon" and distilled alcohol beverages in "proof gallon."

[3] Report cigars, cheroots, cigarillos, and cigarettes in "thousand."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **21180** Other waste of hides and skins; and used leather. | ..... | 208 | SZ | 500 | — | — | — | B |
| **21190** Hides and skins, n.e.c. | ..... | 208 | SZ | 500 | — | — | — | B |
| **212** Fur skins, fur skin pieces, and parts... | .....[1] | 208 | SZ | 500 | — | — | — | B |
| **OIL SEEDS, OIL NUTS, AND OIL KERNELS, AND FLOUR AND MEAL OF OIL SEEDS, NUTS, AND KERNELS** | | | | | | | | |
| **22105** Oriental mustard seed | ..... | 208 | SZ | 500 | — | — | — | B |
| **22105** Other oil seeds, oil nuts, and oil kernels. [Report peanuts, green, in Export Control Commodity No. 22110, soybeans in No. 22140, flaxseed in No. 22150, cottonseed in No. 22160.] | .....[2] | 208 | SYZ | 500 | — | — | — | B |
| **22110** Peanuts (groundnuts), green, shelled or unshelled. | Lb. | 208 | SYZ | 500 | — | — | — | B |
| **22140** Soybeans | Bu. | 208 | SYZ | 500 | — | — | — | B |
| **22150** Flaxseed (linseed) | Bu. | 208 | SYZ | 500 | — | — | — | B |
| **22160** Cottonseed | Lb. | 208 | SYZ | 500 | — | — | — | B |
| **22190** Flour and meal of oil seeds, oil nuts and oil kernels, non-defatted. [Report mustard flour in Export Control Commodity No. 09903; defatted flours and meals in No. 08130]. | ..... | 208 | SZ | 500 | — | — | — | B |
| **CRUDE RUBBER, INCLUDING SYNTHETIC AND RECLAIMED RUBBER** | | | | | | | | |
| **23110** Crude natural rubber, and crude allied gums. | Lb.[3] | 228 | SZ | — | — | — | — | B |
| **23110** Compounds of natural rubber, balata, guttapercha and other allied gums. | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| **23120** Alkyl polysulfide liquid polymers | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A |
| **23120** Other alkyl polysulfide rubbers | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **23120** Carboxyl terminated polybutadiene; hydroxyl terminated polybutadiene; and cyclized 1.2-polybutadiene. | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| **23120** Fluorinated synthetic rubber; and fluorocarbon elastomers (polymers and copolymers). (Specify by name.) (See § 399.2, Interpretation 22.) [Report fluorinated silicone rubber in Export Control Commodity No. 58110.] | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A |
| **23120** Moldable copolymers of butadiene and acrylic acid; and moldable terpolymers of butadiene, acrylonitrile, and acrylic acid or any of the homologues of acrylic acid. | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Report whole fur skins in "number."
[2] Report safflower seed in "pound."
[3] Report latex liquid in "content pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **23120** Silicone rubber, except fluorinated silicone rubber. [Report fluorinated silicone rubber in Export Control Commodity No. 58110.] | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **23120** Copolymers of methyl vinyl-pyridine and butadiene. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **23120** Synthetic rubber, as follows: (a) ethylenepropylene terpolymer, and (b) cis-types (for example, cis-polyisoprene, and cis-polybutadiene). | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **23120** Neoprene (polymers of chloroprene)... | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| **23120** Other synthetic rubber and rubber substitutes, n.e.c., excluding compound, semi-processed, and manufactures. | Lb.[1] | 228 | SXYZ | — | — | — | 100 | B |
| **23130** Reclaimed rubber, natural and synthetic. | Lb. | 228 | SYZ | — | — | — | — | B |
| **23140** Waste and scrap of unhardened rubber, natural and synthetic. | Lb. | 228 | SYZ | — | — | — | — | B |
| **WOOD, LUMBER, AND CORK** | | | | | | | | |
| **241** Fuel wood, wood charcoal, and wood waste. | ..... | 208 | SZ | 500 | — | — | — | B |
| **24210** Pulpwood, except chips. [Report chips in Export Control Commodity No. 63183.] | Cord | 208 | SYZ | 500 | — | — | — | B |
| **24221** Port Orford cedar sawlogs, veneer logs, and bolts, in the rough. | MBF | 208 | SYZ | 500 | — | — | — | B |
| **24221** Other softwood sawlogs, veneer logs, and bolts, in the rough. | MBF | 208 | SZ | 500 | — | — | — | B |
| **24222** Port Orford cedar sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved. | MBF | 208 | SYZ | 500 | — | — | — | B |
| **24222** Other softwood sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved. | MBF | 208 | SZ | 500 | — | — | — | B |
| **24231** Hardwood sawlogs, veneer logs, and bolts, in the rough. | MBF | 208 | SZ | 500 | — | — | — | B |
| **24232** Hardwood sawlogs, veneer logs, and bolts, roughly squared, quartered, or halved. | MBF | 208 | SZ | 500 | — | — | — | B |
| **24280** Poles, piling, posts, and other wood in the rough, including mine timber, hardwood stumps and burls. | MBF[2] | 208 | SZ | 500 | — | — | — | B |
| **24310** Railway cross ties and mine ties. [Report switch and bridge ties as lumber.] | MBF | 208 | SZ | 500 | — | — | — | B |
| **24321** Port Orford cedar lumber, rough-sawed. | MBF | 208 | SYZ | 500 | — | — | — | B |
| **24321** Other softwood lumber, rough-sawed... | MBF | 208 | SZ | 500 | — | — | — | B |
| **24322** Port Orford cedar lumber, dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including flooring. | MBF | 208 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report latex liquid in "content pound."

[2] Report piling in "linear feet"; and report utility line poles in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 24322 Other softwood lumber, dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including flooring. | MBF | 208 | SZ | 500 | — | — | — | B |
| 24331 Hardwood lumber, rough-sawed..... | MBF | 208 | SZ | 500 | — | — | — | B |
| 24332 Hardwood lumber, dressed, patterned, planed, tongued, grooved, or otherwise surface-worked, including small dimension stock and flooring. [Report sticks and rods suitable for shaping into tool handles and similar items in Export Control Commodity No. 63189.] | MBF | 208 | SZ | 500 | — | — | — | B |
| 244 Cork, natural, raw and waste..... | Lb. | 208 | SZ | 500 | — | — | — | B |
| **PULP AND WASTE PAPER** | | | | | | | | |
| 25110 Paper, waste and old paper..... | S. ton | 208 | SZ | 500 | — | — | — | B |
| 25130 Mechanical and semi-chemical wood pulp, including screenings and wood pulp, n.e.c. | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25150 Cotton pulp ..... | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25150 Pulp, other than wood pulp and cotton pulp. | S. ton | 208 | SZ | 500 | — | — | — | B |
| 25160 Chemical wood pulp, dissolving grades.. | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25171 Sulphate wood pulp, unbleached..... | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25172 Sulphate wood pulp, bleached or semi-bleached, other than dissolving grades. | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25181 Sulphite wood pulp, unbleached..... | S. ton | 208 | SYZ | 500 | — | — | — | B |
| 25182 Sulphite wood pulp, bleached, other than dissolving grades. | S. ton | 208 | SYZ | 500 | — | — | — | B |
| **TEXTILE FIBERS, NOT MANUFACTURED INTO YARN, THREAD, OR FABRICS, AND THEIR WASTE** [Report glass fiber yarn, roving, and strand in Export Control Commodity No. 65180.] | | | | | | | | |
| 261 Raw silk, including cocoons and waste.. | Lb. | 208 | SZ | 500 | — | — | — | B |
| 26201 Recovered fibers, noils, and waste, n.e.c., wholly or in chief weight wool. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 26201 Recovered fibers, noils, and waste, n.e.c., wholly or in chief weight of other animal hair. | Lb. | 208 | SZ | 500 | — | — | — | B |
| 26230 Mohair and other wool-like specialty hair. | Cnt. lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 26230 Other fine animal hair, n.e.c., not carded or combed. | Cnt. lb. | 208 | SZ | 500 | — | — | — | B |
| 26240 Sheep's and lamb's wool, not carded or combed. | Cnt. lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 26250 Animal hair, other than wool or fine hair, not carded or combed and not for brushes. | Lb. | 208 | SZ | 500 | — | — | — | B |
| 26270 Wool or other animal hair, carded or combed, excluding tops. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **26280** Tops of wool and other animal hair, except horsehair. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **263** Raw cotton; cotton linters; cotton waste; and carded or combed cotton (laps, sliver, and roving). | Lb.[1] | 208 | SYZ | 500 | — | — | — | B |
| **264** Jute, including jute cuttings and waste. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26500** Vegetable fibers and waste of sisal, henequen, manila or abaca. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26500** Other vegetable fibers and waste, except cotton and jute. | Lb. | 208 | SZ | 500 | — | — | — | B |
| **26621** Staple, not carded or combed, wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 241 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| **26621** Other man-made staple fibers, noncellulosic, not carded or combed. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26622** Continuous filament tow wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 241 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| **26622** Other continuous filament tow, noncellulosic. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26623** Man-made fibers or waste, noncellulosic, carded or combed or otherwise processed but not spun. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26631** Acetate or rayon (viscose and cuprammonium) staple, not carded or combed. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26632** Acetate or rayon (viscose and cuprammonium) continuous filament tow. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26633** Rayon or acetate fibers or waste, carded or combed or otherwise processed but not spun. | Lb. | 208 | SZ | 500 | — | — | — | B |
| **26633** Other man-made fibers or waste, cellulosic, carded or combed or otherwise processed but not spun. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26640** Waste of rayon or acetate fibers, not carded or combed. | Lb. | 208 | SZ | 500 | — | — | — | B |
| **26640** Waste of other man-made fibers, not carded or combed. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **26700** Used, obsolete, and reject materials bearing the design of any version of the flag of the United States of America. | Lb. | 202 | STVWXYZ | — | 500 | — | — | |
| **26700** Used civilian clothing, other used textile articles, n.e.c., and new or used rags, wholly or in chief weight of man-made fibers, silk, or vegetable fibers, *except jute;* and used footwear of all materials. | Lb. | 208 | SZ | 500 | — | — | — | B |
| **26700** Other used civilian clothing, used textile articles, n.e.c., and new or used rags. | Lb. | 208 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report raw cotton and cotton linters in both "pound" and "running bale."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **CRUDE FERTILIZERS AND CRUDE MINERALS, EXCLUDING COAL, PETROLEUM, AND PRECIOUS STONES** | | | | | | | | |
| **27110** Natural fertilizers of mineral or vegetable origin, not chemically treated. [Report manufactured fertilizers in Export Control Commodity No. 56100.] | S. ton | 248 | SYZ | 500 | — | — | — | B |
| **27120** Natural sodium nitrate | S. ton | 248 | SXYZ | 500 | — | — | 100 | B |
| **27130** Natural phosphates, whether or not ground. | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27140** Natural potassic salt fertilizers, crude | S. ton | 248 | SZ | 500 | — | — | — | B |
| **273** Stone, slate, gypsum, sand, and gravel | .....[1] | 268 | SZ | 500 | — | — | — | B |
| **27410** Sulfur. [Report sublimed, precipitated or colloidal sulfur in Export Control Commodity No. 51329.] | L. ton | 248 | SXYZ | 500 | — | — | 100 | B |
| **27420** Iron pyrites, unroasted | S. ton | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **27511** Crushing bort, except dust and powder. | Carat | 218 | SWXYZ | 500 | — | — | 100 | B |
| **27515** Diamonds, industrial. [Report synthetic diamonds in Export Control Commodity No. 66700.] | Carat | 218 | SWXYZ | 500 | — | — | 100 | B |
| **27521** Synthetic diamond powder | Carat | 218 | SWXYZ | 500 | — | — | 100 | B |
| **27521** Natural diamond powder | Carat | 218 | SWXYZ | 500 | — | — | 100 | B |
| **27521** Dust and powder of other natural or synthetic precious or semi-precious stones. | Carat | 218 | SXYZ | 500 | — | — | 100 | B |
| **27522** Diatomaceous earth. [Report gas chromatographic grade in Export Control Commodity No. 59999.] | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27523** Pumice, emery, natural corundum, and other natural abrasives, crude, crushed or ground. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **27610** Natural asphalt and natural bitumen, unmanufactured. | L. ton | 248 | SZ | 500 | — | — | — | B |
| **27621** Mullite grains and pellets | S. ton | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **27621** Other clays, including calcined, n.e.c. | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27622** Natural graphite | S. ton | 248 | SYZ | 500 | — | — | — | B |
| **27623** Dolomite, dead burned | S. ton | 248 | SXYZ | 500 | — | — | 100 | B |
| **27623** Other dolomite | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27624** Magnesium oxide, purity 97% or higher, except precipitated. | Lb. | 242 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| **27624** Other magnesite, n.e.c., including crude and caustic calcined, lump or ground. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **27630** Salt | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27640** Asbestos, unmanufactured | S. ton | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **27652** Mica, unmanufactured | Lb. | 248 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report gypsum, limestone flux, calcareous stone, sand, gravel, and crushed or broken stone in "short ton."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **27654** Feldspar, fluorospar, leucite, nepheline, and nepheline syenite. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **27655** Natural quartz. [Report pietzo electric quartz in Export Control Commodity No. 66700]. | S. ton | 248 | SXYZ | 500 | — | — | 100 | B |
| **27655** Natural cryolite; and natural chiolite.. | S. ton | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **27655** Quartzite | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27660** Mill slag | S. ton | 248 | SWXYZ | 500 | — | — | 100 | B |
| **27660** Other slag, dross, and similar wastes, n.e.c. | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27695** Natural talc, soapstone, and pyrophyllite. | S. ton | 248 | SZ | 500 | — | — | — | B |
| **27698** Natural borates and other boron materials (for example, colemanite, pandermite, kernite, priceite and ulexite). (Specify by name.) | Lb. | 248 | SWXYZ | 500 | — | — | 100 | B |
| **27698** Lithium ores and concentrates (for example, ambligonite, lepidolite and petalite). | Lb. | 242 | STVWXYZ | 25 | 500 | 25 | — | E–7 |
| **27698** Arsenic bisulfide, natural; arsenic sulfide, natural; calcium silicate; kieserite, natural; magnesium chloride, natural, anhydrous; magnesium sulphate, natural; sodium sulphate, natural; soil; strontianite; strontium carbonate; and trona. | ..... | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **27698** Celestite; gallium sesquioxide; lutetium oxide; strontium sulfate, natural and mineral; cerium ores (for example, bastnasite and cerite); and other rare earth (for example, europium, gadolinium, lanthanum, praseodymium, and samarium). | ..... | 248 | SYZ | 500 | — | — | — | B |
| **27698** Other nonmetallic minerals, n.e.c. [Report synthetic or artificial zeolites in Export Control Commodity No. 51460 or 51470.] | ..... | 248 | SZ | 500 | — | — | — | B |
| **METALLIFEROUS ORES AND METAL SCRAP** [1] | | | | | | | | |
| **28100** Iron ore mass | S. ton | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **28100** Other iron ore and concentrates | S. ton | 268 | SZ | 500 | — | — | — | B |
| **28200** Iron and steel scrap of magnetic materials. (See § 399.2, Interpretation 6.) | S. ton | 261 | STVWXYZ | 100 | 500 | 100 | — | A |
| **28200** Alloy steel scrap containing *any* of the following: (a) 5 percent or more nickel by weight, (b) 5 percent or more cobalt by weight, or (c) 1 percent or more tungsten by weight. (See § 399.2, Interpretations 10 and 12.) | S. ton | 262 | STVWXYZ | 100 | 500 | 100 | — | |
| **28200** Terne plated scrap; and tin-plated scrap which has not been detinned. | S. ton | 268 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(d) for ores and concentrates which require export authorization from the Atomic Energy Commission.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 28200 Other iron and steel scrap | S. ton | 268 | SWXYZ | 500 | — | — | 100 | B |
| 28311 Copper ores and concentrates. (See § 373.20(a).) | Cnt. lb. | 272 | STVWXYZ | — | — | — | — | FG |
| 28312 Copper matte. (See § 373.20(a).) [Report blister copper and other unrefined copper in Export Control Commodity No. 68211.] | Cnt. lb. | 272 | STVWXYZ | — | — | — | — | FG |
| 28330 Bauxite and concentrates of aluminum. [Report alumina in Export Control Commodity No. 51365.] | L. ton | 268 | SZ | 500 | — | — | — | B |
| 28370 Manganese ores and concentrates containing over 10 percent manganese. | S. ton | 268 | SZ | 500 | — | — | — | B |
| 28380 Lead or zinc ores and concentrates | Lb. | 268 | SZ | 500 | — | — | — | B |
| 28391 Chromium ores and concentrates | Lb. | 268 | SZ | 500 | — | — | — | B |
| 28392 Tungsten ores and concentrates | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 28393 Tantalum ores and concentrates | Lb. | 262 | STVWXYZ | 100 | 500 | 100 | — | E–7 |
| 28393 Molybdenum ores and concentrates | Cnt. lb. | 262 | STVWXYZ | 500 | 1,000 | 1,000 | — | E–7 |
| 28393 Vanadium ores and concentrates, including vanadium pentoxide, vanadic acid, vanadium oxide and vanadates. | Cnt. lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 28393 Titanium or zirconium ores and concentrates. | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 28398 Antimony or tin ores and concentrates | Lb. | 268 | SZ | 500 | — | — | — | B |
| 28398 Beryllium ores and concentrates | Lb. | 261 | STVWXYZ | 500 | 500 | 500 | — | A E–7 |
| 28398 Columbium or niobium ores and concentrates. | Lb. | 262 | STVWXYZ | 100 | 500 | 100 | — | E–7 |
| 28398 Cobalt or nickel ores and concentrates | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 28398 Quicksilver or mercury ores and concentrates. | Lb. | 262 | STVWXYZ | 100 | 500 | 100 | — | E–7 |
| 28398 Rhenium concentrates | Lb. | 262 | STVWXYZ | — | 500 | — | — | E–7 |
| 28398 Other ores and concentrates or nonferrous base metals, n.e.c. | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 28401 Tantalum bearing slag | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E–7 |
| 28401 Columbium bearing slag | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E–7 |
| 28401 Copper bearing ash and residues. (Also specify copper content in pounds.) (See § 373.20(b).) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | FG |
| 28401 Nickel bearing residues and dross | Lb. | 262 | STVWXYZ | 500 | 500 | 500 | — | |
| 28401 Vanadium bearing ash and residues | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 28401 Aluminum, lead, tin, or zinc ash and residues. | Lb. | 268 | SZ | 500 | — | — | — | B |
| 28401 Other ash and residues bearing nonferrous metals, n.e.c. | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 28402 Copper or copper-base alloy waste and scrap. (Also specify copper content in pounds). (See § 373.20(b).) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | FG |
| 28403 Nickel alloy waste and scrap containing 50 percent or more copper, irrespective of nickel content. (Also specify copper content in pounds.) (See § 373.20(b).) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| 28403 Nickel alloy metal scrap containing 32 percent or more nickel, *except nickel-copper* | Lb. | 262 | STVWXYZ | 500 | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.



66-000 O - 67 - 2 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *alloy scrap containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) (See § 399.2, Interpretations 10 and 12.) | | | | | | | | |
| **28403** Other nickel or nickel alloy waste and scrap. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **28404** Aluminum alloy scrap having (1) an average copper content of 1 percent or more irrespective of other elements; or (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **28404** Other aluminum or aluminum alloy waste and scrap. | Lb. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **28405** Magnesium alloy scrap containing 0.4 percent or more zirconium or 1 percent or more rare earth metals (cerium misch metal). (See § 399.2, Interpretations 10 and 12.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A |
| **28405** Other magnesium or magnesium alloy waste and scrap. | Lb. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **28406** Lead or lead alloy waste and scrap.... | Lb. | 268 | SZ | 500 | — | — | — | B |
| **28409** Tin or tin alloy waste and scrap..... | Lb. | 268 | SZ | 500 | — | — | — | B |
| **28410** Zinc or zinc alloy waste and scrap, including blue powder. | Cnt. lb. | 268 | SZ | 500 | — | — | — | B |
| **28500** Platinum and platinum group ores, concentrates, and waste and sweepings, including platinum group materials contained in iron and steel scrap. | Cnt. troy oz. | 268 | SYZ | 500 | — | — | — | B |
| **CRUDE ANIMAL AND VEGETABLE MATERIALS, N.E.C.** | | | | | | | | |
| **29100** Biological supplies, animal origin; glands, crude; hoof meal; horn meal; and pancreas. | ..... | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **29100** Other crude animal materials, n.e.c.... | .....[1] | 248 | SZ | 500 | — | — | — | B |
| **29220** Organic flocculating agents including, but not limited to, Arguard®, Guartec®, Jaquar gum®, and Mannagal®. | ..... | 248 | SWXYZ | 500 | — | — | 100 | B |
| **29220** Burgundy pitch ..... | ..... | 248 | SYZ | 500 | — | — | — | B |
| **29220** Other natural gums, resins, balsam, and lac. | ..... | 248 | SZ | 500 | — | — | — | B |
| **29250** Alfalfa seed; fescue grass seed; timothy grass seed; red top seed; forage sorghum seed; sugar beet seed; and clover seed, *except alsike, bur, sour, strawberry, and suckling clover seeds.* | Lb. | 208 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report sausage casings, birds' feathers, down, and marine shells in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **29250** Other seeds, fruit and spores for planting, excluding oilseeds, n.e.c.[1] | Lb. | 208 | SZ | 500 | — | — | — | B |
| **29260** Bulbs, plants (trees, shrubs, etc.), and other nursery stock.[1] | ..... | 208 | SZ | 500 | — | — | — | B |
| **29271** Cut flowers and buds for ornamental purposes. | ..... | 208 | SZ | 500 | — | — | — | B |
| **29272** Foliage, branches, and other parts of trees, shrubs, bushes, and other plants, and mosses, lichens and grasses for ornamental purposes, and Christmas trees. | ..... | 208 | SZ | 500 | — | — | — | B |
| **29280** Cinchona bark; pyrethrum (insect flowers); and rotenone-bearing roots, crude, ground, or powdered (for example, barbasco root, cubé root, derris root, and tuba root). | Lb. | 248 | SYZ | 500 | — | — | — | B |
| **29280** Other plants, seeds, flowers, leaves, roots and other parts of plants of types used primarily in perfumery, pharmacy, or for insecticidal or fungicidal purposes, or in dyeing and tanning, n.e.c. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **29291** Pyrethrum extract ..... | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| **29291** Pectin and pectin substances; and other vegetable saps, extracts, mucilages, and thickeners derived from vegetable products, n.e.c.[2] | Lb. | 248 | SZ | 500 | — | — | — | B |
| **29295** Broomcorn and other vegetable materials used primarily as plaiting, stuffing, or padding, or in brushes or brooms. | Lb.[3] | 208 | SZ | 500 | — | — | — | B |
| **29298** Other crude vegetable materials, n.e.c.. | ..... | 208 | SZ | 500 | — | — | — | B |
| **SECTION 3—MINERAL FUELS, LUBRICANTS, AND RELATED MATERIALS** | | | | | | | | |
| **COAL, COKE, AND BRIQUETS** | | | | | | | | |
| **32140** Coal, anthracite and bituminous, including mineral charcoal. | S. ton | 258 | SZ | 500 | — | — | — | B |
| **32170** Peat and peat briquets..... | S. ton | 258 | SZ | 500 | — | — | — | B |
| **32180** Gilsocarbon coke or other coke derived from gilsonite. | S. ton | 258 | SYZ | 500 | — | — | — | B |
| **32180** Other coke of coal, lignite or peat..... | S. ton | 258 | SZ | 500 | — | — | — | B |
| **32190** Lignite; and coal and lignite briquets.. | S. ton | 258 | SZ | 500 | — | — | — | B |
| **PETROLEUM AND PETROLEUM PRODUCTS** | | | | | | | | |
| **331** Crude petroleum, including shale oil; and petroleum partly refined for further refining, including topped crudes. | Bbl.[4] | 258 | SWXYZ | — | — | — | 100 | B |
| **33210** Gasoline, excluding jet fuel. [Report jet fuel in Export Control Commodity No. 33220.] | Bbl.[4] | 258 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Tobacco seed and tobacco plants require export authorization from the U. S. Department of Agriculture. See paragraph 370.5(g).

[2] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.

[3] Report broomcorn in "short ton."

[4] Barrel of 42 gallons.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **33210** Triisobutylene | Bbl.[1] | 258 | SYZ | — | — | — | — | B |
| **33210** Other gasoline blending agents, hydrocarbon compounds only, n.e.c. | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33220** Liquid jet fuels having a gross calorific value of not less than 23,400 BTU per pound. | Bbl.[1] | 251 | STVWXYZ | — | 500 | 25 | — | A E–4 |
| **33220** Other jet fuels; and kerosene | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33230** Distillate fuel oils | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33240** Residual fuel oils | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33250** Lubricating oils, petroleum based, which are or which contain as the principal ingredients petroleum (mineral) oils, *and having all* of the following characteristics: (a) a pour point of minus 30° F. (minus 34° C.) or lower, (b) a viscosity index (VI) of 75 or greater, and (c) are thermally stable at plus 700° F. (plus 371° C.).[2] | Bbl.[1] | 251 | STVWXYZ | — | 500 | 25 | — | A E–4 |
| **33250** Lubricating oils, petroleum based, which are or which contain as the principal ingredients petroleum (mineral) oils which have: (a) a pour point of minus 30° F. (minus 34° C.) or lower, and (b) are thermally stable at plus 700° F. (plus 371° C.), but have a viscosity index (VI) of *less than* 75.[2] | Bbl.[1] | 252 | STVWXYZ | — | 500 | 25 | — | E–4 |
| **33250** Lubricating oils, synthetic, which contain as the principal ingredient: (a) esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, (b) esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than 6 carbon atoms, (c) fluoro-alcohol esters and perfluoro-alkyl ethers, or (d) polyphenyl ethers containing more than three phenyl groups. | Bbl.[1] | 251 | STVWXYZ | — | 500 | 25 | — | A E–4 |
| **33250** Cylinder bright stock, including bright stock and industrial lubricating oils which are predominantly bright stock *and* have a Saybolt Universal viscosity at 210° F. (98.8° C.) of 95 seconds or more. | Bbl.[1] | 252 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **33250** Lubricating oils wholly of fluorocarbon polymers or copolymers.[3] | Bbl.[1] | 251 | STVWXYZ | — | 500 | 250 | — | A E–13 |
| **33250** Other lubricating oils containing more than 20 percent by weight of fluorocarbon polymers or copolymers.[3] | Bbl.[1] | 252 | STVWXYZ | — | 500 | 250 | — | E–13 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Barrel of 42 gallons.

[2] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

[3] See § 399.2, Interpretation 22.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 33250 Fluorinated silicone fluids; and chlorinated silicone fluids. | Bbl.[1] | 251 | STVWXYZ | — | 500 | 250 | — | A E–14 |
| 33250 Other hologenated silicone fluids..... | Bbl.[1] | 252 | STVWXYZ | — | 500 | 250 | — | E–14 |
| 33250 Other petroleum based and other ester type synthetic aviation engine lubricating oil. | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| 33250 Other synthetic aviation engine lubricating oil. | Bbl.[1] | 258 | SXYZ | — | — | — | 100 | B |
| 33250 Lubricating oils in containers of 8 ounces or less. | ..... | 258 | SZ | — | — | — | — | B |
| 33250 Other lubricating oils..... | Bbl.[1, 2] | 258 | SWXYZ | — | — | — | 100 | B |
| 33250 Silicone lubricating grease capable of operating at temperatures of 180° C. (356° F.) or higher and with an ASTM drop point of 220° C. (428° F.) or higher. | Lb. | 251 | STVWXYZ | — | 500 | 250 | — | A E–14 |
| 33250 Lubricating greases, petroleum based, which contain as the principal ingredients petroleum (mineral) oils *having all* of the following characteristics; (a) a pour point of minus 30° F. (minus 34° C.) or lower, (b) a viscosity index (VI) of 75 or greater, and (c) are thermally stable at plus 700° F (plus 371° C).[3] | Lb. | 251 | STVWXYZ | — | 500 | 250 | — | A E–4 |
| 33250 Lubricating greases, petroleum based, which contain as the principal ingredients petroleum (mineral) oils which have: (a) a pour point of minus 30° F. (minus 34° C.) or lower, and (b) are thermally stable at plus 700° F. (plus 371° C.) but have a viscosity index (VI) of *less than* 75.[3] | Lb. | 252 | STVWXYZ | — | 500 | 250 | — | E–4 |
| 33250 Lubricating greases, synthetic, which contain as the principal ingredient: (a) esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, (b) esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms, (c) fluoro-alcohol esters and perfluoro-alkyl ethers, or (d) polyphenyl ethers containing more than three phenyl groups. | Lb. | 251 | STVWXYZ | — | 500 | 25 | — | A E–4 |
| 33250 Molybdenum lubricants containing 80 percent or more of molybdenum disulphide. | Lb. | 252 | STVWXYZ | — | 1,000 | 1,000 | — | E–13 |
| 33250 Other lubricating greases..... | Lb. | 258 | SWXYZ | — | — | — | 100 | B |
| 33261 Petroleum jelly (petrolatum)..... | Lb. | 258 | SZ | — | — | — | — | B |
| 33262 Paraffin wax, crystalline..... | Lb. | 258 | SZ *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Barrel of 42 gallons.

[2] If less than one barrel, quantity may be reported in gallons or ounces.

[3] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **33262** Microcrystalline wax | Lb. | 258 | SZ | — | — | — | — | B |
| **33291** Hydraulic or automatic transmission fluids, petroleum based, *having all* of the following characteristics: (a) kinematic viscosity of 4.6 centistokes or greater at 210° F. (98.8° C.); (b) pour point of minus 30° F. (minus 34° C.) or lower; and (c) viscosity index (VI) of 130 or higher. [Report hydraulic fluids containing less than 70 percent by weight of petroleum or shale oil in Export Control Commodity No. 59999.] | Bbl.[1] | 252 | STVWXYZ | — | 1,000 | 1,000 | — | E–4 |
| **33291** Hydraulic fluids, petroleum based, which are or which contain as the principal ingredients petroleum (mineral) oils *and having all* of the following characteristics: (a) a pour point of minus 30° F. (minus 34° C.) or lower, (b) a viscosity index (VI) of 75 or greater, and (c) are thermally stable at plus 700° F. (plus 371° C).[2] [Report hydraulic fluids containing less than 70 percent by weight of petroleum or shale oil in Export Control Commodity No. 59999.] | Bbl.[1] | 251 | STVWXYZ | — | 500 | 250 | — | A E–4 |
| **33291** Hydraulic fluids, petroleum based, which are or which contain as the principal ingredients petroleum (mineral) oils which have: (a) a pour point of minus 30° F. (minus 34° C.) or lower, and (b) are thermally stable at plus 700° F. (plus 371° C.), but have a viscosity index (VI) of *less than* 75.[2] | Bbl.[1] | 252 | STVWXYZ | — | 500 | 250 | — | E–4 |
| **33291** Non-lubricating and non-fuel petroleum oils, *the following only:* concrete surface curing compounds, petroleum based; dust proofing fluid, petroleum origin; fruit polishing solutions containing refined paraffin wax; ink oil; Insecti-sol®; leveling fluid, petroleum origin; net preservative; news ink vehicle; No-Glo mud treating oil®; petroleum bases for insecticide sprays; shingle oil; Calodorant C®; Captan®; gas odorant; cigarette lighter fluids; cleaner naphtha; cleaning solvents; Graysal 375®; lacquer diluent; mineral turpentine; paint reducer, petroleum origin; paint thinner of mineral spirits; Panasol RY-3; petroleum ether; petroleum solvent, aliphatic; petropene; preservatives for wood, textiles, leather, and | Bbl.[1] | 258 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Barrel of 42 gallons.

[2] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| paper, chief value petroleum solvents and/or mineral spirits; Renuzit®; Soltral; Sovasol®; Storaline spirits; Stoddard solvent; turpentine substitute, chief value petroleum; varnish maker and painters naphtha; Varsol®; and Varsol Varnoline®. | | | | | | | | |
| **33291** White mineral oil in containers of 42 gallons capacity or over; standard reference fuels; quenching and cutting oils, petroleum based; and insulating or transformer oils, *except polybutene.* | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33291** Hexanes; hexenes; methyl pentanes; normal heptane; normal hexane; normal pentane; octanes (oxtylenes); pentanes; and pentenes. | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **33291** Other nonlubricating and nonfuel petroleum oils. | Bbl.[1] | 258 | SZ *and* East Germany | — | — | — | — | B |
| **33292** Pitch of tar coke | S. ton | 258 | SZ *and* East Germany | — | — | — | — | B |
| **33292** Other pitch from coal tar distillation; and pitch from petroleum refining. | S. ton | 258 | SZ | — | — | — | — | B |
| **33293** Pitch coke | S. ton | 258 | SZ *and* East Germany | — | — | — | — | B |
| **33294** Petroleum coke | S. ton | 258 | SXYZ | — | — | — | 100 | B |
| **33295** Petroleum asphalt and petroleum asphalt products including asphalt adhesive, asphalt plank, fiber expansion joints, joint fillers, and roofing asphalt. | S. ton | 258 | SZ | — | — | — | — | B |
| **33295** Petroleum bitumen and other petroleum and shale oil residues. | S. ton | 258 | SZ *and* East Germany | — | — | — | — | B |
| **33296** Bituminous mixtures, based on asphalt petroleum, etc. | ..... | 258 | SZ *and* East Germany | — | — | — | — | B |
| **GAS, NATURAL AND MANUFACTURED** | | | | | | | | |
| **34110** Natural gas liquids, including liquefied petroleum gas (L.P.G.).[2] | Bbl.[1] | 258 | SZ *and* East Germany | 500 | — | — | — | B |
| **34120** Gas, manufactured (artificial).[2] | M cu. ft. | 258 | SZ *and* East Germany | 500 | — | — | — | B |
| **SECTION 4—ANIMAL AND VEGETABLE OILS AND FATS** | | | | | | | | |
| **ANIMAL OILS AND FATS** | | | | | | | | |
| **411** Animal oils and fats | Lb. | 208 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Barrel of 42 gallons.

[2] Pipe-line gas requires export authorization from the U. S. Federal Power Commission. See paragraph 370.5(f).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **VEGETABLE OILS AND FATS, EXCEPT HYDROGENATED** [Report hydrogenated oil in Export Control Commodity No. 43120, and shortening in No. 09100.] | | | | | | | | |
| **42120** Soybean oil and soybean salad oil..... | Lb. | 208 | YZ | — | — | — | — | B |
| **42130** Cottonseed oil and cottonseed salad oil.. | Lb. | 208 | YZ | — | — | — | — | B |
| **42140** Peanut oil, n.e.c. ..... | Lb. | 208 | YZ | — | — | — | — | B |
| **42180** Soft vegetable oils, as follows; sunflower seed; rape; colza; and mustard, including all mixed or blended soft salad oils. | Lb. | 208 | YZ | — | — | — | — | B |
| **42180** Olive oil ..... | Lb. | 208 | Z | — | — | — | — | B |
| **42210** Linseed oil, raw..... | Lb. | 208 | YZ | — | — | — | — | B |
| **42230** Coconut oil ..... | Lb. | 208 | YZ | — | — | — | — | B |
| **42270** Vegetable oils, as follows: (a) castor oil, medicinal grade, (b) wheat germ oil, (c) crude or refined apricot kernel oil, *except persic oil USP*, kapok seed oil, palm kernel oil, sweet almond oil, and tea seed oil, and (d) crude laurel oil, mahwah oil, niger-seed oil, peach kernel oil, and walnut oil. | Lb. | 208 | Z | — | — | — | — | B |
| **42270** Persic oil USP..... | Lb. | 208 | XYZ | — | — | — | 100 | B |
| **42270** Other vegetable oils, n.e.c., including tung oil. | Lb. | 208 | YZ | — | — | — | — | B |
| **FATTY ACIDS, WAXES, AND SPECIALLY TREATED FATS AND OILS, EXCLUDING PETROLEUM PRODUCTS** | | | | | | | | |
| **43110** Oils, sulfated or sulphurized..... | Lb. | 248 | Z | — | — | — | — | B |
| **43110** Oils, boiled, oxidized, dehydrated, blown or polymerized. | Lb. | 248 | YZ | — | — | — | — | B |
| **43120** Hydrogenated fish and fish liver oils... | Lb. | 248 | Z | — | — | — | — | B |
| **43120** Other hydrogenated fats and oils, n.e.c. (includes unmixed and those that have not been further prepared for food purposes). [Report margarine, lard, lard substitutes and similar prepared edible shortenings in Export Control Commodity No. 09100.] | Lb. | 248 | YZ | — | — | — | — | B |
| **43130** Fatty acids and refining by-products of vegetable origin, including industrial mixtures. | Lb. | 248 | YZ | — | — | — | — | B |
| **43130** Other fatty acids and refining by-products. [Report chemically defined fatty acids and their esters in Export Control Commodity No. 51209.] | Lb. | 248 | Z | — | — | — | — | B |
| **43140** Waxes of animal or vegetable origin, excluding fatty acids and hydrogenated fats and oils. | Lb. | 248 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **ANIMAL AND VEGETABLE OILS AND FATS, N.E.C., FOR RELIEF OR CHARITY** | | | | | | | | |
| 43150 Animal and vegetable oils and fats, n.e.c., donated for relief or charity by individuals or private agencies. | Lb. | Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity number. | | | | | | |
| **SECTION 5—CHEMICALS** | | | | | | | | |
| **CHEMICAL ELEMENTS AND COMPOUNDS** | | | | | | | | |
| 51202 Diazodinitrophenol | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-14 |
| 51202 2-di-cyclohexyl carbodiimide | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| 51202 Diphenylamine | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 Fluoro-alcohol esters and perfluoro–alkyl ethers. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-14 |
| 51202 Di-o-tolyl carbodiimide | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| 51202 Methyl benzylate | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51202 Ortho chloro benzaldehyde | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51202 Piperidine carboxyl acid | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51202 P-nitro-N-methylaniline (N-methyl-nitro-aniline). | Lb. | 221 | STVWXYZ | — | 500 | — | — | A E-14 |
| 51202 Polyphenyl ethers containing more than three phenyl groups. | Lb. | 221 | STVWXYZ | — | 500 | 250 | — | A |
| 51202 3-quinuclidinone; and 3-quinuclidinol | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51202 Dinitrotoluene solids and oils | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 Ethylbenzene | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 N-methylaniline (monomethylaniline) | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 Toluene, all grades | Gal. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 Paradow® | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| 51202 Trimellitic acid and anhydrides; and pyromellitic acid and dianhydrides. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51202 Benzene; and analine hydrochloride, analine sulfate and other analine oil and salts. | Lb.[1] | 228 | SZ | — | — | — | — | B |
| 51202 Ortho-aminonitro-benzene; para-hydroxy-chlorobenzene; and para-toluenesulfonylchloride. | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| 51202 Other cyclic intermediates, n.e.c.[2] | Lb. | 242 | SXYZ | — | — | — | 100 | B |
| 51203 Beta – diethylaminoethyldiphenylpropyl-acetate hydrochloride. | Lb. | 228 | STVWXYZ | 25 | 500 | 25 | — | |
| 51203 Synthetic organic medicinal chemicals, in bulk, for which industrial grades are included under other Export Control Commodity Numbers. | Lb. | Export controls applicable to these commodities are those which apply to the industrial grades. | | | | | | |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report benzene in "gallons."

[2] Dinitronaphthalene, picric acid, and tetranitronaphthalene require export authorization from the U. S. Department of State. See paragraph 370.5(a) for other commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51203** Synthetic organic medicinal chemicals, *the following only:* allantoin; alloxane; apiol; apolysin; arrhenal; betaine; betaine hydrochloride; colace; 3, 3-diethyl-5-methyl-2-, 4-piperidinedione; glycerophosphates; glycerophosphoric acid and salts; guaiacol glyceryl ether; guaimar; histamine; histamine phosphate; khellin; menthol crystals; menthol, natural and synthetic; nicarbazin; nicarbazin, microatomized; nithiazide; pontalin granulation; pontalin powder; prophenpyridamine maleate; pyranisamine maleate; pyridium; pyrilamine maleate (benzal); pyrilamine maleate N.N.R.; thymol; thymol blue; thymol iodide; wintodon granulation; and Wyamine sulfate®. | Lb. | 248 | YZ | — | — | — | — | B |
| **51203** All sulfonamide drugs; and other synthetic organic medicinal chemicals, *the following only:* acetophenetidin; acetylsalicylic acid or aspirin; amidopyrine; 2-amino-5-nitrothiazole; aminodiazine; aminoethylpyrimidine; aminomethylpyrimidine; 2-aminopyrimidine; aminopyrine; 2-aminothiazole; antypyrine; Aralen diphosphate®; Atabrine dihydrochloride®; barbital; barbital sodium; barbituric acid; betaine; butabarbital acid; butabarbital sodium; chloroquine base; choline chloride; compound N (Conmel) granulation; d-propoxyphenehydrochloride; dehydrocholic acid; diiodo-tyrosine; diallybarbituric acid; diethylbarbituric acid; diethylstilbestrol; dihydrocholic acid USP; ethoheptazine; ethoheptazine citrate; exol; hexestrol NNR; hydrocholin; isobutyl allyl barbituric acid; methyl acetanalid; Pamaquine (plasmochin) naphthoate®; pentobarbital, sodium; pentobarbituric acid; phenacetin; phenetsal; phenobarbital; phenobarbital, sodium; phenylazo diamino pyridine; phenyl salicylate; phenyldimethylpyrazolomethylamino methane sulfonate; phenylethyl barbituric acid; prominal; pyramidon; salicin; salol; salophen; secobarbital sodium salicylate; stilbestrol; trans-dehydro-androsterone-acetate-semicarbazone; uric acid; and urine, concentrated. | Lb. | 248 | Z | — | — | — | — | B |
| **51203** Methionine hydroxy analogue..... | Lb. | 248 | Z *and* East Germany | — | — | — | — | B |
| **51203** Other synthetic organic medicinal chemicals in bulk.[1] (Specify by chemical name.) [Report synthetic organic medicinal chemical mixtures or compounds, in bulk, in Export Control Commodity No. 54170.]: | Lb. | 248 | XYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 51204 Antiozonants derived from paraphenylinediamine. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 51204 6,Ethoxy-1,2 dihydro-2,2,4-trimethylquinoline. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 51204 Other rubber compounding chemicals, n.e.c. | Lb. | 248 | SYZ | — | — | — | — | B |
| 51205 Esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms, including but not limited to trimethylolpropane tripelargonate. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E–14 |
| 51205 Esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, including but not limited to nonyl sebacates, nonyl azelates, nonyl adipates, octyl sebacates, octyl azelates, and octyl adipates. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E–14 |
| 51205 Esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms; and other esters of saturated monohydric alcohols with dibasic saturated aliphatic acids where both of the two constituents contain six or more carbon atoms. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51205 Polyphenyl ethers containing more than three phenyl groups. | Lb. | 221 | STVWXYZ | — | 500 | 250 | — | A E–14 |
| 51205 Methyl stearate; and triethyl phosphate. | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| 51205 Other plasticizers, n.e.c. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| 51206 Sodium pentachlorophenol; 2,3-dichloroallyl diisopropylthiolcarbamate; and 2,3,3-trichloroallyl diisopropylthiolcarbamate. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 51206 Other herbicides; fungicides; dichlorodiphenyl trichloroethane (DDT); polychlor insecticides; organic phosphate insecticides; copper (cupric) acetoarsenite (paris green); sulphoxide N-octyl sulphoxide of isosafrole; fumigants (soil, grain, and industrial).[1] | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| 51206 Soil conditioners | Lb. | 248 | SZ | 500 | — | — | — | B |
| 51206 Other pesticides and synthetic organic agricultural chemicals, except formulations or preparations or pesticidal chemicals put up for retail sale.[1] | Lb. | 248 | SYZ | 500 | — | — | — | B |
| 51207 Anti-knock agents | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 51207 Chemicals for flavor and perfumery use, natural origin. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 51207 Other chemicals for flavor and perfumery use, synthetic origin; and compounds containing natural and/or synthetic essential oils. | Lb. | 248 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for herbicides which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51207** Diastefor; rennet, dry or liquid; rennin; and thromboplastin. | Lb. | 248 | SZ | — | — | — | — | B |
| **51207** Other enzymes | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51208** Diorthotolyl-urethane; diphenyl urethane; ethyl phenyl urethane; methyl NN-diphenylurea (methyl unsymmetrical diphenylurea); 2-nitrodiphenylamine (N-phenyl-2-nitroaniline; nitrophenylamine); and NN-diphenylurea (unsymmetrical diphenylurea). | Lb. | 221 | STVWXYZ | — | 500 | — | — | A E-14 |
| **51208** Ethyl centralite (diethyldiphenylurea); ethyl NN-diphenylurea (ethyl unsymmetrical diphenylurea); and methyl centralite. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-14 |
| **51208** Polyphenyl ethers containing more than three phenyl groups. | Lb. | 221 | STVWXYZ | — | 500 | 250 | — | A E-14 |
| **51208** Alpha-trioxymethylene (for example, Trioxane®). | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51208** Cadmium salicylate | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51208** Xanthophyll feed supplement | Lb. | 248 | SZ | — | — | — | — | B |
| **51208** Photographic chemicals, film developers only. | Lb. | 248 | SZ | — | — | — | — | B |
| **51208** Other cyclic chemical products, n.e.c.[1] | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **51209** Guanidine nitrate | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-13 |
| **51209** 3 nitraza-1,5 pentane diisocyanates [di (2-isocyano ethyl) nitramine]. | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| **51209** Tetrazene [1-guanyl (5' tetrazolyl) 4 guanyltetrazine hydrate]. | Lb. | 221 | STVWXYZ | — | 500 | — | — | A E-13 |
| **51209** Chloropentafluorobutadiene | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |
| **51209** Copolymers of bromotrifluoroethylene and chlorotrifluoroethylene. | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |
| **51209** Dibromotetrafluoroethane (e.g., Freon-114B2®). | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-14 |
| **51209** Monochlorodifluoroethane (e.g., Fluorocarbon 142B®); and monochlorodifluoromethane (e.g., Freon-22®). (Specify by name.) | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | E-14 |
| **51209** Fluoro-alcohol esters and perfluoro-alkyl ethers. | Lb. | 221 | STVWXYZ | — | 500 | 250 | — | A E-14 |
| **51209** Hexafluoropropylene | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |
| **51209** Polybromotrifluoroethylene | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-14 |
| **51209** Tetrafluoroethylene | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-14 |
| **51209** Trichlorotrifluoroethane (e.g., Freon 113®; and Freon-TF Solvent®); and dichlorotetrafluoroethane (e.g., Freon-114®). (Specify by name.) | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |
| **51209** Trifluoromonochloroethylene | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-14 |
| **51209** Vinylidene fluoride and other organic intermediates containing 10 percent or more of combined fluorine, used in the manufacture of fluorinated elastomeric products. | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 51209 Trichloroethylene specially purified and/or neutrally stabilized for precision type metal cleaning or degreasing. | Lb. | 242 | STVWXYZ | — | 500 | — | — | |
| 51209 Bromomonochlorodifluoromethane (e.g., Freon 12B1®); dibromodifluoromethane (e.g., Freon-12B2®); dibromomonochlorotrifluoroethane (e.g., Freon-113B2®); difluoroethane e.g., Fluorocarbon-152A®); bromotrifluoromethane (e.g., Freon-13B1®; Freon-13B1®) chloropentafluoroethane (e.g., Freon-115®); chlorotrifluoromethane (e.g., Freon 13®); octafluorocyclobutane (e.g., Freon C318®); tetrachlorodifluoroethane (e.g., Freon-112®); and tetrafluoromethane (e.g., Freon-14®). | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51209 Other organo-fluorine compounds, n.e.c.. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| 51209 Organic flocculating agents ..... | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 51209 Alpha-trioxymethylene (for example, Trioxane®). | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 51209 Bis 2 (2, 2' dinitropropyl) formal and acetal. | Lb. | 221 | STVWXYZ | — | 500 | 250 | — | A |
| 51209 2-cyanoacetamide ..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| 51209 Diethylaminoethanol ..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| 51209 Diethylene triamine of a purity 96 percent or higher. | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-14 |
| 51209 Diethylene triamine of a purity less than 96 percent. | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | E-14 |
| 51209 Di-ethyl methyl phosphonite ..... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51209 Di-isopropyl amino ethyl chloride hydrochloride. | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51209 Di-isopropyl carbodiimide ..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| 51209 2-di-isopropyl aminoethanol ..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| 51209 Di-methyl hydrogen phosphite ..... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| 51209 2, 2' dinitropropanol..... | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| 51209 Esters of trimethylol propane or trimethylol ethane or pentaerythritol with saturated monobasic acids containing more than six carbon atoms, including but not limited to trimethylolpropane tripelargonate. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-14 |
| 51209 Esters of saturated aliphatic monohydric alcohols containing more than six carbon atoms with adipic or azelaic or sebacic acids, including but not limited to nonyl sebacates, nonyl azelates, nonyl adipates, octyl sebacates, octyl azelates, and octyl adipates. | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-14 |
| 51209 Esters of dibasic saturated aliphatic acids combined with polyglycols, where one or both of the two constituents contain six or more carbon atoms; and other esters of saturated monohydric alcohols with dibasic saturated aliphatic acids where both of the two constituents contain six or more carbon atoms. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51209** Lead styphnate (lead trinitroresorcinate). | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E–13 |
| **51209** Lysergic acid di ethyl amine..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| **51209** Malononitrile ..... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| **51209** Methyl dichlor phosphine..... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| **51209** Methyl isonicotenate ..... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | |
| **51209** Methyl phosphonyl dichloride ..... | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | |
| **51209** N, N-diethyl ethylene diamine (diethylamino ethylamine). | Lb. | 222 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **51209** Organic chemicals, *the following only:* amyl ziran; barium styphnate; cobalt salts of organic compounds (for example, cobalt acetate); isopropyl ether; pentaerythritol; 2,4,4, trimethylpentene; and thiodiglycol. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51209** Organic chemicals, *the following only:* A, B-dibromopropionic acid; adenylic acid; camphoric acid; camphosulfuric acid; corn protein denaturant; crotonaldehyde; cyanacetamide; diacetone alcohol; diethyl malonate; dimethyl glyoxime; dipentaerythritol acetate; dipentaerythritol hexapropionate; dipentaerythritol hexybutyrate; ethyl alcohol; ethyl butyrate; ethyl chloride; ethyl chloroacetate; ethyl chlorocarbonate; ethyl formate; ethyl hydrogen sulfate; ethyl lactate; ethyl malonate; ethyl mercaptan; glutaronitrile; glyceryl monostearate; methyl glutamate; methyl hydroxy acetate (methyl glycolate); methylinoylacetaldehyde; monoisopropanolamine; monopentaerythritol diacetate dibutyrate; monopentaerythritol tetrabutyrate; pentanedione 2-4 (acetylacetone); and perpinyl acetate. | Lb.[1] | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51209** Lithium salts of organic compounds.... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | E–13 |
| **51209** Yttrium salts of organic compounds.... | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | E–13 |
| **51209** Triethyl aluminum; trimethyl aluminum; dibutyl tin compounds; triethylborane, tripropyl borane, triisopropyl borane, and other organic compounds useable as catalysts in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51209** Boric acid esters..... | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E–13 |
| **51209** Lecithin; monosodium glutamate and products; oleic acid; and stearic acid. | Lb. | 248 | SZ | — | — | — | — | B |
| **51209** Acetobromopropyl lactate ..... | Lb. | 248 | SZ | — | — | — | — | B |
| **51209** Aluminum stearate solution for waterproofing masonry; dimethylphenylbenzyl ammonium hydroxide; and n-methyltaurine slurry. | ..... | 248 | SZ | — | — | — | — | B |
| **51209** Behenic acid; lauric acid; myristic acid; and palmetic acid. | Lb. | 248 | SYZ | — | — | — | — | B |
| **51209** Methionine hydroxy analogue..... | Lb. | 248 | SYZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report ethyl alcohol in "gallon."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 51209 Miscellaneous organic chemicals, excluding cyclic, n.e.c., *the following only:* aluminum acetate; aluminum dihydroxyaminoacetate; aluminum formate solutions; aluminum isopropylate; aluminum lactate; aluminum octoate; aluminum oxiquinolate; ammonium acetate; ammonium bitartrate; ammonium ferric oxalate; ammonium oxalate; ammonium thioglycollate; antimony lactate; cadmium acetate; cadmium octoate; calcium acetate; calcium formate; calcium linoleate, except paint and varnish dryers; calcium tartrate; chlorophyll, dry; chlorophyll solution (in oil); iron protoxalate; iron sodium oxalate; magnesium oxyphenyl arsenate; manganese acetate; potassium acetate; potassium bitartrate; potassium oxalate; potassium oxichinolin sulfonate; potassium salicylate; sodium allyl arsenate; sodium bitartrate (acid sodium tartrate); sodium formate; sodium gluconate; sodium methylate; sodium oxalate; sodium potassium tartrate; sodium salicylate; sodium stearate; tartar emetic; zinc acetate; and zinc stearate. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 51209 Other miscellaneous industrial and other organic chemicals, including intermediates, n.e.c.[1] | Lb.[2] | 228 | SXYZ | — | — | — | 100 | B |
| 51310 Industrial gases, including rare gases, *except helium and mixtures thereof.* [Report net quantity in cubic feet of equivalent gas.] [3] | M cu. ft. | 228 | SXYZ | — | — | — | 100 | B |
| 51325 Quicksilver or mercury | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–7 |
| 51327 Carbon black, all forms; and carbon | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 51329 Boron element (metal), all forms | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| 51329 Calcium metal containing less than one hundredth (0.01) percent by weight of impurities other than magnesium *and* less than 10 parts per million of boron. | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E–7 |
| 51329 Lithium metal | Lb. | 221 | STVWXYZ | — | 500 | — | — | A E–7 |
| 51329 Polycrystalline silicon of a purity of 99 99 percent or more. | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–7 |
| 51329 Polycrystalline silicon of a purity of 99.9 percent up to but not including 99.99 percent. | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E–7 |
| 51329 Monocrystalline silicon | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–7 |
| 51329 Yttrium metal and powders | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–7 |
| 51329 Monocrystalline and polycrystalline forms of the following metals: beryllium; columbium or niobium; hafnium; molybdenum; tantalum; titanium; tungsten; and zirconium. | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–7 |
| 51329 Phosphorus, elemental | Lb. | 248 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report methanol in "gallon"; report acetylene in "thousand cubic feet"; and report glycerine in "content pound."

[3] Helium and mixtures thereof require export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51329** Arsenic powder; pyrographite (deposited carbon); and iodine U.S.P. (resublimed). | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51329** Sulfur, sublimed, precipitated, or colloidal. | Lb. | 248 | SXYZ * | — | — | — | 100 | B |
| **51329** Other chemical elements, n.e.c.[1] | Lb. | 228 | SYZ | — | — | — | — | B |
| **51333** Sulfuric acid; and oleum | Cnt. lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51338** Fluoroboric acid, all concentrations | Cnt. lb. | 242 | STVWXYZ | — | 500 | 500 | — | E–13 |
| **51338** Boric acid in which the boron-10 isotope comprises more than 20 percent of the total boron content. | Cnt. lb. | 241 | STVWXYZ | — | 500 | 100 | — | A E–13 |
| **51338** Other boric acids | Cnt. lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51338** Hydrochloric or muriatic acid | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51338** Other inorganic acids and oxygen compounds of non-metals or metalloids.[2] | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51340** Phosphorus oxychloride; and phosphorus trichloride. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51340** Chlorine trifluoride | Lb. | 241 | STVWXYZ | — | 500 | 100 | — | A E–13 |
| **51340** Other halogen compounds and sulfur compounds of non-metals or metalloids.[2] | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51350** Cobalt oxide; and cobalt hydroxide | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51350** Iron hydroxide; and zinc peroxide | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51350** Iron oxide pigments | Lb. | 248 | SZ | — | — | — | — | B |
| **51350** Catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51350** Other oxides of zinc, titanium, manganese, lead, or iron. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51361** Ammonia, anhydrous or in aqueous solution. | Cnt. lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51362** Sodium hydroxide (caustic soda), solid and liquid. | Lb.[3] | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51363** Potassium hydroxide; potassium peroxide; and sodium peroxide. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51364** Magnesium oxide, precipitated, purity 97 percent or higher. | Lb. | 242 | STVWXYZ | — | 500 | 50 | — | E–13 |
| **51364** Catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51364** Other strontium, barium or magnesium oxides, hydroxides and peroxides. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51365** Alumina, all types, 99 percent purity and over. | Lb. | 262 | STVWXYZ | — | 500 | — | — | |
| **51365** Aluminum oxide and hydroxide catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51365** Other aluminum oxide and hydroxide | Lb. | 268 | SYZ | — | — | — | — | B |
| **51366** Aluminum oxide catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Fluorine requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[3] Report liquid form in "content pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 51366 Aloxite® scrap | Lb. | 268 | SZ | — | — | — | — | B |
| 51366 Other artificial corundum (fused aluminum oxide). | Lb. | 268 | SYZ | — | — | — | — | B |
| 51367 Catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51367 Other chromium oxides, anhydrides, and hydroxides. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 51368 Tin oxides | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 51369 Beryllium oxides, hydroxides, and compounds. | Lb. | 241 | STVWXYZ | — | 500 | 500 | — | A E–13 |
| 51369 Monocrystalline gallium compounds. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| 51369 Monocrystalline indium compounds. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 250 | — | A E–13 |
| 51369 Other gallium oxides, hydroxides and peroxides. (Specify by name.) | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–13 |
| 51369 Germanium oxides, hydroxides and peroxides, 99.99 percent or better purity. | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E–13 |
| 51369 Hafnium oxides containing more than 15 percent hafnium by weight. (State hafnium content.) | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| 51369 Hafnium oxides containing 15 percent or less hafnium by weight. (State hafnium content.) | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| 51369 Lithium oxides and hydroxides. [Report isotope enriched lithium in Export Control Commodity No. 51500.] | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–13 |
| 51369 Molybdenum oxide. [Report natural molybdenum oxide in Export Control Commodity No. 28393.] | Lb. | 262 | STVWXYZ | — | 500 | 25 | — | |
| 51369 Rhenium oxides and compounds | Lb. | 242 | STVWXYZ | — | 500 | — | — | |
| 51369 Oxides, hydroxides and peroxides of tantalum, niobium (columbium), or tantalum-niobium containing 20 percent or more of tantalum or niobium. | Lb. | 241 | STVWXYZ | — | 500 | 25 | — | A E–13 |
| 51369 Other oxides, hydroxides and peroxides of tantalum, niobium (columbium), or tantalum-niobium. | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–13 |
| 51369 Zirconium oxide containing less than one part hafnium to 500 parts zirconium. (Specify by name.) (State hafnium content.) | Lb. | 241 | STVWXYZ | — | 500 | 25 | — | A E–13 |
| 51369 Other zirconium oxide, purity 97 percent or higher, or stabilized with lime and/or magnesia. (State hafnium content.) | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–13 |
| 51369 Yttrium oxides, hydroxides and peroxides. (Specify by name.) | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–13 |
| 51369 Nickel oxide and other catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 51369 Other inorganic bases and metallic oxides, hydroxides and peroxides.[1] | Lb. | 228 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Hydrazine and hydrazine hydrate require export authorization from the U. S. Department of State. See paragraph 370.5(a).



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51440** Calcium sulfate | Lb. | 248 | SZ | — | — | — | — | B |
| **51440** Other inorganic pigments, n.e.c. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51450** Aluminum compounds, useable as catalysts for petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51450** Aluminum compounds, *the following only:* alum, crystallized; aluminum fluoride; aluminum nitrate; aluminum silicate; ammonia alum; potash alum; potassium alum; potassium aluminum sulfate; soda alum; sodium aluminate; and sodium aluminum sulfate. | Lb. | 248 | SYZ | — | — | — | — | B |
| **51450** Other aluminum compounds, n.e.c. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51460** Borohydrides and other boron compounds and mixtures containing 5 percent or more boron, *except fluoroborates, perborates, and inorganic borates.* | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E-13 |
| **51460** Potassium fluoroborates; and sodium fluoroborates. | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E-13 |
| **51460** Other fluoroborates; and borates refined. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51460** Sodium azide | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E-13 |
| **51460** Sodium perchlorate; and potassium perchlorate. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51460** Molecular sieves, not loaded (for example, sodium aluminosilicate). (Specify type and form, such as powder or pellets.) [Report molecular sieves, loaded, in Export Control Commodity No. 59999.] | Lb. | 222 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **51460** Sodium compounds and potassium compounds, *the following only:* potash-magnesia carbonate; potassium arsenite; potassium bicarbonate; potassium bisulfate; potassium meta-bisulfite; potassium phosphate, monobasic; potassium silicate; potassium sulfate; potassium sulfide; rochelle salts; sodium ammonium phosphate; sodium arsenate; sodium bisulfite; sodium chlorite; sodium orthosilicate; sodium sesquicarbonate; sodium silicate or water glass; sodium sulfate; and sodium thiosulfate. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| **51460** Sodium bicarbonate (baking soda); and sodium propionate (bread making compound). | Lb. | 248 | SZ | — | — | — | — | B |
| **51460** Other sodium and potassium compounds, n.e.c.[1] | Lb. | 248 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Potassium nitrate requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51470** Materials suitable for application in electromagnetic devices making use of the gyromagnetic resonance phenomenon. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 500 | — | A E–13 |
| **51470** Boron carbides, hydrides, and nitrides, all forms. | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E–13 |
| **51470** Tantalum carbide | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A |
| **51470** Lead thiocyanate | Lb. | 241 | STVWXYZ | — | 500 | 250 | — | A E–13 |
| **51470** Molybdenum disulfide, 86 percent content or higher. | Lb. | 262 | STVWXYZ | — | 1,000 | 1,000 | — | E–13 |
| **51470** Molecular sieves, not loaded (for example, crystalline calcium alumino-silicate). (Specify type and form, such as powder or pellets.) [Report molecular sieves, loaded, in Export Control Commodity No. 59999.] | Lb. | 222 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **51470** Boron trifluoride and its complexes | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A E–13 |
| **51470** Boron trichloride and its complexes | Lb. | 222 | STVWXYZ | — | 500 | 100 | — | E–13 |
| **51470** Ammonium fluoroborate | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E–13 |
| **51470** Boron compounds and mixtures containing 5 percent or more boron, *except boric oxides, borates, and fluoroborates.* | Lb. | 221 | STVWXYZ | — | 500 | — | — | A E–13 |
| **51470** Other boron compounds and mixtures | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51470** Monocrystals of ferrites, synthetic. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 500 | — | A E–13 |
| **51470** Hydrogen peroxide in concentrations of 80 percent up to and including 85 percent.[1] | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| **51470** Hydrogen peroxide in concentrations of 66 percent up to but not including 80 percent. | Lb. | 242 | STVWXYZ | — | 500 | — | — | |
| **51470** Hydrogen peroxide in concentrations over 5 percent up to but not including 66 percent. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **51470** Hydrogen peroxide in concentrations of 5 percent or less. | Lb. | 248 | SZ | — | — | — | — | B |
| **51470** Hafnium compounds containing more than 15 percent hafnium by weight. (Specify by name and state hafnium content.) | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| **51470** Hafnium compounds containing 15 percent or less hafnium by weight. (Specify by name and state hafnium content.) | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| **51470** Beryllium compounds, including, but not limited to, beryllium nitrate, beryllium sulfate, beryllium carbonate, zinc beryllium silicate. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 500 | — | A E–13 |
| **51470** Cobalt compounds, n.e.c. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **51470** Yttrium compounds. (Specify by name.) | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| **51470** Monocrystalline indium compounds. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 250 | — | A E–13 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Hydrogen peroxide or dioxide in excess of 85 percent concentration requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51470** Monocrystalline gallium compounds. (Specify by chemical name.) | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| **51470** Other gallium compounds, n.e.c. (Specify by chemical name.) [Report oxides, hydroxides and peroxides in Export Control Commodity No. 51369]. | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| **51470** Germanium compounds, 99.99 percent or better purity, n.e.c. [Report oxides, hydroxides and peroxides in Export Control Commodity No. 51369.] | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| **51470** Hydrides in which lithium is compounded with hydrogen or complexed with other metals or aluminum hydride. | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E–13 |
| **51470** Other lithium compounds, including catalysts. [Report lithium oxides, hydroxides and peroxides in Export Control Commodity No. 51369, and isotope enriched compounds in No. 51500.] | Lb. | 242 | STVWXYZ | — | 500 | — | — | E–13 |
| **51470** Tantalum, niobium (columbium), or tantalum-niobium compounds, n.e.c., containing 20 percent or more of tantalum or niobium. (Specify by name.) | Lb. | 241 | STVWXYZ | — | 500 | 250 | — | A E–13 |
| **51470** Other compounds, n.e.c., of tantalum, niobium (columbium) or tantalum-niobium. (Specify by name.) | Lb. | 242 | STVWXYZ | — | 500 | 250 | — | E–13 |
| **51470** Zirconium compounds containing less than one part hafnium to 500 parts zirconium. (Specify by name.) (State hafnium content.) | Lb. | 241 | STVWXYZ | — | 500 | 25 | — | A E–13 |
| **51470** Lead azide; and mercury (mercuric) fulminate. | Lb. | 241 | STVWXYZ | — | 500 | 25 | — | A E–13 |
| **51470** Silicon carbide, all types, 99 percent purity and over. | Lb. | 262 | STVWXYZ | — | 500 | — | — | |
| **51470** Catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **51470** Titanium carbide ..... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **51470** Calcium molybdates or molybdenum carbides containing 50 percent or more molybdenum. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **51470** Calcium molybdates or molybdenum carbides containing less than 50 percent molybdenum. | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–7 |
| **51470** Ammonium molybdate; sodium molybdate; and potassium molybdate. | Lb. | 262 | STVWXYZ | — | 500 | 25 | — | |
| **51470** Other molybdenum salts and compounds; nickel chloride; nickel sulfate; titanium tetrachloride; and titanium trichloride. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **51470** Ammonium metavanadate; and silicon carbide less than 99 percent purity. | Lb. | 268 | SYZ | — | — | — | — | B |
| **51470** Rhenium compounds ..... | Lb. | 242 | STVWXYZ | — | 500 | — | — | |
| **51470** Insecticides, fumigants, rodenticides, and fungicides, inorganic. [Report pesticidal chemical formulations, preparations, and pesticidal chemicals put up for retail sale in Export Control Commodity No. 59920.] | Lb. | 248 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 51470 Herbicides and defoliants, inorganic. [Report pesticidal chemical formulations, preparations, and pesticidal chemicals put up for retail sale in Export Control Commodity No. 59920.] | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| 51470 Tungsten carbide powder..... | Lb. | 268 | SYZ | — | — | — | — | B |
| 51470 Industrial chemicals, as follows: cadmium sulfate; calcium carbide; calcium polysulfide; calcium silicate; carbic cake; carbic carbide; carbide powder, *except abrasive powders;* chalk, precipitated; dicalcium phosphate; epsom salts; ferrous carbonate; ferrous chloride; ferrous sulfate; iron chloride; iron phosphate; iron sulfate; iron sulfide, artificial; lead arsenite; lime bisulfate; lime phosphate; magnesium arsenide; magnesium phosphate; magnesium silicate; magnesium silicofluoride; magnesium sulfate; magnesium trisilicate; monocalcium phosphate; monocalcium sulphate; palladium chloride; palladium salts and compounds; pea carbide; silver chlorides; silver cyanide, industrial; silver nitrate; silver sulfate; silver sulfide; sodium chlorite; sodium silico aluminate; zinc carbonate; zinc cyanide; zinc hydrosulfite; zinc nitrate; zinc phosphate; and zinc sulfate. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 51470 Calcium chloride ..... | Lb. | 248 | SZ | — | — | — | — | B |
| 51470 Ferrophosphorus, containing 15 percent or more by weight of phosphorus; manganese boride; and silicon carbide non-slip surfacing material. | Lb. | 268 | SZ | — | — | — | — | B |
| 51470 Other inorganic chemicals, n.e.c.[1]..... | .....[2] | 228 | SXYZ | — | — | — | 100 | B |
| 51480 Inorganic medicinal chemicals, n.e.c., in bulk, for which industrial grades are included under other Export Control Commodity Numbers. | Lb. | Export controls applicable to these commodities are those which apply to the industrial grades. | | | | | | |
| 51480 Other inorganic medicinal chemicals, n.e.c., in bulk. [Report inorganic medicinal chemical mixtures or compounds, in bulk, in Export Control Commodity No. 54170.] | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| 51500 Radioisotopes, cyclotron-produced or naturally occurring, having an atomic number 3 through 83, and compounds and preparations thereof; and radium, radium salts and compounds. (Specify by name.)[3] | ..... | 248 | SXYZ | 500 | — | — | 100 | B |
| 51500 Other radioisotopes, cyclotron-produced or naturally occurring, and compounds and preparations thereof. (Specify by name.)[3] | ..... | 242 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report alkalies, ammonium compounds and bleaching compounds in "pound"; and report liquid air in "thousand cubic feet."

[3] Radioisotopes produced in a nuclear reactor, and compounds and preparations thereof, and uranium and thorium ores and concentrates are under the jurisdiction of the U. S. Atomic Energy Commission. See paragraph 370.5(d).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **51500** Deuterium and compounds, mixtures, and solutions containing deuterium, including heavy water and heavy paraffin, in which the ratio of deuterium atoms to hydrogen atoms exceeds 1:5000 by number. | ..... | 241 | STVWXYZ | — | 500 | — | — | A E-13 |
| **51500** Other deuterium and compounds, mixtures, and solutions containing deuterium, including heavy water and heavy paraffin. (Specify by name.) | ..... | 242 | STVWXYZ | — | 500 | — | — | E-13 |
| **51500** Polonium metal | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| **51500** Polonium-bearing salts and compounds. (Specify by name.) | ..... | 242 | STVWXYZ | — | 500 | — | — | E-13 |
| **51500** Radium metal and alloys (radium content) | ..... | 268 | SYZ | — | — | — | — | B |
| **51500** Lithium as follows: (a) lithium 6 and 7 isotopes, (b) hydrides in which lithium enriched in the 6 isotope is compounded with hydrogen or its isotopes, or complexed with other metals or aluminum hydride, (c) alloys containing any quantity of lithium enriched in the 6 isotope, or (d) any other material containing lithium enriched in the 6 isotope, including compounds, mixtures and concentrates. | ..... | 241 | STVWXYZ | — | 500 | — | — | A E-13 |
| **51500** Compounds enriched in lithium 7 isotopes. | ..... | 242 | STVWXYZ | — | 500 | — | — | E-13 |
| **51500** Other stable isotopes; and compounds and mixtures of rare earth metals, n.e.c. | ..... | 248 | SXYZ | — | — | — | 100 | B |
| **MINERAL TAR, TAR OILS, AND CRUDE CHEMICALS FROM COAL, PETROLEUM, AND NATURAL GAS** | | | | | | | | |
| **52110** Mineral tar | Gal. | 258 | SZ | 500 | — | — | — | B |
| **52130** Ammoniacal gas liquors and spent oxide produced in coal gas purification. | Cnt. lb. | 258 | SZ *and* East Germany | 500 | — | — | — | B |
| **52140** Benzene, crude | Gal. | 258 | SZ | 500 | — | — | — | B |
| **52140** Toluene, crude | Gal. | 258 | SWXYZ | 500 | — | — | 100 | B |
| **52140** Creosote; dead oil; creosote oil distillates; and resinous oil X-1. | Lb. | 258 | SZ *and* East Germany | 500 | — | — | — | B |
| **52140** Other tar oils, chemicals and other products, crude, from coal, petroleum and natural gas, n.e.c. | Lb. | 258 | SXYZ | 500 | — | — | 100 | B |
| **DYEING, TANNING, AND COLORING MATERIALS, NATURAL AND SYNTHETIC** | | | | | | | | |
| **53101** Alizarin sulfonic; indigo, natural and synthetic; and phenosafronine. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 53101 Sulfur black | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| 53101 Other synthetic organic dyestuffs. [Report household dyes and tints in Export Control Commodity No. 53332.] | Lb. | 248 | SZ | 500 | — | — | — | B |
| 53102 Color lakes and toners (synthetic organic pigments). | Lb. | 248 | SZ | 500 | — | — | — | B |
| 53230 Chromium tanning mixtures | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53230 Other synthetic tanning materials; and artificial bates. | Lb. | 248 | SZ | 500 | — | — | — | B |
| 53290 Tannins; and tanning and dyeing extracts of vegetable or animal origin. [Report natural indigo in Export Control Commodity No. 53101.] | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53310 Phosphor compounds specially prepared for lasers, including but not limited to: neodymium-doped calcium tungstate; dysprosium-doped calcium fluoride; eu-trifluoroethenoylacetonate; or praseodymium-doped lanthanum trifluoride. | ..... | 242 | STVWXYZ | — | 500 | 100 | — | |
| 53310 Luminescent zinc pigments, not radioactivated. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53310 Fluorescent powders, daylight (magnesium sulfate and ammonium tungstate). | Lb. | 248 | SZ | 500 | — | — | — | B |
| 53310 Other coloring materials (composites), n.e.c., including colors such as dispersed colors in plastics and rubber. | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| 53320 Printing inks | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53331 Prepared ceramic colors, including liquid lusters. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53331 Vitrifiable enamel (frit) and slips. | Lb. | 248 | SZ | 500 | — | — | — | B |
| 53332 Varnishes, finishes, and enamels made of polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, and polyparaxylylenes. (Specify by name.) | Gal. | 221 | STVWXYZ | 25 | 500 | 25 | — | A E–3 |
| 53332 Finishes, enamels, and dispersions wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (Specify by name.) (See § 399.2, Interpretation 22.) | Gal. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| 53332 Finishes, enamels, and dispersions as follows: (a) partially made of polytetrafluoroethylene or polychlorotrifluoroethylene, or (b) wholly made of polyvinyl fluoride. (Specify by name.) | Gal. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| 53332 Lacquers, *except alumium, gold, pearl, and silver;* and paper-backed gold stamping foil. | .....[1] | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| 53332 Varnishes, paints, and related materials as follows: fluorescent ready-mixed; antifouling types, including all those containing cuprous oxide; and those containing silicones. | Gal. | 248 | SXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report lacquers in "gallon."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **53332** Other paints, enamels, varnishes, industrial product finishes, distempers, stamping foils, water pigments, dyes and tints, and paint products, n.e.c.[1] | .....[2] | 248 | SZ | 500 | — | — | — | B |
| **53333** Artists' colors ..... | Lb. | 248 | SZ | 500 | — | — | — | B |
| **53334** Paint and varnish driers (chemical driers in solution or paste form). | Lb. | 248 | SZ | 500 | — | — | — | B |
| **53335** Pastes wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride*. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 25 | 500 | 25 | — | A E-3 |
| **53335** Pastes wholly made of polyvinyl fluoride. (Specify by name.) | Lb. | 222 | STVWXYZ | 25 | 500 | 25 | — | E-3 |
| **53335** Other putty, painters' fillings, and similar pastes. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **MEDICINAL AND PHARMACEUTICAL PRODUCTS** | | | | | | | | |
| [Report bulk preparations of two or more substances, and all medicinals in dosage form or packed for retail sale, in Export Control Commodity No. 54170.] | | | | | | | | |
| **54110** Vitamins and provitamins, bulk..... | Lb. | 248 | Z | — | — | — | — | B |
| **54130** Antibiotics, bulk ..... | Cnt. gram[3] | 248 | Z | — | — | — | — | B |
| **54140** Vegetable alkaloids, their salts and other derivatives, bulk, *the following only:* ephetonin; ergometrine; ergonovine; ecmydrine; n-hexyl nicotinate; theamin; theophylline; tubocurarene chloride; and narcotics.[4] | Lb. | 248 | XYZ | — | — | — | 100 | B |
| **54140** Other vegetable alkaloids, their salts, and other derivatives, bulk. | Lb. | 248 | YZ | — | — | — | — | B |
| **54150** Isopropyl adrenalin sulfate, bulk..... | Lb. | 248 | XYZ | — | — | — | 100 | B |
| **54150** Other hormones and their derivatives, bulk. | Lb. | 248 | Z | — | — | — | — | B |
| **54161** Aloin, bulk ..... | Lb. | 248 | YZ | — | — | — | — | B |
| **54161** Other glycosides and their derivatives, bulk. | Lb. | 248 | XYZ | — | — | — | 100 | B |
| **54162** Animal products used for medicinal purposes, bulk, *the following only:* beef brain powder; beef glands; beef heart extract; bone marrow; bone marrow concentrate; brain substance powder; fibrin muscle; glycerin extract of brain and muscle; glycerin extract, red bone marrow; inedible dried pancreas. | ..... | 248 | Z *and* East Germany | — | — | — | — | B |
| **54162** Other organo-therapeutic glands or other organs and their extracts, bulk. | ..... | 248 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Special paints for concealment or deception require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[2] Report household dyes and tints in "pound" and paints, enamels, varnishes and lacquers in "gallon."

[3] Report penicillin in "million units."

[4] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **54163** Ferments, other than yeast, *except potato flour ferment.* | Lb. | 248 | Z *and* East Germany | — | — | — | — | B |
| **54163** Viruses for human, veterinary, or laboratory use, *except hog cholera virus and simultaneous virus.* | ..... | 248 | XYZ | — | — | — | 100 | B |
| **54163** Other bacterial products, antisera, vaccines, toxins, and similar products. [Report bacteria in Export Control Commodity No. 93100.] | .....[1] | 248 | Z | — | — | — | — | B |
| **54170** Medicinal chemicals, bulk, *the following only:* iron and arsenic; Neo-silvol®; Padrophyll® (propadrine hydrochloride and theophylline); procaine and epinephrine; Rezipas®; selenium sulfide bentonite; sulfoplex 10 per cent polythionate sodium solution; and Trophite® liquid mixture for manufacture of Trophite® (no vitamins included). | ..... | 248 | XYZ | — | — | — | 100 | B |
| **54170** Medicinal chemicals, bulk, *the following only:* acetanilid and hyocyamus compound; alumidyne granules; Amigen®; Apalamine tablet granulation® and delcas. | ..... | 248 | YZ | — | — | — | — | B |
| **54170** Other medicinal chemicals, including preparations, compounds or mixtures of two or more products, bulk, n.e.c. | ..... | 248 | Z | — | — | — | — | B |
| **54170** Narcotics, dosage or packed for retail sale.[2] | ..... | 248 | XYZ | — | — | — | 100 | B |
| **54170** Alkaloids of cinchona bark, their salts, derivatives and preparations, dosage or packed for retail sale, *except parenteral solutions or ampoules.* | ..... | 248 | YZ | — | — | — | — | B |
| **54170** Pharmaceutical preparations for veterinary use, dosage or packed for retail sale, *except antibiotics, sulfonamides, hormones, vitamins and minerals.* | ..... | 248 | Z *and* East Germany | — | — | — | — | B |
| **54170** Other pharmaceutical preparations and medicinals, for human or veterinary use in dosage form or packed for retail sale. | .....[3] | 248 | Z | — | — | — | — | B |
| **54180** Medicinal and pharmaceutical products donated for relief or charity by individuals or private agencies. (Specify by name.) | Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number. | | | | | | | |
| **54191** Bandages and surgical dressings, impregnated or coated with pharmaceutical products, whether or not put up for retail sale. | Lb. | 248 | Z | — | — | — | — | B |
| **54191** Bandages and surgical dressings, not impregnated or coated with pharmaceutical products, put up for retail sale. | Lb. | 248 | Z *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report potato flour ferment in "pound."

[2] See paragraph 370.5(c) for commodities which require export authorization from the U. S. Treasury Department.

[3] Report penicillins in "million units."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **54199** Pharmaceutical goods wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | ..... | 221 | STVWXYZ | 25 | 500 | 25 | — | A E-3 |
| **54199** First aid boxes and kits, military..... | ..... | 248 | WXYZ | — | — | — | 100 | B |
| **54199** Cobalt dental alloys..... | Lb. | 268 | WXYZ | — | — | — | 100 | B |
| **54199** Dental rubber ..... | ..... | 248 | Z *and* East Germany | — | — | — | — | B |
| **54199** Other pharmaceutical goods, n.e.c..... | ..... | 248 | Z | — | — | — | — | B |
| **ESSENTIAL OILS AND PERFUME MATERIALS; TOILET, POLISHING, AND CLEANSING PREPARATIONS** | | | | | | | | |
| **55110** Essential oils and resinoids ..... | Lb. | 248 | SZ | 500 | — | — | — | B |
| **55120** Flavor and perfume materials, other than chemical; flavor oil and perfume oil mixtures and blends. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **55300** Deodorants, non-personal ..... | ..... | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **55300** Other perfumery and cosmetics, dentifrices, and other toilet preparations, except soap. | .....[1] | 248 | SZ | 500 | — | — | — | B |
| **55410** Soaps..... | Lb. | 248 | SZ | 500 | — | — | — | B |
| **55420** Surface-active agents, *the following only:* Aquarex®; Areskap 50 and 100; Arlacel®; Avitex®; BCO; Igepal® CO-403, CO-530, and CO-850; Morpelwet Z®; Neutronyx 300 and 834; NSAE Powder; Sapamine MS and WL®; Sequestrene®A, AA, and NA-2; Span; and Tween®. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **55420** Other surface-active agents..... | Lb. | 248 | SXYZ | 500 | — | — | 100 | B |
| **55420** Detergents, *the following only:* Ethomid HT® 15; Intramin® WK and Y; and Permalene® A-100, A-120, and A-180. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **55420** Other detergents and washing preparations, n.e.c. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **55430** Rifle cleaning compounds; abrasive pastes, compounds, and cake, except chemical; and steel burnishing mixtures. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **55430** Other cleansers and polishes; and leather dressings and finishes. | Lb. | 248 | SZ | 500 | — | — | — | B |
| **FERTILIZERS, MANUFACTURED** | | | | | | | | |
| **56100** Natural animal or vegetable fertilizers, chemically treated; and mixed fertilizers, *except ammonium phosphates.* | S. ton | 248 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] Report dental creams, tooth pastes, and other dental preparations in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **56100** Superphosphate; and potassic fertilizer, *except potassium chloride.*[1] | S. ton | 248 | SZ | 500 | — | — | — | B |
| **56100** Urea fertilizer | S. ton | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **56100** Other chemical fertilizers[1] | S. ton | 248 | SXYZ | 500 | — | — | 100 | B |
| **EXPLOSIVES AND PYROTECHNIC PRODUCTS**[2] | | | | | | | | |
| **57112** Oil well bullets; and jet perforators[3] | Lb. | 402 | SVWXYZ | — | — | 500 | — | E–12 |
| **57112** Prepared explosives and priming compositions containing one or more of the following chemicals: mercury fulminate; lead azide; lead styphnate (lead trinitroresorcinate); lead thiocyanate; tetrazine; or diazodinitrophenol. | Lb. | 241 | STVWXYZ | — | 500 | 25 | — | A E–14 |
| **57112** Prepared explosives and priming compositions containing either or both of the following chemicals: barium styphnate, or lead dinitroresorcinate. | Lb. | 242 | STVWXYZ | — | 500 | 25 | — | E–14 |
| **57112** Other explosives and blasting agents.[2] | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **57121** Mining, blasting and safety fuses | Lin. ft. | 248 | SXYZ | — | — | — | 100 | B |
| **57122** Electric squibs; Nos. 6 and 8 blasting caps, electric and nonelectric; delay electric blasting caps, including Nos. 6 and 8 and millisecond; seismograph electric blasting caps, including SSS, Static-Master, Vibrocap SR, and SEISMO SR.[4] | M | 248 | SXYZ | — | — | — | 100 | B |
| **57130** Nonmilitary pyrotechnical articles.[5] | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| **57140** Shotgun shells, and parts | .....[7] | 218 | SXYZ *and* Rep. So. Africa | — | — | —[8] | 100 | B |
| **57140** Cartridges, sporting rifle type, for powder-actuated industrial devices; and other hunting and sporting ammunition, n.e.c., *except hunting and sporting rifle cartridges.*[6] | .....[7] | 218 | SXYZ | — | — | — | 100 | B |
| **57140** BB shot; and lead balls | ..... | 218 | SZ | — | — | — | — | B |
| **57140** Parts for other hunting and sporting ammunition, any caliber, *except cartridge cases, powder bags, bullets, jackets, cores, cartridge shells, projectiles, boosters, fuses and components therefor, primers, and other detonating devices.*[9] (Specify by name.) [Report ammunition, other than hunting and sporting, in Export Control Commodity No. 95106.] | ..... | 211 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Potassium nitrate requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

[2] See paragraph 370.5(a) for explosives which require export authorization from the U. S. Department of State.

[3] All oil well bullets, jet perforators, shaped charges or pellets used in oil well operations are under the jurisdiction of the U.S. Department of Commerce whether or not they contain explosive compounds mentioned on the Munitions List, paragraph 370.5(a).

[4] Other blasting caps, igniters and detonators require export authorization from the U. S. Department of State.

[5] Military pyrotechnical articles require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[6] Hunting and sporting rifle cartridges require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[7] Report shotgun shells and cartridges in "thousand."

[8] A GLV dollar-value limit of $50 is established for the shipment of shotgun shells and $100 for the shipment of parts for shotgun shells to the Republic of South Africa.

[9] Export authorization from the U. S. Department of State is required for cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun), projectiles, boosters, fuses and components therefor, primers and other detonating devices. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **PLASTIC MATERIALS, REGENERATED CELLULOSE, AND ARTIFICIAL RESINS** | | | | | | | | |
| **58110** Synthetic film (including metallized) suitable for dielectric use (condenser tissue) 0.0015 inch (0.038 mm) or less in thickness, *except (a) tensilized polyester film with a thickness greater than 0.001 inch (0.0254 mm), and (b) untensilized and unmetallized polyester film with a thickness of 0.00035 inch (0.009 mm) up to and including 0.001 inch (0.0254 mm).* | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-3 |
| **58110** Untensilized and unmetallized polyester film with a thickness 0.00035 inch (0.0009 mm) up to and including 0.0007 inch (0.018 mm). | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | E-3 |
| **58110** Polyester film as follows: (a) tensilized film, with thickness greater than 0.001 inch (0.0254 mm.) up to and including 0.0015 inch (0.038 mm.), and (b) untensilized film with thickness greater than 0.0007 inch (0.018 mm.) up to and including 0.0015 inch (0.038 mm.). | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **58110** Ion exchange membranes; and ion exchange liquids. [Report styrene ion exchange resins and other polymerization and copolymerization products in Export Control Commodity No. 58120.] | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **58110** Other ion exchange resins. [Report styrene ion exchange resins and other polymerization and copolymerization products in Export Control Commodity No. 58120.] | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **58110** Fluorinated silicone rubbers and compounds. (Specify by name.) | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A |
| **58110** Other silicone rubbers and compounds.. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **58110** Epoxy resins ..... | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **58110** Acetal resins ..... | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **58110** Diorgano siloxanes capable of being polymerized to rubbery products. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **58110** Other condensation, polycondensation, and polyaddition products, unfinished or semifinished. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **58120** Materials, unfinished or semifinished, designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second. | Lb. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **58120** Fluorocarbon polymers and copolymers, *except polyvinyl fluoride*, and products wholly made thereof. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-3 |
| **58120** Other fluorocarbon polymer and copolymer products as follows: (a) polyvinyl fluoride, unfinished and semifinished, (b) molding | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | E-3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| compositions containing more than 20 percent by weight of fluorocarbon polymers or copolymers, or (c) laminates partially made of fluorocarbon polymers or copolymers, including molded, decorative, or laminated with other materials or metals. (Specify by name.) (See § 399.2, Interpretation 22.) | | | | | | | | |
| 58120 Polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, and polyparaxylylenes, and products made therefrom. | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-3 |
| 58120 Pipe and tubing made of, lined with, or covered with polytetrafluoroethylene or polychlorotrifluoroethylene. | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-3 |
| 58120 Pipe and tubing lined with, or covered with other fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | E-3 |
| 58120 Polyethylene film, sheeting or laminates containing any boron. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 58120 Methyl methacrylate, clear, film, sheeting or laminates, ¼ inch or more in thickness. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 58120 Ion exchange membranes; and ion exchange liquids. [Report condensation, polycondensation, and polyaddition products in Export Control Commodity No. 58110.] | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 58120 Other ion exchange resins. [Report condensation, polycondensation, and polyaddition products in Export Control Commodity No. 58110.] | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 58120 Other polymerization and copolymerization products, unfinished or semifinished. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| 58131 Vulcanized fiber, unfinished or semifinished. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| 58132 Cellulose acetate film suitable for dielectric use, 0.0015 inch (0.038 mm.) or less in thickness. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| 58132 Regenerated cellulose sheets and rolls, including printed, except rayon. | Lb. | 248 | SZ | — | — | — | — | B |
| 58132 Other regenerated cellulose and chemical derivatives of cellulose. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 58191 Hardened proteins | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 58192 Modified natural resins (including ester gum), and chemical derivatives of natural rubber, all in unfinished or semifinished form. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 58199 Materials designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second. | Lb. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 58199 Ammonium alginate | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **58199** Plastic and plastic composition floor tile and flooring. | Lb. | 248 | SZ | — | — | — | — | B |
| **58199** Other artificial resins and plastic materials, including natural high polymers, n.e.c.[1] | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **CHEMICAL MATERIALS AND PRODUCTS, N. E. C.** | | | | | | | | |
| **Insecticides, fungicides, disinfectants (including sheep and cattle dressing) and similar preparations which are (a) separate chemically defined products put up in forms or packings for retail sale (bulk forms are covered elsewhere in the Commodity Control List) or (b) preparations (mixtures) whether put up in bulk or for retail sale:** | | | | | | | | |
| **59920** O,O-dimethyl O-P-nitro phenyl phosphorethiate; O,O-diethyl O-P-nitro phenyl phosphorothiate; 3,4-dichloropropionanilide; 3-amino-2,5-dichlorobenzoic acid; 2-chloro-4-ethylamino-6-isopropylamino-S-triazine; 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea; 2-chloro-N-isopropylacetanilide; alpha-chloro-N-, N-diallylacetamide; 2-chloro-4,6-bis(ethylamino)-S-triazine; a,a,a,-trifluoro-2,6-dinitro-N,N,-dipropyl-p-toluidine; 2-chloroallyl diethyldithiocarbamate; 2,3,5,6-tetrachloroterephthalic acid; 2,3-dichloroallyl diisopropylthiolcarbamate; 2,3,3-trichloroallyl diisopropylthiolcarbamate; and 4-chloro-2-butylnyl-N-chlorocarbanilate. | Lb. | 248 | SZ *and* East Germany | 500 | — | — | — | B |
| **59920** Weed killers, consisting primarily of boron compounds (for example, borates, borax). | Lb. | 248 | SWXYZ | 500 | — | — | 100 | B |
| **59920** Nicotine sulfate, 40 percent basis; copper sulfate; lead arsenate; calcium arsenate; paradichlorobenzene; benzene hexachloride, technical and formulations; fumigants, insecticides, pesticides, disinfectants, deodorants, and germicides, *except the following products or preparations: Acrylon fumigant®; azobenzene fumigating powder; Blackleaf mosquito-fumer®; bug bombs (aerosol dispensers) containing over 16 ounces of insecticide; cyanide, crude; cyanogas; DD (dichloropropene-dichloropropane mixture); Dowfume W-85®; fumo gas; Hyamine® 10-X; methyl bromide; moth balls; naphthalene balls and flakes in packages exceeding 5 pounds; nematacides; nicotine fumigating powders; and soil fumigants.* | Lb. | 248 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the United States Patent Office.

[1] Nitrostarch requires export authorization from the U. S. Department of State. See paragraph 370.5(a) for other commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 59920 Other insecticides, fungicides, disinfectants, and similar products.[1] | Lb.[2] | 248 | SXYZ | 500 | — | — | 100 | B |
| 59951 Inulin | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 59951 Corn starch and other grain starches, including industrial type. | Lb. | 208 | SYZ | — | — | — | — | B |
| 59951 Other starches, n.e.c. | Lb. | 208 | SZ | — | — | — | — | B |
| 59952 Gluten and gluten flour | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| 59958 Casein hydrolysate; casein lactalbumin; lactalbumin; lactalbumin hydrolysate; lactarene (casein); and inedible soybean protein. | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| 59958 Other albumins, caseins, glues and adhesives of fish, animal or vegetable origin; and albuminoidal substances, including edible and inedible gelatins. | Lb. | 208 | SZ | — | — | — | — | B |
| 59958 Adhesives or cements wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A E-3 |
| 59958 Adhesives or cements wholly made of polyvinyl fluoride. (Specify by name.) | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | E-3 |
| 59958 Cementing preparations *the following only:* cementing preparations for pyroxylin watch glasses, film cement with paraffin, floor cement, floor patch, concrete, iron cement, linoleum cement except rubber, linoleum paste except rubber, polishing wheel cement, roofing cement, running board cement, soil pipe cementing preparation, solder flue, automobile top sealer, wall board cementing preparations, thread lubricant and seal compound, tire cut filler. | Lb. | 248 | SZ | — | — | — | — | B |
| 59958 Dextrins (e.g., British gum) | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 59958 Other peptones, glues, and adhesives | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 59961 Liquid rosin (waste) | Lb. | 208 | SZ | — | — | — | — | B |
| 59961 Other tall oil | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| 59962 Concentrated sulfite lye | Lb. | 208 | SZ | — | — | — | — | B |
| 59963 Pine oil, except pine-needle oil; terpenic solvents, n.e.c.; gum turpentine; and wood turpentine. | Gal. | 208 | SZ *and* East Germany | — | — | — | — | B |
| 59964 Wood rosins; gum rosin; tall oil rosin; derivatives of rosin and resin acids, except ester gums. | Lb. | 208 | SYZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for antiplant chemicals which require export authorization from the U. S. Department of State.

[2] Report DDT (dichlorodiphenyl trichloroethane) preparations in "content pound" weight of DDT.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **59965** Wood tar; wood tar oils; wood creosote; wood naphtha; and acetone oil. | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| **59966** Wood pitch and products based thereon or on rosin. | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| **59966** Other vegetable pitch and products based thereon or on rosin. | Lb. | 208 | SZ | — | — | — | — | B |
| **59971** Polyethylene wax containing any boron. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |
| **59971** Mineral waxes, modified; vegetable waxes, modified; and lipstick waxes. | Lb. | 248 | SZ | — | — | — | — | B |
| **59971** Other artificial waxes and prepared waxes, not emulsified or containing solvents. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| **59972** Artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 or greater, *except non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5°C. (60° F.).* | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A |
| **59972** Other artificial graphite in block, brick, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size and boron content in parts per million.) | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-8 |
| **59972** Other pyrolytic graphite and products, n.e.c. | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | |
| **59972** Artificial non-pyrolytic graphite and products, having an apparent relative density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.), in such forms as will not pass through a two-inch square hole. | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | E-8 |
| **59972** Other artificial graphite products in block, brick, plate, or rod form, smallest dimension 2 inches or over. (Specify by name, size, and boron content in parts per million.) | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | E-8 |
| **59972** Other artificial and colloidal graphite.. | Lb. | 228 | SYZ | — | — | — | — | B |
| **59973** Amber black ..... | Lb. | 208 | SZ | — | — | — | — | B |
| **59973** Other animal black, except activated... | Lb. | 208 | SZ *and* East Germany | — | — | — | — | B |
| **59974** Prepared glazings, dressings, mordants, and sizes. | Lb. | 248 | SZ | — | — | — | — | B |
| **59975** Anti-knock compounds; and additives for lubricating oils. (Specify by name.) | ..... | 248 | SWXYZ | — | — | — | 100 | B |
| **59975** Additives for fuel oil and liquid gum inhibitors for treating petroleum distillates. | ..... | 248 | SXYZ | — | — | — | 100 | B |
| **59976** Prepared rubber accelerators..... | Lb. | 248 | SYZ | — | — | — | — | B |
| **59977** Prepared culture media..... | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 59978 Charges for fire extinguishers..... | Lb. | 218 | SZ *and* East Germany | — | — | — | — | B |
| 59991 Dental impression compounds and modelling pastes in plates, sticks, and similar forms. | Lb. | 268 | SZ | — | — | — | — | B |
| 59992 Activated carbon useable as catalysts in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 59992 Other activated carbon and activated charcoal; and bleaching earth, acid activated. | Lb. | 248 | SXYZ | — | — | — | 100 | B |
| 59992 Other activated natural mineral products. | Lb. | 248 | SZ | — | — | — | — | B |
| 59993 Cerium lighter flints or ferrocerium.... | Lb. | 268 | SZ | — | — | — | — | B |
| 59993 Other pyrophoric alloys..... | Lb. | 268 | SYZ | — | — | — | — | B |
| 59994 Pickling preparations for metal surfaces; auxiliary preparations for soldering, brazing, or welding (fluxes, powders, pastes), containing metal and other constituents. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 59995 Composite solvents, paint removers, thinners, and other similar products. | Lb. | 248 | SZ *and* East Germany | — | — | — | — | B |
| 59999 Molecular sieves, loaded (for example, crystalline calcium or crystalline sodium aluminosilicate). (Specify type and form, such as powder or pellets, and loading material.) [Report molecular sieves, not loaded, in Export Control Commodity Nos. 51460 and 51470.] | Lb. | 222 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 59999 Nickel compound catalysts, and other catalysts useable in petroleum and chemical processing operations. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| 59999 Other compound catalysts *not* useable in petroleum or chemical processing operations. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| 59999 Hydraulic fluids, synthetic, formulated wholly or in part with silicones, organo-silicates, silanes, and fluoro-alcohol esters and perfluoro-alkyl ethers. (Specify by name.) | Bbl.[1] | 251 | STVWXYZ | — | 500 | 500 | — | A E-14 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Barrel of 42 gallons.



86-000 O - 67 - 4 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **59999** Hydraulic fluids, as follows: (a) synthetic, having a viscosity of not more than 4,000 centistokes at minus 65° F. (minus 54° C.) and not less than 1.5 centistokes at plus 302° F. (plus 150° C.) or (b) which are or which contain as the principal ingredients petroleum (mineral) oils *and having all* of the following characteristics: (i) a pour point of minus 30° F. (minus 34° C.) or lower, (ii) a viscosity index (VI) of 75 or greater, and (iii) are thermally stable at plus 700° F. (plus 371° C.).[2] | Bbl.[1] | 251 | STVWXYZ | — | 500 | 25 | — | A E-4 |
| **59999** Hydraulic fluids which are or which contain as the principal ingredients petroleum (mineral) oils which have: (a) a pour point of minus 30° F. (minus 34° C.) or lower, and (b) are thermally stable at plus 700° F. (plus 371° C.), but have a viscosity index (VI) of *less than* 75.[2] | Bbl.[1] | 252 | STVWXYZ | — | 500 | 25 | — | E-4 |
| **59999** Other hydraulic fluids, oils, and lubricants, petroleum or synthetic based. (Bbl. of 42 gal.) [Report hydraulic fluids containing 70 percent or more by weight of petroleum or shale oil in Export Control Commodity No. 33291.] | Bbl.[1] | 258 | SWXYZ | — | — | — | 100 | B |
| **59999** Water softeners, water purifiers, and boiler feed water compounds. | ..... | 248 | SZ *and* East Germany | — | — | — | — | B |
| **59999** Organic flocculating agents such as but not limited to Aerofloc®, Benefit®, Dearfloc®, Nalco®, Nalcolyte®, Polyfloc®, Separan®, and SuperFlo®. | Lb. | 248 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] Barrel of 42 gallons.

[2] Thermal stability is determined as follows: twenty c.c. of the fluid under test shall be placed in a 46 c.c. stainless steel chamber containing one each of .5 inch diameter balls of M-10 tool steel, 52100 steel, and naval bronze. The chamber shall be purged with nitrogen, sealed at atmospheric pressure, and the temperature raised to 371 plus or minus 6° C. and maintained at this temperature for six hours. The specimen will be considered thermally stable if at the completion of the above procedure all of the following conditions are met: (a) the weight loss of each ball is less than 0.1 milligram per square centimeter of surface, (b) the change in original viscosity as determined at 38° C. is less than 25 percent, and (c) the total acid or base number is less than .40.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **59999** Chemical products or preparations, n.e.c., *the following only:* brewers' tank coating compounds; chemical compounds for manufacturing ice cream; chill proofing compounds; clarifier for beer or ale; clarifying powder for wines; concrete hardeners; concrete plasticizer compounds; concrete waterproofing compounds; dental plasters and preparations; Diol oleate® (rubber thread lubricating compound); dough improvers; etching compounds; glycerol stearate (emulsifying agent); hat finishing powders; indicating pastes; ink conditioners; ink thinners for cellophane printing; iron oxide suspension (spirit dispersion) laundry sour; leather binding compounds; lipstick bases; meat curing compounds; metal patch solvents; metallic hardeners for cement floors; platinum plating solutions; road binding compounds screening pastes; shark deterrents; shaving cream bases, concentrated; silk-stocking savers in tablet form; and talc paste. | ..... | 248 | SZ | — | — | — | — | B |
| **59999** Other chemical products or preparations, except alkylbenzene, dodecylbenzene, and other detergent alkylates, n.e.c. | .....[1] | 248 | SXYZ | — | — | — | 100 | B |
| **SECTION 6—MANUFACTURED GOODS CLASSIFIED CHIEFLY BY MATERIAL** | | | | | | | | |
| **LEATHER, LEATHER MANUFACTURES N.E.C. AND DRESSED FUR SKINS** | | | | | | | | |
| **61120** Leather | .....[2] | 208 | SZ | 500 | — | — | — | B |
| **61210** Machine belting and other articles for use in machinery, of leather, including composition and reconstituted leather. | ..... | 208 | SZ | 500 | — | — | — | B |
| **61230** Rubber heels, soles, soling, top lifts, and top lift sheets. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **61230** Prepared parts of footwear of all other materials, except of asbestos and metals. | ..... | 218 | SZ | 500 | — | — | — | B |
| **61280** Manufactures of leather, n.e.c.; and saddlery and other harness makers goods of all materials. | ..... | 208 | SZ | 500 | — | — | — | B |
| **613** Fur skins, tanned or dressed, including dyed. | .....[3] | 208 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report the following commodities in "pound": collecting agents for the concentration of ores and minerals; and composite diagnostic reagents.

[2] Report the following in "pounds": reconstituted and artificial leather, and cattle hide and kip side sole, belting, welting, rough, russet and crust leather. Report the following leather in "square feet": other cattle hide and kip and equine, sheep, lamb, goat, and kid.

[3] Report fur skins other than pieces, plates, mats, strips, crosses, and sacs in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **RUBBER MANUFACTURES, N.E.C.** | | | | | | | | |
| **62101** Rubber sheet packing and other unvulcanized rubber plates, sheets, and strips wholly made of fluorocarbon polymers or copolymers, including those only surface-worked and/or cut into rectangular shapes. (Specify by name and type.)[1] | Lb. | 221 | STVWXYZ | — | 500 | 100 | — | A |
| **62101** Masterbatches, cis-rubber types, in plates, sheets, or strips, including those only surface-worked and/or cut into rectangular shapes. | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **62101** Other unvulcanized rubber plates, sheets, or strips, including those only surface-worked and/or cut into rectangular shapes. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **62102** Unvulcanized rubber n.e.c., wholly made of fluorocarbon polymers or copolymers. (Specify by name.)[1] | Lb.[2] | 221 | STVWXYZ | — | 500 | 100 | — | A |
| **62102** Masterbatches, cis-rubber types, n.e.c... | Lb. | 228 | SWXYZ | — | — | — | 100 | B |
| **62102** Other rubber cements..... | Gal. | 228 | SZ *and* East Germany | — | — | — | — | B |
| **62102** Sponge rubber, chemically blown or foam. | Lb. | 228 | SYZ | — | — | — | — | B |
| **62102** Other unvulcanized natural or synthetic rubber, n.e.c. | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **62103** Rubber thread and cord, covered or bare. | Lb. | 228 | SZ *and* East Germany | — | — | — | — | B |
| **62105** Hose and tubing made of, lined with, or covered with polytetrafluoroethylene or polychlorotrifluoroethylene, or wholly made of any other fluorocarbon polymers or copolymers. (Specify by name.)[1] | Lb. | 221 | STVWXYZ | — | 500 | 50 | — | A |
| **62105** Rubber hose and tubing lined with or covered with other fluorocarbon polymers or copolymers.[1] | Lb. | 222 | STVWXYZ | — | 500 | 50 | — | E–1 |
| **62105** Other rubber hose and tubing, n.e.c.... | Lb. | 228 | SYZ | — | — | — | — | B |
| **62910** Tires, of a kind specially constructed to be bullet proof or run when deflated. (Specify type.) | No. | 211 | STVWXYZ | — | 500 | — | — | A |
| **62910** Other aircraft tires..... | No. | 212 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **62910** Aircraft inner tubes..... | No. | 212 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **52910** Farm tractor and implement tires; and solid and cushion tires, truck and industrial. | No. | 218 | SYZ | — | — | — | — | B |
| **62910** Other tires as follows: (a) of 10 ply rating or over, in sizes 9:00 or over, and (b) tires with a non-directional tread design. | No. | 218 | SWXYZ | — | — | — | 100 | B |
| **62910** Other vehicle pneumatic tires and inner tubes. | No. | 218 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] See § 399.2, Interpretation 22.
[2] Report cement in "gallon."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **62910** Other solid and cushion tires; and tire flaps. | No.[1] | 218 | SZ | — | — | — | — | B |
| **62930** Atomizer bulbs, bath sprays, ice bags, medicine droppers (glass droppers with rubber sacs), nipple shields, nursers, nursing bottle nipples and teats, pacifiers, rubber sacs for medicine droppers, sponge bags, teething rings, and water bottles. | ..... | 218 | SZ | — | — | — | — | B |
| **62930** Other hygienic and pharmaceutical articles of unhardened rubber. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| **62940** Transmission, conveyor or elevator belts, and belting of rubber, including V belts. | Lb. | 218 | SYZ | — | — | — | — | B |
| **62988** Packing materials and other articles of unhardened vulcanized rubber, n.e.c., wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | — | 500 | 50 | — | A |
| **62988** Packing materials and other articles, n.e.c., wholly made of polyvinyl fluoride. | Lb. | 222 | STVWXYZ | — | 500 | 500 | — | |
| **62988** Other rubber packing..... | Lb. | 228 | SXYZ | — | — | — | 100 | B |
| **62988** Materials designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second. | Lb. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **62988** Floor and wall coverings (including mats and matting); crib sheets; water cushions, water pillows; and foam rubber stripping and sponges. | Lb. | 218 | SZ | — | — | — | — | B |
| **62988** Other sponge rubber and foam rubber goods. | Lb. | 218 | SYZ | — | — | — | — | B |
| **62988** Other articles of unhardened vulcanized rubber, n.e.c. | Lb. | 218 | SZ *and* East Germany | — | — | — | — | B |
| **62989** Ebonite sheets and sheeting, electrical; insulating material; insulators; rods, electrical; sheets, electrical; and tubes and tubing, electrical. | Lb. | 218 | SYZ | — | — | — | — | B |
| **62989** Other hardened rubber goods, n.e.c..... | Lb. | 218 | SZ | — | — | — | — | B |
| **WOOD AND CORK MANUFACTURES, EXCLUDING FURNITURE** | | | | | | | | |
| **63110** Veneer sheets, hardwood and softwood, all types, including utility, commercial, and container veneers. | Sq. ft. | 218 | SZ | 500 | — | — | — | B |
| **63120** Plywood, softwood, interior only..... | Sq. ft. | 218 | SZ | 500 | — | — | — | B |
| **63120** Other plywood and wood panels, including wood-veneer and cellular panels. | Sq. ft. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **63141** Improved wood (densified and/or impregnated with resin or resin-like materials). | Sq. ft. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **63142** Reconstituted wood (particle board)... | Sq. ft. | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report tire flaps in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **63181** Wood paving blocks | ..... | 218 | SZ | 500 | — | — | — | B |
| **63182** Staves, riven or sawn, unfinished (stavewood). | Set [1] | 218 | SZ | 500 | — | — | — | B |
| **63183** Hoopwood, chipwood, wood chips; and poles, piles, posts, pickets, stakes, and similar products which are split, pointed, or both, but not sawn lengthwise. | .....[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **63186** Woodwool (excelsior) and wood flour | ..... | 218 | SZ | 500 | — | — | — | B |
| **63187** Wooden beadings and moldings | ..... | 218 | SZ | 500 | — | — | — | B |
| **63189** Wooden blocks, sticks, and rods suitable for shaping into tool handles, walking sticks, tooth picks, matches, and similar items. | ..... | 218 | SZ | 500 | — | — | — | B |
| **63210** Wooden boxes, cases, crates, drums, and similar packing containers, excluding cooperage products. | .....[3] | 218 | SZ | 500 | — | — | — | B |
| **63220** Cooperage stock and products, excluding unfinished staves. | .....[4] | 218 | SZ | 500 | — | — | — | B |
| **63240** Windmill towers | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **63240** Other prefabricated wooden buildings and structural members, including window units, sashes, doors, and other millwork, n.e.c. | .....[5] | 218 | SZ | 500 | — | — | — | B |
| **63271** Picture and mirror frames of wood | ..... | 218 | SZ | 500 | — | — | — | B |
| **63272** Household utensils of wood | ..... | 218 | SZ | 500 | — | — | — | B |
| **63273** Domestic or decorative articles of wood, n.e.c. | .....[6] | 218 | SZ | 500 | — | — | — | B |
| **63281** Tools, handles, shoe lasts, and shoe trees of wood. | .....[7] | 218 | SZ | 500 | — | — | — | B |
| **63282** Spools, caps, bobbins, and the like of turned wood. | ..... | 218 | SZ | 500 | — | — | — | B |
| **63289** Wood manufactures, *the following only:* bee hives; boat parts, small, machined to shape; bridges; Fibrisin® laminates of melaminephenol formaldehyde resins, sawdust, or ground-wood and paper; hog troughs; patterns; propeller blades; propellers; and trestles. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **63289** Other articles of wood, n.e.c. | .....[8] | 218 | SZ | 500 | — | — | — | B |
| **633** Agglomerated cork, and articles of natural or agglomerated cork. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **PAPER, PAPERBOARD, AND MANUFACTURES THEREOF** | | | | | | | | |
| **64110** Newsprint paper | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64122** Fine paper (under 18 pounds), coated | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] A "set" is sufficient staves for one barrel, hogshead, or cask.

[2] Report pulpwood in chip form in "cord" (1 unit of chips equals 200 cubic feet or 81.6 percent of a cord).

[3] Report box shook in "MBF."

[4] Report barrels, hogsheads, and casks in "number"; and tight headings and tight staves in "sets."

[5] Report doors in "number."

[6] Report caskets in "number."

[7] Report striking tool handles in "dozen."

[8] Report pallets and skids in "number"; and pencil slats in "pencil gross."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **64122** Other fine paper, groundwood paper, and book paper, coated, in rolls or sheets, for printing, writing, drawing, or photographic base. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64130** Condenser tissue; and dielectric papers. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **64130** Kraft paper, in rolls or sheets, uncoated, as follows: abrasive base stock; acidproof; ammunition; antiacid manila; base wad stock; buffing; cable base stock; cable filling, electrical; cartridge stock; coil winding; document manila, file folder; dynamite; electrical insulating; emery, base stock; expanding envelope stock; flat wallet stock; flint backing; frisket; garnet; gasket; graphite; guide stock; insulating, electrical patch base stock; pattern stock, polishing; red foiling (cartridge paper); red patch base stock; sandpaper backing; shell stock; silk wrap stock; tissue; tympan; voice coil stock; wallet stock; and washer stock. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **64130** Other kraft paper and paperboard, in rolls or sheets, uncoated, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64140** Cigarette paper in bulk, rolls, or sheets. [Report cigarette paper cut to size in Export Control Commodity No. 64291.] | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64160** Fiberboards and other building boards of wood pulp or of vegetable fiber, including insulating board. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64180** Capacitor tissue; condenser tissue; and dielectric paper. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **64180** Machine-made paper and paperboard, simply finished, in rolls or sheets, n.e.c., and hand made paper, *the following only:* ammunition; guide stock; antiacid manila stock; armature; beaming; cable base stock; calender roll stock; cartridge stock; coil winding; cone (yarn), designers pattern stock (except tissue); document manila file folder; dynamite; electrical; expanding envelope stock; flat wallet stock; flint backing base stock; frisket; gasket; graphite base stock; gun wadding; insulating electrical; interleaving for film; jute tag stock; patch base stock; polishing base stock; portmanteau; red foiling (cartridge paper); red patch base stock; rope, for sandpaper backing; sandpaper backing; shellstock; shot shell stock; silk wrap stock; slot insulation; steaming; stencil (18 lbs and over); stencil stock for oiling; tabulating—machine card stock; tape, rope stock for electrical insulating; time card stock; tympan; | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| voice coil stock; wad base stock; wallet stock; washer stock; pattern stock; stencil blanks tabulating machine card stock; absorbent paper for matrix; interleaving; tissue paper under 18 pounds, *except sanitary;* ground-wood base stock for carbonizing; fine paper (uncoated for printing, writing); bible; check paper; mimeotype stencil; body stock for carbonizing, free from ground wood; box covering; carbonizing base stock; duplicating tissue; electrical insulating tissue; heat sealable tissue; imitation Japanese, India, lens, matrix tissue; pencil carbon stock; pottery tissue; press copy; rotograme tissue; stencil tissue; stereo type tissue; tea bag; fibrilise; tissue for duplex decalcomania; transfer stamping; and book lining. | | | | | | | | |
| **64180** Other machine-made paper and paperboard, simply finished, in rolls or sheets, n.e.c., and hand-made paper. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64191** Kleerview® (lacquer-coated glassine paper). | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **64191** Other parchment or greaseproof paper or paperboard, in rolls or sheets, including glassine. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64192** Composite paper and paperboard, in rolls or sheets, including container board. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64193** Paper and paperboard, corrugated, creped, crinkled, embossed, or perforated. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64194** Ruled or squared paper and paperboard in rolls or sheets. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64197** Wallpaper | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64199** Asphalt and tar saturated paper, heavy construction type. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **64199** Other processed paper and paperboard in rolls or sheets, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64211** Shipping sacks, multiwall bags, specialty bags, liner bags, grocers', variety, wardrobe, shipping and other bags of paper; paperboard boxes, folding and set-up; corrugated and solid fiber boxes; sanitary food containers; paperboard and other fiber drums; fiber cans, tubes, and other fiber packing containers. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64212** Filing containers of paper or paperboard. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **64220** Envelopes, writing blocks, letter pads, and similar paper stationery, for correspondence, except letter paper. | Lb.[1] | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report unpackaged envelopes in "thousand."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 64230 Manifold business forms, albums, blankbooks, looseleaf binders, and office stationery of paper and paperboard, n.e.c., except correspondence goods. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 64291 Cigarette paper cut to size, in books, blocks, and strips for rolling. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 64292 Carbon and other copying paper cut to size. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 64294 Bobbins, spools, caps, and other devices for winding or reeling, of pulp, paper, or paperboard. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 64298 Pressure sensitive tape wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| 64298 Pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E-3 |
| 64298 Processed paper for dielectric use..... | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 64298 Other paper, paperboard, cellulose wadding, or paper pulp products, n.e.c. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **TEXTILE YARN FABRICS, MADE-UP ARTICLES AND RELATED PRODUCTS** | | | | | | | | |
| 65110 Silk yarn and thread. [Report metallized yarn and yarn spun with metal thread in any proportion in Export Control Commodity No. 65190.] | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65126 Yarn of coarse animal hair..... | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65126 Yarn of wool or of fine animal hair.... | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65130 Cotton yarn, gray (unbleached); and unfinished cotton thread. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65130 Cotton tire cord and tire cord fabric.... | Lb. | 218 | SYZ | 500 | — | — | — | B |
| 65140 Cotton yarn, carded, combed, finished; sewing, crochet, darning, and embroidery cotton thread. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65150 Yarn and thread of true hemp, flax, or ramie. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65162 Monofil wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| 65162 Other non-cellulosic man-made fiber monofil, n.e.c. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| 65166 Filament yarn and thread of filament yarn wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report letter paper (loose sheets or boxed), and cards for statistical machines in "thousand"; and report the following paper products in "pound": table napkins, paper towels, facial tissues and other sanitary paper products; bituminous fiber pipe, conduit, and fittings; office supplies; pressure-sensitive tape and other gummed paper products.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **65166** Other noncellulosic man-made fiber filament yarns and thread; and tire cord and tire cord fabric of noncellulosic man-made fibers. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **65167** Thread of spun yarn wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 50 | 500 | 50 | — | A |
| **65167** Noncellulosic man-made fiber spun yarn; and other thread made of such yarn. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **65172** Rayon or acetate monofil..... | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65176** Thread and yarns of rayon or acetate filament; and tire cord and tire cord fabric of cellulosic man-made fibers. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **65177** Rayon or acetate spun yarn, including singles and plied. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65180** Continuous yarns and rovings suitable for use in filament wound structures, having *all* of the following characteristics: (a) consisting of monofilaments 12 microns (0.00047 inch) or less in diameter, (b) modulus of elasticity greater than 11 times $10^6$ psi, and (c) tensile strength to density ratio (figure of merit) greater than 350,000 psi.[1] | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| **65180** Other continuous yarns and rovings made of glass fibers, having a modulus of elasticity of 10.5 times $10^6$ psi or greater, *or* having a tensile strength to density ratio (figure of merit) of 300,000 psi or greater.[1] | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| **65180** Quartz yarn; and fiber glass mop yarn. | Lb. | 228 | SXYZ | 500 | — | — | 100 | B |
| **65180** Other glass fiber yarn, roving, and strand. | Lb. | 228 | SYZ | 500 | — | — | — | B |
| **65190** Paper yarns ..... | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65190** Other yarns of textile fibers, n.e.c., including yarns of vegetable fibers, n.e.c. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65211** Gauze, tobacco cloth, and cheese cloth, unbleached, wholly or in chief weight cotton. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65212** Terry woven fabrics, unbleached, wholly or in chief weight cotton. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65213** Broadwoven fabrics, unbleached, wholly or in chief weight cotton. | Sq. yd.[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65221** Gauze, tobacco cloth, and cheesecloth, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65222** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd. | 212 | STVWXYZ | — | 500 | — | — | |
| **65222** Other terrywoven fabrics, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Tensile strength to density ratio (figure of merit) is tensile strength times (2.55 divided by specific gravity of the fiber).

[2] Report unbleached broadwoven cotton fabrics other than the following in both "square yard" and "pound": duck and allied fabrics, drills, twills, sateens, sheeting, osnaburgs and allied fabrics, poplin, broadcloth, print cloth yarn fabrics, and tire fabrics.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **65223** Pile and chenille broad woven fabrics and corduroy, bleached, dyed, colored or otherwise finished, wholly or in chief weight cotton. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65229** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd. | 212 | STVWXYZ | — | 500 | — | — | |
| **65229** Other broad woven fabrics, bleached, dyed, colored, or otherwise finished, wholly or in chief weight cotton. | Sq. yd.[1] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65230** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Lb. | 212 | STVWXYZ | — | 500 | — | — | |
| **65230** Other broad woven remnants less than 10 yards in length, and fabrics, n.e.c., wholly or in chief weight cotton. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65301** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd. | 212 | STVWXYZ | — | 500 | — | — | |
| **65301** Broad woven fabrics wholly or in chief weight flax (linen) or jute. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65301** Broad woven fabrics wholly or in chief weight ramie or true hemp. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| **65310** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd. | 212 | STVWXYZ | — | 500 | — | — | |
| **65310** Parachute cloth, wholly or in chief weight silk. | Sq. yd. | 218 | SXYZ | 500 | — | — | 100 | B |
| **65310** Other broadwoven fabrics, wholly or in chief weight silk. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| **65321** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd. | 212 | STVWXYZ | — | 500 | — | — | |
| **65321** Other broad woven fabrics, wholly or in chief weight of wool and/or fine animal hair, excluding pile or chenille. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65322** Pile and chenille broad woven fabrics, wholly or in chief weight of wool and/or fine animal hair. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65351** Broad woven fabrics wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Sq. yd.[2] | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65351** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd.[2] | 212 | STVWXYZ | — | 500 | — | — | |
| **65351** Broad woven fabrics coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Sq. yd.[2] | 222 | STVWXYZ | 500 | 500 | 500 | — | E-3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report bleached, dyed, colored, or otherwise finished broadwoven cotton fabrics other than the following in both "square yard" and "pound": duck and allied fabrics, drills, twills, sateens, sheeting, osnaburgs and allied fabrics, broadcloth, print cloth yarn fabrics, denims, shirtings, chambrays, cheviots, ginghams, poplins, lawns, organdies, batistes, napped fabrics, drapery, upholstery and tapestry fabrics.

[2] Report in both "pound" and "square yard."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **65351** Woven tire fabrics, except tire cord fabric, and fuel-cell fabrics, wholly or in chief weight noncellulosic man-made fibers. | Sq. yd.[1] | 218 | SXYZ | 500 | — | — | 100 | B |
| **65351** Parachute fabric, broad woven, wholly or in chief weight noncellulosic filament yarns and monofilaments. | Sq. yd.[1] | 218 | SWXYZ | 500 | — | — | 100 | B |
| **65351** Other broad woven fabrics, n.e.c., wholly or in chief weight noncellulosic man-made filament yarns and/or monofilaments. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65352** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd.[1] | 212 | STVWXYZ | — | 500 | — | — | |
| **65352** Broad woven fabrics wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Sq. yd.[1] | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65352** Broad woven fabrics coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Sq. yd.[1] | 222 | STVWXYZ | 500 | 500 | 500 | — | E-3 |
| **65352** Parachute fabric, broad woven, wholly or in chief weight noncellulosic spun yarns. | Sq. yd.[1] | 218 | SWXYZ | 500 | — | — | 100 | B |
| **65352** Other broad woven fabrics, n.e.c., wholly or in chief weight noncellulosic man-made fiber spun yarns. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65353** Pile and chenille broad woven fabrics, wholly or in chief weight man-made fibers, n.e.c. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65354** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| **65354** Other remnants and mill ends, less than 10 yards in length, broad woven, wholly or in chief weight noncellulosic man-made fibers, except glass. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65361** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd.[1] | 212 | STVWXYZ | — | 500 | — | — | |
| **65361** Parachute cloth of broad woven fabrics, wholly or in chief weight cellulosic filament yarns. | Sq. yd.[1] | 218 | SWXYZ | 500 | — | — | 100 | B |
| **65361** Woven tire fabrics, except tire cord fabric, and fuel-cell fabrics, wholly or in chief weight rayon and/or acetate. | Sq. yd.[1] | 218 | SXYZ | 500 | — | — | 100 | B |
| **65361** Other broad woven fabrics, n.e.c., wholly or in chief weight cellulosic filament yarns and/or monofilaments. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65362** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd.[1] | 212 | STVWXYZ | — | 500 | — | — | |
| **65362** Parachute cloth of broad woven fabrics, wholly or in chief weight cellulosic spun yarns. | Sq. yd.[1] | 218 | SWXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Report in both "pound" and "square yard."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **65362** Other broad woven fabrics, n.e.c., wholly or in chief weight cellulosic spun yarns. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65363** Pile and chenille broad woven fabrics, wholly or in chief weight rayon and/or acetate. | Sq. yd.[1] | 218 | SZ | 500 | — | — | — | B |
| **65364** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Lb. | 212 | STVWXYZ | — | 500 | — | — | |
| **65364** Other remnants and mill ends, less than 10 yards in length, broad woven, wholly or in chief weight rayon and/or acetate. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65370** Knit or crocheted fabrics, not elastic or rubberized, wholly or in chief weight cotton or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65370** Knit or crocheted fabrics, not elastic or rubberized, wholly or in chief weight of other textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65380** Continuous tapes suitable for use in filament-wound structures, having *all* of the following characteristics: (a) consisting of monofilaments 12 microns (0.00047 inch) or less in diameter, (b) modulus of elasticity greater than 11 times $10^6$ psi, and (c) tensile strength to density ratio (figure of merit) greater than 350,000 psi.[2] | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| **65380** Other continuous tapes suitable for use in filament-wound structures, made of glass fibers having a modulus of elasticity of 10.5 times $10^6$ psi or greater, *or* having a tensile strength to density ratio (figure of merit) of 300,000 psi or greater.[2] | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| **65380** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Sq. yd.[1] | 212 | STVWXYZ | — | 500 | — | — | |
| **65380** Pressure sensitive fiber glass tape..... | Lb. | 228 | SXYZ | 500 | — | — | 100 | B |
| **65380** Other fabrics, wholly or in chief weight glass fibers. | Lb.[3] | 228 | SYZ | 500 | — | — | — | B |
| **65390** Used or reject fabric bearing the design of any version of the flag of the United States of America. | Lb. | 212 | STVWXYZ | — | 500 | — | — | |
| **65390** Other broad woven fabrics, wholly or in chief weight jute or flax. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65390** Other broad woven fabrics, wholly or in chief weight textile fibers, n.e.c., including coarse animal hair and paper. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65401** Narrow woven fabrics wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65401** Nylon webbing ..... | Lb. | 218 | SYZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report in both "pound" and "square yard."

[2] Tensile strength to density ratio (figure of merit) is tensile strength times (2.55 divided by specific gravity of the fiber).

[3] Report broad woven fabrics in both "pound" and "square yard."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | Q | T | V | X | |
| **65401** Narrow woven fabrics, nonelastic, wholly or in chief weight of cotton, jute, flax, or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65401** Other narrow woven fabrics, nonelastic, wholly or in chief weight of textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65402** Woven labels, badges, emblems, and insignia, excluding embroidered, wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65402** Woven labels, badges, emblems, and insignia, excluding embroidered, wholly or in chief weight cotton, jute, flax, or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65402** Woven labels, badges, emblems, and insignia, except embroidered, wholly or in chief weight of other textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65403** Trimmings, wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65403** Hat braid, all fibers; and other trimmings, nonelastic, wholly or in chief weight cotton, flax, wool, or metal. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65403** Other trimmings, nonelastic, wholly or in chief weight textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65406** Embroideries wholly or in chief weight cotton, flax or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65406** Embroideries wholly or in chief weight of other textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65407** Lace machine fabrics, wholly or in chief weight cotton, flax, or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65407** Lace machine fabrics, wholly or in chief weight of other textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65510** All flags of the United States of America, *except new flags having 50 stars;* and used or reject materials bearing the design of any version of the flag of the United States of America. | Lb. | 212 | STVWXYZ | — | 500 | — | — | |
| **65510** Felts and other felt articles wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| **65510** Felts and felt articles coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E-3 |
| **65510** Other coated or impregnated felt fabrics; and felts and felt articles wholly or in chief weight cotton, jute, wool and/or woollike specialty hairs. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65510** Other felts and felt articles, n.e.c..... | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65541** Bonded fabrics and articles wholly or in chief weight cotton or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 65541 Other bonded textile fiber fabrics and articles, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65542 Fabrics wholly or in chief weight vegetable fiber other than flax, coated with gum or amylaceous substances. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| 65542 Other textile fabrics coated with gum or amylaceous substances. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65543 Textile fabrics, n.e.c., coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Sq. yd. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| 65543 Pyroxylin-coated or impregnated fabrics as follows: artificial leather remnants, textile base; book cloth; transparent tracing cloth, not sensitized. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| 65543 Other textile fabrics, n.e.c., coated or impregnated with resin or other plastic materials. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65544 Oilcloth for table, shelf and wall..... | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| 65544 Other textile fabrics, n.e.c., coated or impregnated with oil. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65545 Insulating tape and pressure sensitive tape wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A |
| 65545 Insulating tape and pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| 65545 Silicone rubber insulating tape..... | Lb. | 228 | SWXYZ | 500 | — | — | 100 | B |
| 65545 Other rubber and friction tape; and rubberized textile fabrics, n.e.c., made of or employing synthetic rubber. | Sq. yd.[1] | 228 | SYZ | 500 | — | — | — | B |
| 65545 Other rubberized textile fabrics, n.e.c. | Sq. yd. | 228 | SXYZ | 500 | — | — | 100 | B |
| 65546 Inked ribbon cloth for office machines; asphalt saturated or coated cloth; and pressure sensitive or gummed cloth tape, coated or impregnated, n.e.c. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| 65546 Other textile fabrics, n.e.c., coated or impregnated. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65550 Elastic fabrics and trimmings, woven or braided. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65560 Cordage, cable, rope, and twine, and manufactures thereof, wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| 65560 Cordage, cable, rope, and twine, and manufactures thereof, wholly or in chief weight of hair, silk, paper or manmade fibers, *except nylon twine, rope, or fishing line.* | Lb. | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Report tape in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **65560** Other cordage, cable, rope, and twine, and manufactures thereof, wholly or in chief weight other textile fibers, n.e.c. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65570** Hat bodies, straw, palm leaf, and similar fibers (natural or man-made), fur-felt, and wool felt. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65570** Other hat bodies..... | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65581** Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, dust and mill neps wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| **65581** Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, and dust and mill neps, wholly or chief weight of other man-made textile fibers. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65581** Wadding and articles of wadding (excluding cellulose wadding), n.e.c., textile flock, and dust and mill neps, wholly or chief weight of other textile fibers. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65584** Textile fabrics and articles used in machinery or plant, wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| **65584** Textile fabrics and articles used in machinery or plant, coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| **65584** Textile fabrics and articles coated, covered or laminated with rubber, for use in machinery or plant. | Lb. | 218 | XYZ | 500 | — | — | 100 | B |
| **65584** Textile fabrics and articles used in machinery or plant, and wicks, wholly or chief weight of other synthetic textile fibers, vegetable fibers, hair, or silk.[1] | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65584** Other textile fabrics and articles used in machinery or plant, excluding belting, tubing and hose; and other wicks and gas mantles.[1] [Report textile belting, tubing and hose in Export Control Commodity No. 65590.] | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **65590** Textile tubing and hose lined with or covered with polytetrafluoroethylene or polychlorotrifluoroethylene; and textile belting, tubing, and hose wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Gas and incandescent mantles containing thorium require export authorization from the Atomic Energy Commission. See paragraph 370.5(d).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 65590 Textile tubing and hose lined with or covered with other fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| 65590 Fire hose, wholly or in chief weight of textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65590 Belting, tubing and hose, wholly or in chief weight of other man-made fibers, vegetable fibers, hair or silk. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65590 Other belting, tubing and hose, wholly or in chief weight of other textile fibers. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| 65610 Bags wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| 65610 Bags wholly or in chief weight of cotton, jute, or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65610 Bags wholly or in chief weight of other textile materials. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65620 Sails of canvas; and tarpaulins, tents, awnings, and other made-up canvas goods, wholly or in chief weight cotton. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65620 Tarpaulins, tents, awnings, and other made-up canvas goods, wholly or in chief weight of other textile materials. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65662 Blankets, wholly or in chief weight cotton. [Report electric blankets in Export Control Commodity No. 65663.] | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65663 Blankets, wholly or in chief weight wool, *except electric.* | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65663 Blankets of other textile materials, n.e.c., and electric blankets, any textile materials. | Lb. | 218 | SZ | 500 | — | — | — | B |
| 65691 Linens and other furnishing articles, wholly or in chief weight cotton or wool, excluding knit, bonded, felt, quilted or stuffed articles. | Lb.[1] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 65691 Linens and other furnishing articles, wholly or in chief weight of other textile fabrics, n.e.c., excluding knit, bonded, felt, quilted or stuffed articles. | Lb.[1] | 218 | SZ | 500 | — | — | — | B |
| 65692 All flags of the United States of America, *except new flags having 50 stars.* | Lb. | 212 | STVWXYZ | — | 500 | — | — | |
| 65692 Made-up textile articles, n.e.c., wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–3 |
| 65692 Narrow woven fabrics coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| 65692 Belts, corset laces and shoe laces with fitted ends, rubberized seat cloth covering, | Lb. | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report bedspreads, bedsets, bed sheets, pillowcases, towels, and washcloths in both "pound" and "number."



66-000 O - 67 - 5 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| and gummed cloth guides or reinforcements, all textile materials; and other made-up articles wholly or in chief weight silk, man-made fibers or vegetable fibers, *except cotton or jute, and except coated or impregnated narrow fabrics.* | | | | | | | | |
| **65692** Other made-up textile articles, n.e.c.[1] | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65730** Carpets and rugs, wholly or in chief weight cotton, wool, or jute. | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65730** Carpets and rugs, wholly or in chief weight of other textile fibers. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| **65740** Vinyl asbestos tiles | Sq. yd. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65740** Linoleum and other supported floor coverings with a textile base. | Sq. yd. | 218 | SZ | 500 | — | — | — | B |
| **65770** Tapestries, hand woven or needle-worked, wholly or in chief weight cotton or wool. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65770** Other tapestries, hand-woven or needle-worked, of other textile fibers, n.e.c. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **65780** Mats, matting, screens, and other items, n.e.c., of cotton or jute plaiting materials. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **65780** Mats, matting, screens, and other items, n.e.c., of other vegetable plaiting materials. | ..... | 218 | SZ | 500 | — | — | — | B |
| **NONMETALLIC MINERAL MANUFACTURES, N.E.C.[2]** | | | | | | | | |
| **66110** Lime | Lb. | 268 | SZ | 500 | — | — | — | B |
| **66120** White non-staining hydraulic cement | Bbl. | 248 | SXYZ | 500 | — | — | 100 | B |
| **66120** Other cement, except refractory cement. [Report refractory cement in Export Control Commodity No. 66230.] | Bbl. | 248 | SZ | 500 | — | — | — | B |
| **66130** Building and monumental (dimension) stone, worked. | ..... | 268 | SZ | 500 | — | — | — | B |
| **66181** Asphalt and tar roofing and siding | Sqs.[3] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66181** Other articles of asphalt or of similar materials. | .....[4] | 218 | SZ | 500 | — | — | — | B |
| **66182** Building materials of vegetable substances agglomerated with mineral binding substances. | ..... | 218 | SZ | 500 | — | — | — | B |
| **66183** Asbestos-cement or fiber cement articles. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **66230** High temperature refractory cements or bonding mortars, brick and similar shapes, and other refractory construction materials, | Lb.[5] | 222 | STVWXYZ | 500 | 1,000 | 1,000 | — | E-5 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U. S. Department of State for tow targets. See paragraph 370.5(a).

[2] Refractories for rockets, guided missiles, and jet engines require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[3] A square is 100 square feet.

[4] Report asphalt tile in "square feet."

[5] Report brick and similar shapes *except plastic brick and shapes* in "thousand."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| n.e.c., containing 97 percent or more by weight of magnesium oxide, beryllium oxide, or zirconium oxide, or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify type of brick and similar shapes; specify name of other refractories.) [Report nonconstruction refractory materials in Export Control Commodity No. 66370.] | | | | | | | | |
| 66230 Other refractory cements or bonding mortars, brick and similar shapes, and other refractory construction materials, n.e.c. (Specify type of brick and similar shapes; specify name of other refractories.) [Report nonconstruction refractory materials in Export Control Commodity No. 66370.] | Lb.[1] | 228 | SXYZ | 500 | — | — | 100 | B |
| 66241 Nonrefractory building brick and structural hollow tile. | Lb.[2] | 218 | SZ | 500 | — | — | — | B |
| 66246 Nonrefractory ceramic hollow tubes... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 66246 Other nonrefractory ceramic tiles, pipes, and similar construction materials. | .....[3] | 218 | SZ | 500 | — | — | — | B |
| 66311 Honing stones specially designed for gun barrel honing heads, hand- or power-operated machines. | Lb. | 421 | STVWXYZ | — | 500 | — | — | A |
| 66311 Diamond grinding wheels for power-operated machines, fabricated with polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, or polyparaxylylenes, where the value of the contained polymeric substances is 50 percent or more of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | Carat | 421 | STVWXYZ | — | 500 | — | — | A |
| 66311 Diamond grinding wheels for hand- or pedal-operated machines, fabricated with polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, or polyparaxylylenes, where the value of the contained polymeric substances is 50 percent or more of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | Carat | 221 | STVWXYZ | — | 500 | — | — | A |
| 66311 Diamond grinding wheels for power-operated machines, fabricated with polypyromellitimide where the value of the contained polymeric substances is less than 50 percent of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | Carat | 422 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report brick and similar shapes *except plastic brick and shapes* in "thousand."

[2] Report building brick, other than ceramic glazed building brick and structural hollow tile, in "thousand."

[3] Report floor tile and wall tiles in "square feet."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **66311** Diamond grinding wheels for hand- or pedal-operated machines, fabricated with poly-pyromellitimide where the value of the contained polymeric substances is less than 50 percent of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | Carat | 212 | STVWXYZ | — | 500 | — | — | |
| **66311** Other diamond grinding and polishing wheels for power-operated machines. [Report net quantity in terms of carat weight of embedded diamonds.] | Carat | 428 | SXYZ | 500 | — | — | 100 | B |
| **66311** Other diamond grinding and polishing wheels for hand- or pedal-operated machines. [Report net quantity in terms of carat weight of embedded diamonds.] | Carat | 218 | SXYZ | 500 | — | — | 100 | B |
| **66311** Pulpstone grinding and polishing wheels and stones for power-operated machines. | Lb. | 428 | SZ | 500 | — | — | — | B |
| **66311** Pulpstone grinding and polishing wheels and stones for hand- or pedal-operated machines. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **66311** Other grinding and polishing wheels and stones, n.e.c., for power-operated machines. | Lb. | 428 | SXYZ | 500 | — | — | 100 | B |
| **66311** Other grinding and polishing wheels and stones, n.e.c., for hand- or pedal-operated machines. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **66312** Hand polishing stones and similar stones of natural abrasives. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66312** Hand polishing stones, whetstones, oil-stones, hones and similar stones, of artificial abrasive material. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **66320** Abrasive paper and cloth, coated with manufactured abrasives, for use on power-operated machines, *except dental abrasives.* | Ream | 428 | SXYZ | 500 | — | — | 100 | B |
| **66320** Other abrasive paper and cloth, coated with natural abrasives, *except dental abrasives.* | Ream | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66320** Dental abrasives; and coated abrasives, n.e.c. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **66340** Worked mica, including agglomerated mica splittings, and articles thereof. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **66350** Mineral insulating material, n.e.c..... | ..... | 218 | SZ | 500 | — | — | — | B |
| **66361** Articles of plaster..... | ..... | 218 | SZ | 500 | — | — | — | B |
| **66362** Concrete products; and articles of cement and agglomerated stone. | ..... | 218 | SZ | 500 | — | — | — | B |
| **66363** Artificial graphite products, n.e.c., in block, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size, and boron content in parts per million.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report dental abrasives in "ream."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 66363 Artificial graphite products, n.e.c., whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 or greater, *except non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 60°F. (15.5°C.).* | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A |
| 66363 Other pyrolytic graphite, and products thereof, n.e.c. | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | |
| 66363 Other artificial graphite products, n.e.c., in block, brick, plate, or rod form, smallest dimension 2 inches or over. (Specify by name, size, and boron content in parts per million.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| 66363 Other articles of carbon or graphite. [Report articles of carbon or graphite for electrical purposes in Export Control Commodity No. 72996.] | ..... | 228 | SYZ | 500 | — | — | —<br>—<br>— | B<br>B<br>E-5 |
| 66363 Other non-ceramic articles of mineral substances, n.e.c | ..... | 228 | SZ | 500 | — | — | | |
| 66370 Beryllium oxide ceramic tubes, crucibles, and shapes in semifabricated or fabricated form. | Lb. | 222 | STVWXYZ | — | 500 | — | — | E-5 |
| 66370 Crucibles containing 97 percent or more by weight of magnesium oxide, beryllium oxide, or zirconium oxide; or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify number of crucibles, types of crucibles by type number, capacity of each in pounds, whether heavy or thin wall, and purity rating (percent).) | Lb. | 222 | STVWXYZ | — | 500 | — | | |
| 66370 Crucibles and other refractories of pyrolytic graphite. | Lb. | 222 | STVWXYZ | — | 500 | — | — | |
| 66370 Refractory products other than refractory construction materials, n.e.c., containing 97 percent or more by weight of magnesium oxide, beryllium oxide, or zirconium oxide, or containing zirconium oxide stabilized with lime and/or magnesium oxide. (Specify by name.) | Lb. | 222 | STVWXYZ | — | 500 | — | — | E-5 |
| 66370 Refractory products other than refractory construction materials, n.e.c., containing less than 97 percent by weight of magnesium oxide, beryllium oxide, or zirconium oxide. | Lb. | 228 | SXYZ | 500 | — | — | 100 | B |
| 66370 Crucibles and other refractories made of artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 or greater, *except nonpyrolytic graphite of density between 1.90 and 1.95 when compared to water at 60°F. (15.5°C.).* | Lb. | 221 | STVWXYZ | — | 500 | — | — | A |
| 66370 Other refractories made of non-pyrolytic artificial graphite having an apparent relative density between 1.90 and 1.95 when | Lb. | 222 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| compared to water at 60°F. (15.5°C.), in such forms as will not pass through a two-inch square hole. | | | | | | | | |
| **66370** Artificial graphite products, n.e.c., in block, brick, plate, or rod form, smallest dimension 2 inches or over, having a boron content of one part per million or less. (Specify by name, size and boron content in parts per million.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E–8 |
| **66370** Other carbon or graphite products, n.e.c. | Lb. | 228 | SYZ | 500 | — | — | — | B |
| **66370** Other refractory products other than refractory construction materials.[1] | Lb. | 228 | SXYZ | 500 | — | — | 100 | B |
| **66381** Packing, gaskets, textiles, yarns, and other manufactures of asbestos, other than friction materials, n.e.c. | .....[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66382** Asbestos clutch facings, including linings; and asbestos brake linings. | No.[3] | 218 | SXYZ | 500 | — | — | 100 | B |
| **66382** Friction materials of cellulose or of minerals other than asbestos. | ..... | 218 | SYZ | 500 | — | — | — | B |
| **66391** Ceramic forms of rubber dipped goods; and ceramic glove forms. | ..... | 218 | SZ | 500 | — | — | — | B |
| **66391** Other laboratory and industrial ceramic wares, not refractory. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66392** Other articles of ceramic materials, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **66401** Sheet (window) glass, plate glass, float glass, and cast or rolled glass, in rectangles, unworked or surface ground or polished, but not further worked, excluding safety glass. | Sq. ft. | 218 | SZ | 500 | — | — | — | B |
| **66413** Glass pellets; and glass graining marbles. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **66413** Other glass, unworked, in balls, rods, or tubes. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **66414** Glass in the mass, waste glass, including enamel glass. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **66420** Ophthalmic glass and ophthalmic lens blanks not optically worked. | Lb. | 628 | SZ | 500 | — | — | — | B |
| **66420** Lens blanks of monocrystalline silicon or of silicon with a purity of 99.99 percent or more. | Lb. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |
| **66420** Lens blanks containing 99.9 percent up to but not including 99.99 percent silicon. | Lb. | 612 | STVWXYZ | 50 | 500 | 50 | — | |
| **66420** Optical glass and lens blanks, not optically worked, specially fabricated for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. | Lb. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Refractories for use in rockets, guided missiles, and jet engines require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[2] Report gaskets, packing, textiles, and yarns in "pound."

[3] Report brake linings in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| (Specify by name and type.) [Report optically worked glass in Export Control Commodity Nos. 86111 and 86112.][1] | | | | | | | | |
| 66420 Other optical glass and elements thereof, not optically worked. | Lb. | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| 66460 Construction materials of pressed or molded glass. | ..... | 218 | SZ | 500 | — | — | — | B |
| 66470 Bulletproof windshields over ¾ inch thick, specially designed for aircraft.[2] | Sq. ft. | 432 | STVWXYZ | 500 | 500 | 500 | — | E-2 |
| 66470 Other laminated glass or toughened safety glass for aircraft. | Sq. ft. | 438 | SXYZ | 500 | — | — | 100 | B |
| 66470 Safety glass, *except laminated*..... | Sq. ft. | 218 | SZ | 500 | — | — | — | B |
| 66470 Other laminated glass or toughened safety glass. | Sq. ft. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 66480 Mirrors for automotive vehicles..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 66480 Other glass mirrors..... | ..... | 218 | SZ | 500 | — | — | — | B |
| 66491 Sheet, plate, float and multiple-walled insulated and other glass, cut (other than into rectangles), bent or otherwise worked. | Sq. ft. | 218 | SZ | 500 | — | — | — | B |
| 66492 Electron tube blanks..... | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 66492 Other glass envelopes, n.e.c..... | No.[3] | 218 | SYZ | 500 | — | — | — | B |
| 66493 Clock and watch glass and similar glasses with primary function of protection. | ..... | 218 | SZ | 500 | — | — | — | B |
| 66494 Glass fiber optic plates specially designed optically for image intensifier or image converter tubes. | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 66494 Articles of glass fiber, as follows: (a) pipe and tubing, lined with or covered with fluorocarbon polymers or copolymers, or (b) articles containing more than 20 percent by weight of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | ..... | 222 | STVWXYZ | 25 | 500 | 25 | — | |
| 66494 Glass fiber tackle boxes..... | ..... | 218 | SZ | 500 | — | — | — | B |
| 66494 Other articles of glass fiber, n.e.c. [Report glass fiber yarn, roving, and strand in Export Control Commodity No. 65180, and tape in No. 65380.] | ..... | 228 | SZ *and* East Germany | 500 | — | — | — | B |
| 66511 Glass containers, including stoppers and closures of glass. | Gross | 218 | SZ | 500 | — | — | — | B |
| 66512 Glass inners for vacuum vessels..... | No. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 66520 Glass table ware and other articles of glass for household, hotel, and restaurant use. | .....[4] | 218 | SZ | 500 | — | — | — | B |
| 66581 Laboratory, hygienic, or pharmaceutical glassware. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Windshields having a thickness exceeding ¾ of an inch and specially fabricated for types of aircraft licensed by the U. S. Department of State require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[3] Report glass envelopes for electric light bulbs in "thousand."

[4] Report machine-made glass tableware, kitchenware, and cookingware in "dozen."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **66585** Articles of glass, n.e.c., *the following only:* floaters, glass valves, and balletini reflective material. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66585** Other articles of glass, n.e.c..... | ..... | 218 | SZ | 500 | — | — | — | B |
| **66640** Porcelain or china household ware, including hotel or restaurant type. | Doz. | 218 | SZ | 500 | — | — | — | B |
| **66650** Household ware of other ceramic materials, including hotel or restaurant type. | Doz. | 218 | SZ | 500 | — | — | — | B |
| **66660** Ornaments and furnishing goods of porcelain, china, or ceramic materials. | ..... | 218 | SZ | 500 | — | — | — | B |
| **66700** Materials suitable for application in electromagnetic devices making use of the gyromatic resonance phenomenon. (Specify by name.) | Lb. | 221 | STVWXYZ | — | 500 | 500 | — | A E-13 |
| **66700** Quartz crystals, natural and synthetic, unworked or worked, not mounted, radio grade only. [Report optical quality in Export Control Commodity No. 86111, and mounted in No. 72998.] | Lb. | 612 | STVWXYZ | 500 | 500 | 500 | — | |
| **66700** Other quartz crystals, natural and synthetic, unworked or worked, not mounted. | Lb. | 618 | SXYZ | 500 | — | — | 100 | B |
| **66700** Lithium-containing minerals (for example, spodumene). | ..... | 261 | STVWXYZ | 25 | 500 | 25 | — | A E-8 |
| **66700** Monocrystals of garnets, synthetic only. (Specify by name.) | ..... | 211 | STVWXYZ | 500 | 500 | 500 | — | A E-13 |
| **66700** Synthetic diamonds (including bort other than dust or powder), suitable only for industrial use. [Report synthetic diamond dust or powder in Export Control Commodity No. 27521.] | ..... | 218 | SWXYZ | 500 | — | — | 100 | B |
| **66700** Diamonds, rubies and sapphires, natural and synthetic, suitable for gem stones. [Report industrial diamonds, natural, in Export Control Commodity No. 27515; and report stones, mounted or unmounted, worked so as to be recognizable as parts of meters, measuring instruments, clocks, watches, etc., in the appropriate classification provided for parts of the specific item.] | .....[1] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **66700** Other precious and semiprecious stones and pearls, natural, synthetic or reconstructed, unworked or worked, not yet strung, n.e.c. [Report imitation stones and pearls of glass in Export Control Commodity No. 66585.] | ..... | 218 | SZ | 500 | — | — | — | B |
| **IRON AND STEEL** | | | | | | | | |
| **67120** Pig iron, including cast iron..... | S. ton | 268 | SZ | — | — | — | — | B |
| **67131** Shot, angular grit and wire pellets, of iron or steel. | Lb. | 268 | SYZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report natural diamonds in "carat."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 67134 Carbonyl iron powder; and sponge iron or steel. | Lb. | 268 | SYZ | — | — | — | — | B |
| 67134 Other iron or steel powders..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67140 Ferromanganese ..... | S. ton | 268 | SZ | — | — | — | — | B |
| 67160 Ferromolybdenum; ferroboron; ferrocolumbium; ferrotantalum; and ferrocolumbium-tantalum. (Specify alloy content.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-7 |
| 67160 Ferrozirconium, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify hafnium content.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-7 |
| 67160 Other ferrozirconium, containing more than 50 percent zirconium. (Specify hafnium content.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-7 |
| 67160 Ferrocobalt. [Report cobalt melting base materials in Export Control Commodity No. 66429.] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67160 Ferrovanadium ..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67160 Ferrotitanium; ferrocarbon-titanium; and ferrotungsten. | Lb. | 268 | SYZ | — | — | — | — | B |
| 67160 Other ferroalloys, including spiegeleisen. [Report ferrocerium and other pyrophoric ferrous alloys in Export Control Commodity No. 59993.] | Lb.[1] | 268 | SZ | — | — | — | — | B |
| 67210 Puddled bars and pilings, blocks, lumps, and other primary forms of iron or steel, n.e.c. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67243 Blooms, billets, ingots, slabs, sheet bars, and roughly forged pieces, alloy steel, special types Class 1A.[2, 3] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-7 |
| 67243 Blooms, billets, ingots, slabs, sheet bars, and roughly forged pieces, alloy steel, special types Class 1B.[2, 3] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-7 |
| 67243 Other blooms, billets, ingots, slabs, sheet bars, and roughly forged pieces, alloy steel, as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-7 |
| 67243 Other alloy steel billets, projectile and shell steel. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67243 Other blooms, billets, ingots, slabs, sheet bars, and roughly forged pieces, alloy steel, special types Class 2.[2, 3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67243 Other blooms, billets, ingots, slabs, sheet bars, and roughly forged pieces, alloy steel. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67244 Blooms, billets, slabs, and sheet bars, projectile and shell steel. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67244 Carbon steel ingots..... | Lb. | 268 | SZ | — | — | — | — | B |
| 67244 Other carbon steel blooms, billets, slabs, sheet bars, and roughly forged pieces. | Lb. | 268 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report ferrosilicon and ferrochrome in "short ton."

[2] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[3] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **67273** Coils for rerolling, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67273** Coils for rerolling, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67273** Other alloy steel coils for rerolling.... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67274** Carbon steel coils for rerolling..... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67290** Blanks for tubes and pipes, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **67290** Blanks for tubes and pipes, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–7 |
| **67290** Other nickel-bearing stainless steel blanks for tubes and pipes, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–7 |
| **67290** Blanks for tubes and pipes, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67290** Other blanks for tubes and pipes of iron or steel. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67313** Wire rods, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67313** Wire rods, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67313** Wire rods, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67313** Other wire rods, as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67313** Other alloy steel wire rods..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67314** Wire rods, carbon steel..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67323** Bars and rods, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67323** Bars and rods, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–3 |
| **67323** Bars and rods, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67323** Alloy steel bars and rods, containing 6 percent or more cobalt.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67323** Alloy steel bars and rods, projectile and shell steel, hot rolled. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67323** Nickel-bearing steel bars and rods, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67323** Other alloy steel bars and rods..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67324** Bars and rods, projectile and shell steel, hot rolled carbon steel. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67324** Other carbon steel bars and rods; and concrete reinforcing bars. | Lb. | 268 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 67343 Angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| 67343 Angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| 67343 Angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67343 Other nickel-bearing steel angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67343 Other angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more, alloy steel. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67344 Carbon steel angles, shapes and sections having a maximum cross sectional dimension of 3 inches or more; and carbon steel sheet piling. | Lb. | 268 | SZ | — | — | — | — | B |
| 67353 Angles, shapes and sections having a maximum cross sectional dimension of less than 3 inches, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| 67353 Angles, shapes and sections having a maximum cross sectional dimension of less than 3 inches, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| 67353 Angles, shapes and sections having a maximum cross sectional dimension of less than 3 inches, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67353 Other alloy steel angles, shapes, and sections having a maximum cross sectional dimension of less than 3 inches, containing 6 percent or more cobalt.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67353 Nickel-bearing steel angles, shapes and sections having a maximum cross sectional dimension of less than 3 inches, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67353 Angles, shapes and sections, projectile and shell steel, alloy steel. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67353 Other angles, shapes, and sections having a maximum cross sectional dimension of less than 3 inches, alloy steel. | Lb. | 268 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.
[2] For definitions of "special types" of alloy steel see § 399.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **67354** Angles, shapes, and sections, projectile and shell steel, carbon steel, having a maximum cross sectional dimension of less than 3 inches. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67354** Other carbon steel angles, shapes, and sections, having a maximum cross sectional dimension of 3 inches or less. | Lb. | 268 | SZ | — | — | — | — | B |
| **67443** Electrical (silicon) steel sheet, grain oriented, with a thickness of 0.004 inch (0.1 mm.) or less, regardless of core loss characteristics. (Specify thickness in decimal parts of an inch or in millimeters.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67443** Plates and sheets, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67443** Plates and sheets, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67443** Alloy steel plates and sheets, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E–8 |
| **67443** Other alloy steel plates and sheets.[3] . . | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67444** Carbon steel plates and sheets suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E–8 |
| **67444** Skelp, carbon steel or wrought iron. . . . | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67444** Other iron or steel plates and sheets, including black plate.[3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67470** Tin mill products. [Report terneplate in Export Control Commodity No. 67480.] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67480** Steel plates and sheets suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E–8 |
| **67480** Plates and sheets, coated, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67480** Plates and sheets, coated, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67480** Other steel plates and sheets, coated.[3] . . | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67503** Alloy steel, electrical (silicon) strip, grain oriented, with a thickness of 0.004 inch (0.1 mm.) or less, regardless of core loss characteristics. (Specify thickness in decimal parts of an inch or in millimeters.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

[3] Armor plate requires export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 67503 Hoop and strip, including skelp, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67503 Hoop and strip, including skelp, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 67503 Alloy steel hoop and strip, including skelp, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E-8 |
| 67503 Thermo bimetal, thermometal, and thermostatic metal, chief value steel. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E-8 |
| 67503 Alloy steel skelp, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67503 Nickel-bearing stainless steel hoop, strip, and skelp, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67503 Other alloy steel skelp..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67503 Other alloy steel hoop and strip..... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67504 Iron based magnetic materials. (Specify thickness in decimal parts of an inch or in millimeters.) (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67504 Carbon steel hoop and strip, gilding metal clad. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67504 Carbon steel hoop and strip, including skelp, suitable for making pipe having the following specifications: of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E-8 |
| 67504 Other carbon steel skelp..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67504 Pure iron (Svea) strip..... | Lb. | 268 | SZ | — | — | — | — | B |
| 67504 Other carbon steel hoop and strip..... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67610 Standard tee rails, new..... | Lb. | 268 | SYZ | — | — | — | — | B |
| 67610 Other iron or steel rails..... | Lb. | 268 | SZ | — | — | — | — | B |
| 67620 Rail joints, rail tie plates, and other sleeper and railway track material of iron or steel. | Lb. | 268 | SZ | — | — | — | — | B |
| 67703 Wire, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67703 Wire, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 67703 Wire, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67703 Alloy steel wire, glass to metal sealing alloy, containing 6 percent or more cobalt.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 393.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **67703** Nickel-bearing steel wire, as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **67703** Other alloy steel wire, coated or uncoated. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67704** Carbon steel wire, bare or coated, including galvanized. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **67810** Cast iron pipe lined with or covered with polytetrafluoroethylene or polychlorotrifluoroethylene. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A |
| **67810** Cast iron pipe lined with or covered with other fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67810** Other cast iron pressure pipe..... | Lb. | 268 | SZ | — | — | — | — | B |
| **67810** Other cast iron soil pipe..... | Lb. | 268 | SYZ | — | — | — | — | B |
| **67850** Pressure tube and pipe fittings having a tube or pipe size connection of 8 inches or more inside diameter, for tube or pipe having a wall thickness of 8 percent or more of the inside diameter *and* made of (a) stainless steel, or (b) other alloy steel containing 10 percent or more nickel and/or chromium. | Lb. | 262 | STVWXYZ | — | 500 | — | — | |
| **67850** Other forged steel pipe fittings having a pipe size connection greater than 19 inches o.d. *and* designed for a working pressure of over 300 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | E–8 |
| **67850** Cast iron tube and pipe fittings..... | Lb. | 268 | SYZ | — | — | — | — | B |
| **67850** Other iron or steel tube and pipe fittings. | Lb. | 268 | SZ | — | — | — | — | B |
| **67860** Seamless pressure tube and pipe of 8 inches or more inside diameter, having a wall thickness of 8 percent or more of the inside diameter *and* made of (a) stainless steel, or (b) other alloy steel containing 10 percent or more nickel and/or chromium. | Lb. | 262 | STVWXYZ | — | 500 | — | — | |
| **67860** Pipes and tubes lined with or covered with polytetrafluoroethylene or polychlorotrifluoroethylene. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **67860** Pipes and tubes lined with or covered with other fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **67860** Pipes and tubes, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A. E–8 |
| **67860** Pipes and tubes, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of card alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 67860 Other nickel-bearing stainless steel pipes and tubes as follows: (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 67860 Line pipe, carbon or alloy steel, seamless or welded, of a size greater than 19 inches o.d. *and* having a yield strength greater than 40,000 psi as determined by API (American Petroleum Institute) test. | Lb. | 262 | SVWXYZ | — | — | 100 | — | |
| 67860 Other line pipe, carbon or alloy steel, seamless or welded. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67860 Pipes and tubes, alloy steel, special types Class 2.[1, 2] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67860 Penstock for conducting water (sections fabricated from rolled steel plate); culverts, carbon steel, corrugated or plain, with or without accessories; standard pipe, steel or wrought iron, black or galvanized, seamless or welded; mechanical tubing, carbon steel; and pressure tubes and tubing, carbon steel, seamless or welded. | Lb. | 268 | SZ | — | — | — | — | B |
| 67860 Electrical conduits, all steel grades.... | Lb. | 268 | SZ | — | — | — | — | B |
| 67860 Other steel pipes and tubes..... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 67910 Grey iron or malleable iron castings in the rough state.[3] | Lb. | 268 | SZ | — | — | — | — | B |
| 67920 Carbon steel castings in the rough state.[3] | Lb. | 268 | SZ | — | — | — | — | B |
| 67920 Castings, alloy steel, special types Class 1A, *except grinding balls.*[1, 2, 3] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67920 Castings, alloy steel, special types Class 1B, *except grinding balls.*[1, 2, 3] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 67920 Nickel-bearing stainless steel castings as follows, *except grinding balls:* (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1, 3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67920 Castings, alloy steel, special types Class 2.[1, 2, 3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67920 Other alloy steel castings in the rough state.[3] | Lb. | 268 | SYZ | — | — | — | — | B |
| 67930 Carbon steel forgings in the rough state.[3] | Lb. | 268 | SZ | — | — | — | — | B |
| 67930 Forgings alloy steel, special types Class 1A, *except grinding balls.*[1, 2, 3] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 67930 Forgings, alloy steel, special types Class 1B, *except grinding balls.*[1, 2, 3] | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 67930 Nickel-bearing stainless steel forgings as follows, *except grinding balls:* (a) AISI type 309-S-Cb-Ta, or (b) containing a total of 35 percent or more of alloying elements.[1, 3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| 67930 Forgings, alloy steel, special types Class 2.[1, 2, 3] | Lb. | 268 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognised designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

[3] Castings and forgings of any article enumerated in paragraph 370.5(a) require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **67930** Other alloy steel forgings in the rough state.[1] | Lb. | 268 | SYZ | — | — | — | — | B |
| **NONFERROUS METALS** [2] | | | | | | | | |
| **68050** Silver ore and base bullion..... | Cnt. troy oz. | 268 | SYZ | — | — | — | — | B |
| **68060** Silver bullion, refined..... | Cnt. troy oz. | 268 | SYZ | — | — | — | — | B |
| **68070** Silver coin, United States..... | ..... | 268 | SYZ | — | — | — | — | B |
| **68080** Silver coin, foreign monetary..... | ..... | 268 | SYZ | — | — | — | — | B |
| **68111** Silver-copper, brazing alloy..... | T. oz. | 268 | SWXYZ | — | — | — | 100 | B |
| **68111** Silver, leaf ..... | T. oz. | 268 | SZ *and* East Germany | — | — | — | — | B |
| **68111** Other silver or silver alloy, unwrought or partly worked, not rolled. | T. oz. | 268 | SYZ | — | — | — | — | B |
| **68112** Rolled silver, unworked or partly worked. | T. oz. | 268 | SYZ | — | — | — | — | B |
| **68120** Platinum based magnetic materials. (See § 399.2, Interpretation 6.) | T. oz. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| **68120** Other platinum and other metals of platinum group, unworked or partly worked, n.e.c. | T. oz. | 268 | SYZ | — | — | — | — | B |
| **68211** Blister copper and other unrefined copper. (Also specify copper content in pounds.) (See § 373.20(a).) | Lb. | 272 | STVWXYZ | — | — | — | — | FG |
| **68212** Refined copper, including remelted, in cathodes, billets, ingots, *except copper-base alloy ingots*, wire bars, and other crude forms. (Also specify copper content in pounds.) (See § 373.43(b).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68212** Copper-base alloy ingots. (Also specify copper content in pounds.) (See § 373.43(c).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68213** Master alloys of copper. (Specify percentage of each alloying element, or the recognized standard and commercial brand or trade name.) (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68221** Bars, rods, angles, shapes, sections, and wire of copper or copper-base alloy. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68222** Plates, sheets, and strips (including perforated) of copper or copper-base alloy. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68223** Copper foil. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68223** Paper-backed copper foil. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Castings and forgings of any article enumerated in paragraph 370.5(a) require export authorization from the U. S. Department of State.

[2] See paragraph 370.5(b) for gold which requires export authorization from the U. S. Treasury Department.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68224** Copper or copper alloy powders and flakes. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68225** Pressure tube and pipe, copper-nickel alloy, of 8 inches or more inside diameter and having a wall thickness of 8 percent or more of the inside diameter. | Lb. | 272 | STVWXYZ | — | 100 | — | — | FG |
| **68225** Other tubes, pipes, and blanks therefor, and hollow bars of copper or copper-base alloy. (Also specify copper content in pounds.) (See § 373.43 (d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | FG |
| **68226** Pressure tube fittings and pipe fittings, copper-nickel alloy, having a tube or pipe size connection of 8 inches or more inside diameter, for tube or pipe having a wall thickness of 8 percent or more of the inside diameter. | Lb. | 272 | STVWXYZ | — | 100 | — | — | |
| **68226** Other tube fittings and pipe fittings of copper or copper-base alloy. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | |
| **68310** Nickel based magnetic materials, unwrought. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68310** Nickel silicon shot ("F" shot); and nickel alloys, unwrought, containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **68310** Unwrought alloys composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | |
| **68310** Other nickel or nickel alloys, unwrought. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68321** Bars, rods, angles, shapes, sections, and wire of nickel based magnetic materials. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68321** Bars, rods, angles, shapes, and sections of porous nickel having a purity of 99 percent or more. | Lb. | 262 | STVWXYZ | — | — | — | — | FG |
| **68321** Bars, rods, angles, shapes, sections, and wire of nickel alloy containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **68321** Bars, rods, angles, shapes, sections, and wire of alloys composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | |
| **68321** Other bars, rods, angles, shapes, sections, and wire of nickel or nickel alloy. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.



66-000 O - 67 - 6 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68322** Plates, sheets, strips, powders, flakes, and foil of nickel based magnetic materials. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68322** Bi-metallic strip for thermostats; and plates, sheets, and strips of nickel alloy containing 32 percent or more nickel, *except nickel-copper alloys containing not more than 6 percent of other alloy elements, and nickel-chrome electric resistance materials.* (Specify by name with complete metal analysis.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **68322** Nickel powders with a particle size less than 200 microns. (Specify by name.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **68322** Nickel powders with a particle size of 200 microns or over; and other nickel powder and flakes containing 32 percent or more nickel, *except nickel-copper alloy powders and flakes containing not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) | Lb. | 262 | STVWXYZ | — | 500 | 500 | — | E–7 |
| **68322** Plates, sheets, strips and foil of porous nickel having a purity of 99 percent or more. | Lb. | 262 | STVWXYZ | — | — | — | — | FG |
| **68322** Nickel alloy foil (less than .006 of an inch in thickness) containing 32 percent or more nickel, *except nickel-copper alloy foil containing not more than 6 percent of other alloying elements.* (Specify complete metal analysis.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **68322** Plates, sheets, strips, powders, flakes, and foil of alloys composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | |
| **68322** Paper–backed nickel foil..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68322** Other nickel or nickel alloy plates, sheets, strips, powders, flakes, and foil. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68323** Tubes, pipes, blanks, fittings therefor, and hollow bars, of nickel based magnetic materials. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68323** Tubes, pipes, blanks, and fittings therefor, and hollow bars of porous nickel having a purity of 99 percent or more. | Lb. | 262 | STVWXYZ | — | — | — | — | FG |
| **68323** Pressure tube and pipe fittings containing 32 percent or more nickel, having a tube or pipe size connection of 8 inches or more inside diameter, for tube or pipe having a wall thickness of 8 percent or more of the inside diameter. | Lb. | 262 | STVWXYZ | — | 500 | — | — | |
| **68323** Other tubes, pipes, blanks, and hollow bars, of nickel containing 32 percent or more nickel, *except nickel-copper alloys containing* | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *not more than 6 percent of other alloying elements.* (Specify by name with complete metal analysis.) | | | | | | | | |
| **68323** Tubes, pipes, blanks, and fittings therefor, and hollow bars, of alloys composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. | Lb. | 272 | STVWXYZ | — | 100 | 100 | — | |
| **68323** Other tubes, pipes, blanks, and hollow bars of nickel or nickel alloy. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68323** Other tube fittings and pipe fittings of nickel or nickel alloy. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68324** Nickel or nickel alloy electroplating anodes. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68401** Aluminum alloy ingots and other unwrought forms, and wire, bars, rods, angles, shapes, and sections having (a) an average copper content of 1 percent or more irrespective of other elements, or (b) an average copper content of less than 1 percent *and* (i) a zinc content of 4 percent or more, (ii) a silicon content of 3.5 percent or more, or (iii) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68401** Other aluminum or aluminum alloy bars, rods, angles, shapes, and sections. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68401** Other aluminum alloy ingots and other unwrought forms, and bare wire. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68422** Aluminum alloy plates and sheets having (a) an average copper content of 1 percent or more irrespective of other elements, (b) an average copper content of less than 1 percent *and* (i) a zinc content of 4 percent or more, (ii) a silicon content of 3.5 percent or more, or (iii) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68422** Other aluminum or aluminum alloy plates and sheets. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68423** Aluminum or aluminum alloy foil and leaf (less than 0.006 inch in thickness). | Lb. | 268 | SZ | — | — | — | — | B |
| **68424** Aluminum or aluminum alloy powder and flakes. | Cnt. lb. | 268 | SYZ | — | — | — | — | B |
| **68425** Aluminum or aluminum alloy electrical conduit. | Lb. | 268 | SZ | — | — | — | — | B |
| **68425** Aluminum or aluminum alloy welded irrigation tubing, cut to length and not further fabricated. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68425** Other aluminum or aluminum alloy tubes, pipes, and tube blooms having (a) an average copper content of 1 percent or more irrespective of other elements, (b) an average copper content of less than 1 percent *and* (i) a zinc content of 4 percent or more, (ii) a silicon content of 3.5 percent or more, or (iii) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68425** Other aluminum or aluminum alloy tubes, pipes, and tube blooms. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68426** Aluminum or aluminum alloy tube and pipe fittings. | Lb. | 268 | SZ | — | — | — | — | B |
| **68510** Lead or lead alloys, unwrought..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68520** Lead or lead alloy powder, bricks, and burning bars. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68520** Other lead or lead alloys, wrought.... | Lb. | 268 | SZ | — | — | — | — | B |
| **68610** Zinc or zinc alloys, unwrought..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68620** Zinc or zinc alloys in wrought forms. [Report zinc dust or blue powder in Export Control Commodity No. 28410.] | Lb. | 268 | SZ | — | — | — | — | B |
| **68710** Tin shot ..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68710** Other tin or tin alloys, unwrought..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68720** Britannia metal, wrought ..... | Lb. | 268 | SYZ | — | — | — | — | B |
| **68720** Other tin or tin alloys, wrought..... | Lb. | 268 | SZ | — | — | — | — | B |
| **68931** Magnesium base alloys, unwrought, containing 0.4 percent or more zirconium, 1 percent or more rare earth metals (cerium misch metal), or 10 percent or more lithium. [Report scrap in Export Control Commodity No. 28405.] [1] (See § 399.2, Interpretations 10 and 12.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-7 |
| **68931** Other magnesium or magnesium alloys, unwrought. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68932** Magnesium base alloys, wrought, containing 0.4 percent or more zirconium, 1 percent or more rare earth metals (cerium misch metal), or 10 percent or more lithium. (Specify by name.) [1] | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| **68932** Other magnesium or magnesium alloys, wrought. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68933** Beryllium metal or beryllium alloys containing more than 50 percent beryllium, unwrought, and waste and scrap. (See § 399.2, Interpretations 10 and 12.) | Lb. | 261 | STVWXYZ | — | 500 | 500 | — | A |
| **68933** Beryllium metal powders and beryllium alloy metal powders containing more than 50 percent beryllium by weight. | Lb. | 261 | STVWXYZ | — | 500 | 500 | — | A E-7 |
| **68933** Beryllium foil (less than .006 of an inch in thickness). | Lb. | 261 | STVWXYZ | — | 500 | 500 | — | A E-8 |
| **68933** Other beryllium metal and alloys containing more than 50 percent beryllium, wrought. (See § 399.2, Interpretation 12.) | Lb. | 261 | STVWXYZ | — | 500 | 500 | — | A E-8 |
| **68933** Other beryllium or beryllium alloys, wrought or unwrought, and waste and scrap. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68941** Tungsten metal and tungsten based alloys, unwrought and wrought, *except (a) tungsten carbide, (b) tungsten powder, (c) pressed-sintered forms weighing less than 20 pounds, (d) pressed-sintered sheets less than 12 inches in width, (e) wire made from pressed-sintered tungsten, and (f) metal scrap.* | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(d) for material which requires export authorization from the United States Atomic Energy Commission.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68941** Tungsten wire made from pressed-sintered tungsten. | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |
| **68941** Tungsten powder. [Report tungsten carbide powder in Export Control Commodity No. 51470.] | Lb. | 268 | SYZ | — | — | — | — | B |
| **68941** Other tungsten or tungsten alloys, wrought. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68941** Other tungsten or tungsten alloys, unwrought, and waste and scrap. | Lb. | 268 | SYZ | — | — | — | — | B |
| **68942** Molybdenum or molybdenum alloys, unwrought. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **68942** Molybdenum or molybdenum alloy waste and scrap. | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–7 |
| **68942** Molybdenum and molybdenum alloy wire, bare, *except cleaned wire of a diameter not exceeding 500 microns and which, after having been fully annealed, has an elongation factor not exceeding 5 percent for diameters up to 200 microns and not exceeding 10 percent for diameters from 200 to 500 microns.* | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68942** Other molybdenum or molybdenum alloy wire. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68942** Molybdenum or molybdenum alloy metal powders. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **68942** Other molybdenum or molybdenum alloy, wrought, including foil. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68943** Tantalum or tantalum alloy, unwrought, and waste and scrap. (See § 399.2 Interpretations 10 and 12.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A |
| **68943** Tantalum or tantalum alloy metal powders. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–7 |
| **68943** Other tantalum or tantalum alloys, wrought. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68950** Dendritic forms of any semiconductor material, or combinations thereof, suitable for use in diodes or transistors. (See § 399.2, Interpretation 23.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E–8 |
| **68950** Antimony or antimony alloys, wrought or unwrought, and waste and scrap. | Lb. | 268 | SZ | — | — | — | — | B |
| **68950** Bismuth or bismuth alloys, wrought or unwrought, *except bullion*, and waste and scrap. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68950** Chromium or chromium alloys, wrought or unwrought, and waste and scrap. | Lb. | 268 | SZ | — | — | — | — | B |
| **68950** Colbalt based magnetic materials, wrought or unwrought. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E–8 |
| **68950** Other cobalt or cobalt alloy, wrought or unwrought, and waste and scrap. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68950** Columbium or columbium alloys, unwrought, and waste and scrap. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A |
| **68950** Columbium metal powders..... | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-7 |
| **68950** Other columbium or columbium alloys, wrought. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| **68950** Gallium metal powders; and gallium metal, alloys, and amalgams, *except electronic grades containing less than 1 percent gallium.* | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| **68950** Germanium metal having a resistivity of 50 ohms centimeter or greater. | Lb. | 242 | STVWXYZ | — | 500 | — | — | E-7 |
| **68950** Other germanium metal and alloys..... | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68950** Hafnium metal and alloys containing more than 15 percent hafnium by weight. (Specify hafnium content.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |
| **68950** Lithium alloys containing 50 percent or more lithium. | Lb. | 261 | STVWXYZ | — | — | 500 | — | A E-7 |
| **68950** Manganese or manganese alloys, wrought or unwrought, and waste and scrap, *except electrolytic manganese metal.* | Lb. | 268 | SZ | — | — | — | — | B |
| **68950** Monocrystalline indium in any form, *except electronic grades containing less than 1 percent of indium.* | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E-7 |
| **68950** Rhenium metal and rhenium metal alloys, wrought or unwrought. | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| **68950** Polycrystalline silicon of a purity of 99.99 percent or more; and monocrystalline silicon. | Lb. | 241 | STVWXYZ | — | 500 | — | — | A E-7 |
| **68950** Polycrystalline silicon of a purity of 99.9 percent up to but not including 99.99 percent. | Lb. | 242 | STVWXYZ | — | 500 | 500 | — | E-7 |
| **68950** Thermo bimetal, thermometal, and thermostatic metal, n.e.c. | Lb. | 268 | SWXYZ | — | — | — | 100 | B |
| **68950** Titanium or titanium alloys, unwrought, n.e.c., and waste and scrap. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A |
| **68950** Titanium or titanium alloy metal powders. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-7 |
| **68950** Titanium or titanium alloy intermediate mill shapes, and wrought, n.e.c. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| **68950** Vanadium based magnetic materials, wrought or unwrought. (See § 399.2, Interpretation 6.) | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| **68950** Other vanadium metal and vanadium alloys, wrought or unwrought. | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| **68950** Zirconium metal and alloys, unwrought, and waste and scrap, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (See § 399.2, Interpretations 10 and 12.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **68950** Other zirconium metal and alloys, unwrought, and waste and scrap, containing more than 50 percent zirconium. (Specify hafnium content.) (See § 399.2, Interpretations 10 and 12.) | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | |
| **68950** Zirconium metal powders, and zirconium alloy metal powders containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |
| **68950** Other zirconium alloy metal powders containing more than 50 percent zirconium by weight. (Specify hafnium content.) | Lb. | 262 | STVWXYZ | — | 500 | 25 | — | E–7 |
| **68950** Zirconium foil (less than .006 of an inch in thickness) containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify zirconium and hafnium content.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E–8 |
| **68950** Other zirconium or zirconium alloys, wrought, containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |
| **68950** Other zirconium or zirconium alloys, wrought, containing more than 50 percent zirconium. (Specify by name and hafnium content.) | Lb. | 262 | STVWXYZ | — | 500 | 500 | — | E–8 |
| **68950** Other base metals and alloys, n.e.c., wrought or unwrought, and waste and scrap. | Lb. | 268 | SYZ | — | — | — | — | B |
| **MANUFACTURES OF METALS, N.E.C.** | | | | | | | | |
| **69110** Roofing sheets, siding sheets, and perforated sheets, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E–8 |
| **69110** Roofing sheets, siding sheets, and perforated sheets, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | 100 | 500 | 100 | — | E–8 |
| **69110** Other iron or steel sheet metal construction material, *except central heating or cooling ducts;* and iron and steel bridges and parts. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69110** Portholes specially designed for military watercraft. | ..... | 408 | SWXYZ | 500 | — | — | 100 | B |
| **69110** Finished structural parts and structures, iron or steel, as follows: architectural and ornamental work; anchors and fittings for reinforcing refractory walls; bulkhead (water gates); gangways; sluice gates; | .....[3] | 268 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

[3] Report architectural and ornamental work in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups: S | T | V | X | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| guardrails; platforms; portholes not specially designed for military watercraft; prayer rails; loading ramps (nonmechanical); and turnstiles, not electric or coin operated. | | | | | | | | |
| **69110** Steel scaffolding equipment; and fabricated steel plate, including stacks and weldments. | .....[1] | 268 | SYZ | 500 | — | — | — | B |
| **69110** Other finished structures and structural parts, n.e.c., iron or steel. | .....[1] | 268 | SZ | 500 | — | — | — | B |
| **69120** Bridges and structural parts, aluminum. | ..... | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69120** Aluminum structural parts as follows: fencing and railing, ornamental; gangways; portholes; prayer rails; scaffolding equipment; tower sections; and turnstiles. | .....[2] | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **69120** Other finished structures and structural parts, n.e.c., aluminum. | .....[3] | 268 | SZ | 500 | — | — | — | B |
| **69130** Finished structural parts of zinc..... | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69211** Containers, iron or steel, jacketed only, for the storage of liquefied gases at temperatures below minus 274°F. (minus 170°C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328°F. (minus 200°C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75°F. (24°C.) without exposure to direct sunlight, or (c) stationary storage tanks with other insulating systems *and* designed only for liquid oxygen, nitrogen, or argon and having a capacity of 500 tons or more.[4, 5] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| **69211** Other containers, iron or steel, jacketed only, for the storage of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[4] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| **69211** Septic tanks, iron or steel..... | No. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **69211** Other steel storage tanks, lined..... | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69211** Other containers for storage and manufacturing use, lined or unlined, iron or steel. [Report containers, iron or steel, less than 80 gallon capacity in Export Control Commodity No. 69891.] | Lb.[6] | 268 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report fabricated steel plate, stacks, weldments, structural iron and steel, doors and door and window sash, frames and molding and trim, and central heating or cooling ducts in "pound"; and report prefabricated and portable buildings in "number."

[2] Report ornamental fencing and railing in "pound."

[3] Report prefabricated and portable buildings in "number"; and report doors, door and window sash, frames, molding and trim and other architectural and ornamental work and sheet metal construction materials, n.e.c., in "pound."

[4] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[5] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[6] Report tanks for storage or manufacturing use in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 69212 Containers, copper or copper alloy, jacketed only, for the storage of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) stationary storage tanks with other insulating systems *and* designed only for liquid oxygen, nitrogen, or argon and having a capacity of 500 tons or more.[1, 2] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69212 Other containers, copper or copper alloy, jacketed only, for the storage of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| 69212 Gas storage containers, copper..... | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69212 Storage bins of copper..... | Lb. | 268 | SZ | 500 | — | — | — | B |
| 69212 Other containers for storage and manufacturing use, and septic tanks, lined or unlined, copper. [Report containers, copper, less than 80 gallon capacity in Export Control Commodity No. 69892.] | Lb.[3] | 268 | SXYZ | 500 | — | — | 100 | B |
| 69213 Containers, aluminum or aluminum alloy, jacketed only, for the storage of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) stationary storage tanks with other insulating systems *and* designed only for liquid oxygen, nitrogen, or argon and having a capacity of 500 tons or more.[1, 2] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] Report tanks for storage or manufacturing use, and septic tanks, in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69213** Other containers, aluminum or aluminum alloy, jacketed only, for the storage of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| **69213** Septic tanks, aluminum..... | No. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **69213** Other containers for storage and manufacturing use, lined or unlined, aluminum. [Report containers, aluminum, less than 80 gallon capacity in Export Control Commodity No. 69899.] | Lb.[2] | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69221** Containers, iron or steel, jacketed only, for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, mobile, having a capacity in excess of 1,200 gallons (4,542 liters) and an evaporation loss rate of less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 3] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| **69221** Other containers, iron or steel, jacketed only, for the transportation of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over. [Report containers for mounting on trucks or trailers in Export Control Commodity No. 73163.) [1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| **69221** Other gas shipping containers, iron or steel. | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69221** Milk cans, and other cans used for transport of goods, iron or steel. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69221** Other shipping containers, iron or steel. | Lb. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **69222** Milk cans, and other cans used for transport of goods, aluminum. | Lb.[4] | 268 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Report tanks for storage or manufacturing use in "number."

[3] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[4] Report fluid milk shipping containers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 69222 Containers, aluminum or aluminum alloy, jacketed only, for transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, mobile, having a capacity in excess of 1,200 gallons (4,542 liters) and an evaporation loss rate of less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 2] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69222 Other containers, aluminum or aluminum alloy, jacketed only, for the transportation of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over. [Report containers for mounting on trucks or trailers in Export Control Commodity No. 73163.] [1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| 69222 Other gas shipping containers, aluminum. | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69222 Other shipping containers, aluminum, including barrels, boxes, chests and collapsible tubes. | Lb.[3] | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| 69231 Compressed gas cylinders, filled or unfilled, iron or steel, jacketed only, for the storage or transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, mobile, having a capacity in excess of 1,200 gallons (4,542 liters) and | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] Report barrels in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| an evaporation loss rate of less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 2] | | | | | | | | |
| **69231** Other compressed gas cylinders, filled or unfilled, iron or steel, jacketed only, for the storage or transportation of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| **69231** Other compressed gas cylinders, filled or unfilled, iron or steel. | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69232** Compressed gas cylinders, filled or unfilled, aluminum or aluminum alloy, jacketed only, for the storage or transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, mobile, having a capacity in excess of 1,200 gallons (4,542 liters) and an evaporation loss rate of less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 2] | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E–8 |
| **69232** Other compressed gas cylinders, filled or unfilled, aluminum or aluminum alloy, jacketed only, for the storage or transportation of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| **69232** Other compressed gas cylinders, filled or unfilled, aluminum or aluminum alloy. | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69299** Containers which are instruments of international trade, filled or unfilled, all metals, jacketed only, for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, having a capacity in excess of 1,200 gallons (4,542 liters) and an evaporation loss rate of less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 2] | | | | | | | | |
| 69299 Other containers which are instruments of international trade, filled or unfilled, all metals, jacketed only, for the transportation of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| 69299 Other gas shipping containers which are instruments of international trade, filled or unfilled, all metals. | No. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69299 Other shipping containers which are instruments of international trade, filled or unfilled, all metals. | ..... | 268 | SZ | 500 | — | — | — | B |
| 69311 Wire cable, rope, strand, and cord, stainless steel, suitable for aircraft. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69311 Other wire cable, rope, plaited bands, slings, and similar articles, iron or steel. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 69312 Wire cable, rope, strand, and cord, phosphor bronze. | Lb. | 272 | STVWXYZ | 100 | 500 | 100 | — | E–8 |
| 69312 Other wire cable, rope, plaited bands, slings, and similar articles, copper or copper alloy. | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| 69313 Wire cable, rope, plaited bands, slings, and similar articles, aluminum, having (1) an average copper content of 1 percent or more irrespective of other elements; or (2) an average copper content of less than 1 percent and (a) a zinc content of 4 percent or more, (b) a silicon content of 3.5 percent or more, or (c) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69313 Other wire cable, rope, plaited bands, slings, and similar articles, aluminum. | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 69320 Barbed wire, iron or steel..... | Lb. | 268 | SYZ | 500 | — | — | — | B |
| 69320 Other wire, iron or steel, of types used for fencing. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 69331 Wire fencing, netting, and wire reinforcing fabric, welded or woven, iron or steel. | Lb. | 268 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] Report reinforcing fabric in "square foot."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69331** Fence gates, wire cloth, and other woven wire products, iron or steel. | Sq. ft.[1] | 268 | SYZ | 500 | — | — | — | B |
| **69332** Fencing and netting, copper or copper-base alloy. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69332** Wire cloth, copper..... | Sq. ft. | 268 | SXYZ | 500 | — | — | 100 | B |
| **69332** Wire cloth, copper-base alloy; and other copper and copper-base alloy woven wire products. | Sq. ft.[1] | 268 | SYZ | 500 | — | — | — | B |
| **69333** Aluminum wire fencing, fence gates, and wire cloth. | Sq. ft.[1] | 268 | SZ | 500 | — | — | — | B |
| **69333** Other woven wire products, aluminum.. | Sq. ft. | 268 | SXYZ | 500 | — | — | 100 | B |
| **69340** Expanded metal of iron, steel, copper or aluminum. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69411** Nails, staples, spikes, tacks, and similar articles, iron or steel. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69412** Boat spikes, wire nails, wire staples, and wire spikes, copper. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| **69412** Other nails, tacks, staples, spikes, and similar articles, copper. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69421** Bolts, threaded rods and studs, nuts, screws, rivets, washers, and similar articles, iron or steel. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69422** Bolts, nuts, screws, rivets, washers, and similar articles, copper. | Lb. | 268 | SYZ | 500 | — | — | — | B |
| **69510** Hand tools mainly used in agriculture or forestry, and parts, n.e.c., as follows: cant hooks; digging bars; digging spuds; gardeners' trowels; mattocks; picks; pike poles; wheel-type cultivators; and wheel-type seeders. | ..... | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **69510** Other hand tools of a kind mainly used in agriculture or forestry, and parts, n.e.c. | ..... | 208 | SZ | 500 | — | — | — | B |
| **69521** Hacksaw blades, hand or power..... | No. | 428 | SXYZ | 500 | — | — | 100 | B |
| **69521** Power saw blades, metal working..... | No. | 428 | SWXYZ | 500 | — | — | 100 | B |
| **69521** Power saw blades, woodworking; and hand-operated saws, hand saw frames and blades, *except hacksaw blades;* and parts, n.e.c. | .....[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69522** Tweezers; paper perforators; and staple removers. | ..... | 218 | SZ | 500 | — | — | — | B |
| **69522** Metal-cutting shears and tinmen's snips, not power-operated; wrenches; pliers, pincers and other similar hand tools, and parts, n.e.c.; and files, rasps, and file accessories. | .....[3] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69523** Remington industrial guns, and parts, n.e.c. | ..... | 408 | SXYZ | 500 | — | — | 100 | B |
| **69523** Diamond dressers, and parts, n.e.c..... | ..... | 218 | SWXYZ | 500 | — | — | 100 | B |
| **69523** Hand tools and parts, n.e.c., as follows: other tools incorporating industrial diamonds; die-stocks; pipe threading tools; tapping tools; | ..... | 218 | SXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report fencing and fence gates in "pound."
[2] Report woodworking power saw blades in "number."
[3] Report metal cutting shears and snips, and wrenches in "number"; and files, rasps, and file accessories in "dozen."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| tap guides, magnetic; filing blocks, nonferrous metal; and shoe lasts. | | | | | | | | |
| 69523 Cooking and kitchen hand tools, and parts; and edge tools, and parts, *except chisel blanks, chisels, Go-Devils®, metal scrapers, nut splitters, and wedges.* | ..... | 218 | SZ | 500 | — | — | — | B |
| 69523 Other hand tools, n.e.c., and parts..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 69524 Broaching tools specially designed for production of arms, munitions, and implements of war. | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 69524 Broaching tools specially designed for production of jet engine blades and engine discs for nonmilitary types of engines. | No. | 422 | STVWXYZ | — | 500 | — | — | |
| 69524 Gun barrel rifling broaches..... | No. | 421 | STVWXYZ | — | 500 | — | — | A |
| 69524 Hollow deep-hole drills..... | No. | 422 | STVWXYZ | 500 | 1,000 | 1,000 | — | |
| 69524 Small arms deep-hole drills..... | No. | 421 | STVWXYZ | 500 | 500 | 500 | — | A |
| 69524 Parts, n.e.c., specially designed for the following tools: (a) broaching tools specially designed for production of arms, munitions and implements of war, (b) gun barrel rifling broaches, or (c) small arms deep-hole drills. (Specify type and model of tools for which parts are designed.) | ..... | 421 | STVWXYZ | 500 | 500 | 500 | — | A |
| 69524 Parts, n.e.c., specially designed for the following tools: (a) broaching tools specially designed for production of jet engine blades and engine discs for nonmilitary types of engines, or (b) hollow deep-hole drills. (Specify type and model of tool for which parts are designed.) | ..... | 422 | STVWXYZ | 500 | 500 | 500 | — | |
| 69524 Other surface-broaching tools, and parts; other tools and parts for metal-working machines; diamond dies for metalworking machines; diamond boring and turning tools whether or not for metalworking machines; and other tools incorporating industrial diamonds. | .....[1] | 428 | SWXYZ | 500 | — | — | 100 | B |
| 69524 Drill bits, core bits, and reamers, under 4 inches o.d., containing diamonds. | No. | 408 | SZ | 500 | — | — | — | B |
| 69524 Other drill bits, core bits, and reamers containing diamonds. | No. | 408 | SWXYZ | 500 | — | — | 100 | B |
| 69524 Rock drill bits and core bits having cones or sections which rotate freely and independently of the rotation of the body of the bit; and specially designed parts, n.e.c. | .....[2] | 408 | SVWXYZ | 500 | — | 1,000 | — | E–12 |
| 69524 Other rock drill bits, core bits, and reamers, n.e.c., and parts, n.e.c. | .....[2] | 408 | SXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report tools in "number."

[2] Report bits and reamers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69524** Tool bit and die blanks containing tungsten carbide or molybdenum. | No. | 428 | SXYZ | 500 | — | — | 100 | B |
| **69524** Tool bit and die blanks not containing tungsten carbide or molybdenum. | No. | 218 | SZ | 500 | — | — | — | B |
| **69524** Other cutting tools, dies, and parts.... | .....[1] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69525** Machine knives and blades, metal cutting. | No. | 428 | SWXYZ | 500 | — | — | 100 | B |
| **69525** Other machine knives and blades..... | No. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69526** Tool tips, etc., unmounted, of sintered metal carbides. | ..... | 428 | SXYZ | 500 | — | — | 100 | B |
| **69603** Razors, non-electric, and razor blades; and parts of razors, including blades and heads for electric razors. [Report electric razors in Export Control Commodity No. 72504.] | .....[2] | 218 | SZ | 500 | — | — | — | B |
| **69609** Knife blanks ..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69609** Table flatware and cutlery and other cutlery, n.e.c.; and parts, n.e.c. [Report precious metal or plated with precious metal in Export Control Commodity No. 89715; dental, medical, surgical, and veterinary scissors and shears in No. 86171; agricultural or forestry scissors or shears in No. 69510.] | ..... | 218 | SZ | 500 | — | — | — | B |
| **69710** Domestic type heating stoves, and cooking stoves and ranges, non-electric; and parts, n.e.c. | .....[3] | 218 | SZ | 500 | — | — | — | B |
| **69721** Domestic, including commercial and hospital, utensils and hollow ware of iron or steel, including vitreous-enameled or copper-clad. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **69722** Plumber's brass goods; builders sanitary ware and fittings, copper; domestic, including commercial and hospital, utensils and hollow ware, copper. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **69723** Domestic, including commercial and hospital, utensils and hollow ware, aluminum. | Lb. | 218 | SZ | 500 | — | — | — | B |
| **69791** Soap pads, iron or steel..... | Lb. | 218 | SZ | 500 | — | — | — | B |
| **69791** Steel wool, pot scourers, and other polishing pads, iron or steel. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69794** Figures, flower racks, mirrors, trays, and photograph or picture frames of base metals, n.e.c. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69794** Other indoor ornaments of base metals, n.e.c. [Report picture frames, mirrors and indoor ornaments of precious metals in Export Control Commodity No. 89715.] | ..... | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report metal cutting tools and dies in "number."
[2] Report razor blades in "thousand," and safety razors in "dozen."
[3] Report heating and cooking stoves and ranges in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69811** Window locks and safety hasps, nonferrous metal; and key blanks, motor vehicle locks, ignition locks, and tire locks, all metals. | .....[1] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69811** Other locks and lock sets..... | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **69812** Hardware and parts, copper or copper base alloy, *except transportation hardware; furniture hardware; builders' hardware; hinges and butts; track for doors; tracks and handles for bathtub enclosures; stair treads; and trolleys for folding doors.* | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **69812** Hardware and parts of base metal, as follows: transportation hardware, all metals; furniture beading, nickel-plated steel; edgings, all metals; furniture hardware, stainless steel; builders' hardware, nonferrous metal; hand rails, all metals; and other hardware, stainless steel, *except hinges and butts.* | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69812** Other hardware and parts, of base metals. | .....[2] | 218 | SZ | 500 | — | — | — | B |
| **69820** Safes, with or without interior fittings; vault doors; interior equipment for vaults; strong rooms and fittings; strong boxes; and parts, n.e.c. | .....[3] | 218 | SZ | 500 | — | — | — | B |
| **69830** Sprocket and other power transmission chains and parts, iron or steel. | Lb. | 418 | SZ | 500 | — | — | — | B |
| **69830** Other chains and parts, iron or steel, n.e.c. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69840** Anchors, grapnels, and parts, iron or steel. | Lb. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69851** Needles for hand sewing, knitting, netting, etc., iron or steel. | M | 218 | SZ | 500 | — | — | — | B |
| **69854** Belt fasteners (other than buckles), clasps, grommets, and similar articles of copper or copper alloy. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **69854** Buckles with die-cut inserts, and belt hooks, all metals; belt fasteners (other than buckles), clasps, grommets, and similar articles of stainless steel. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69854** Belt fasteners, clasps, grommets, and similar articles of other metal; hooks, eyes, eyelets, and buckles, all metals; and pins, hair pins, and curling grips, iron or steel. | ..... | 218 | SZ | 500 | — | — | — | B |
| **69861** Coil springs, leaf springs, and leaves for springs, iron or steel, for vehicles. | Lb. | 438 | SWXYZ | 500 | — | — | 100 | B |
| **69861** Other wire springs, iron or steel..... | Lb. | 218 | SZ *and* East Germany | 500 | — | — | 100 | B |
| **69862** Springs and leaves for springs, copper or copper alloy. | Lb. | 218 | SWXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Report padlocks, doorlocks and lock sets in "number."
[2] Report hinges and butts in "dozen pair."
[3] Report safes in "number."



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69862** Other wire springs, copper or copper alloy. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **69881** Sprocket and other power transmission chains and parts, copper or copper alloy. | Lb. | 418 | SXYZ | 500 | — | — | 100 | B |
| **69881** Other chains and parts, copper or copper alloy. | Lb. | 218 | SXYZ | 500 | — | — | 100 | B |
| **69882** Flexible tubing and piping, base metal.. | Lb. | 218 | SYZ | 500 | — | — | — | B |
| **69885** Crowns and home canning closures, metal. | ..... | 218 | SZ | 500 | — | — | — | B |
| **69885** Commercial closures of metal, n.e.c..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69886** Name plates, sign plates, tags and signs, of base metal, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **69887** Welding rods and wires, alloy steel, special types Class 1A.[1, 2] | Lb. | 261 | STVWXYZ | 500 | 500 | 500 | — | A E-8 |
| **69887** Welding rods and wires, alloy steel, special types Class 1B.[1, 2] | Lb. | 262 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| **69887** Welding rods and wires, iron or steel, as follows: (a) containing 6 percent or more cobalt, (b) AISI type 309-S-Cb-Ta, or (c) containing a total of 35 percent or more of alloying elements.[1] | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69887** Cobalt or cobalt alloy welding rods, wires, and electrodes, including brazing rods. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69887** Columbium or columbium alloy welding rods, wires, and electrodes, including brazing rods. | Lb. | 261 | STVWXYZ | 500 | 500 | 500 | — | A E-8 |
| **69887** Magnesium alloy welding rods, wires, and electrodes, including brazing rods, containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| **69887** Molybdenum or molybdenum alloy welding rods, wires, and electrodes, including brazing rods. | Lb. | 261 | STVWXYZ | 500 | 500 | 500 | — | A E-8 |
| **69887** Nickel or nickel alloy welding and soldering rods, wires, tubes, plates, and electrodes, composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. (Also specify copper content in pounds.) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| **69887** Other nickel or nickel alloy welding and soldering rods, wires, tubes, plates, and electrodes, including brazing rods. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69887** Tantalum or tantalum alloy welding rods, wires, and electrodes, including brazing rods. | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| **69887** Zirconium or zirconium alloy welding rods and wires containing more than 50 per- | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Specify recognized designation (AISI, SAE, NE number, etc.), or percentage of each alloying element.

[2] For definitions of "special types" of alloy steel, see § 399.2, Interpretations 8 and 9.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| cent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. | | | | | | | | |
| 69887 Copper or copper alloy welding and soldering rods and wire, including tubes and plates for welding and soldering. | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| 69887 Other welding and soldering rods and wire, including tubes and plates for welding or soldering. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 69891 Articles, n.e.c., of magnetic materials. (See § 399,2, Interpretation 6.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69891 Other electrical steel punchings..... | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69891 Containers, iron or steel, jacketed only, for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), with multi-laminar type insulation under vacuum. | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69891 Other containers, iron or steel, jacketed only, for the storage of liquefied gases, designed to maintain temperatures below minus 202° F. (minus 130° C.). [Report iron or steel storage containers, iron or steel, of 80 gallons capacity or over in Export Control Commodity No. 69211; and shipping containers, iron or steel, regardless of capacity in No. 69221.][1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E-8 |
| 69891 Other steel storage tanks, lined. [Report containers, iron or steel, with a capacity of 80 gallons or more in Export Control Commodity No. 69211.] | ..... | 238 | SWXYZ | 500 | — | — | 100 | B |
| 69891 Articles of iron or steel, as follows: crucibles; and fabricated wire products, *except: cotton bale ties and buckles; grating with wire center; wire nets; and wire rope clamps.* | .....[2] | 218 | SXYZ | 500 | — | — | 100 | B |
| 69891 Iron or steel cargo hooks; and malleable iron manhole covers. | ..... | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| 69891 Articles of iron or steel, as follows: gray iron manhole covers; roof drains; floor drains; pipe saddles; hose swivels; cotton bale ties and buckles; and steel storage tanks, unlined. [Report containers, iron or steel, with a capacity of 80 gallons or more in Export Control Commodity No. 69211.] | .....[2] | 268 | SZ | 500 | — | — | — | B |
| 69891 Articles of iron or steel, as follows: beaded or mesh hand bags; bird cages; book ends; bottle carriers, *except wire;* bull rings; calendar pad holders; change carriers; cashiers' cages; ear muff frames; fishing buckets; | .....[2] | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Report fabricated wire products and venetian blinds in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| game traps; gasoline cans; grating with wire center; ink pots; minnow buckets; paperweights; pipe hangers; radiator filling cans; rings; shelving; spectacle cases; stamp racks; street light poles, fabricated, not fitted with electrical parts; sun glass cases; switch boxes and covers; tackle boxes; telephone list finders; tote boxes; trunks; venetian blinds and parts, *except venetian screening;* ventilator dampers; ventilator hoods; ventilators not incorporating a power-driven blower mechanism; waste paper baskets; wire nets; and wire rope clamps.[1] | | | | | | | | |
| **69891** Articles of iron or steel, *except stainless steel,* as follows: animal traps; ball bearing swivels; cable clamps; cable thimbles (eye sleeve in splicing cable); can-type dispensers, shipped separately; gongs; guy rope hooks; guy rope clamps; hose couplings; hose hooks; keys for shoe polish cans; mop wringers; mouse traps; rat traps; rodent baiting devices; soap dispensers; socket clevises, ball; turnbuckles; and wire rope clamps. | ..... | 218 | SZ | 500 | — | — | — | B |
| **69891** Pole line and transmission hardware of iron or steel. | ..... | 608 | SZ | 500 | — | — | — | B |
| **69891** Body armor[1]; cutting electrodes, ceramic-covered, for underwater operations; Dempster Dumpster® containers (for use with Dempster Dumpster® hoisting units); gear blanks; oil seals, steel encased (general purpose); and submarine cable protectors. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **69891** Other articles of iron or steel, n.e.c.[1] .... | ..... | 218 | SYZ | 500 | — | — | — | B |
| **69892** Containers, copper or copper alloy, jacketed only, for the transportation or storage of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more, *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) with other insulating systems, mobile, having a capacity in excess of 1,200 gallons (4,542 liters) and an evaporation loss rate of | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Submarine and torpedo nets; aircraft landing mats; military armored vests; and military helmet liners require export authorization from the U.S. Department of State. See paragraph 370.5(a) for other commodities which require export authorization from the U.S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| less than 1.5 percent per day as determined at an ambient temperature of 75° F. (24° C.) and without exposure to direct sunlight.[1, 2] | | | | | | | | |
| 69892 Other containers, copper or copper alloy, jacketed only, for the transportation or storage of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over. [Report storage containers, copper or copper alloy, of 80 gallons capacity or over in Export Control Commodity No. 69212.][1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| 69892 Other gas shipping and storage containers, copper or copper alloy. [Report storage containers, copper or copper alloy, of 80 gallons capacity or over in Export Control Commodity No. 69212.] | ..... | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69892 Copper or copper-base alloy castings and forgings. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | FG |
| 69892 Copper or copper-base alloy fabricated anodes. (Also specify copper content in pounds.) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| 69892 Copper or copper-base alloy cores (mold inserts). (Also specify copper content in pounds.) | Lb. | 272 | STVWXYZ | 100 | 100 | 100 | — | |
| 69892 Articles of copper or copper alloy, *the following only:* animal cages; bird cages; bookends; bottle carriers; bull rings; can top spouts; ear muff frames; guy wire clamps, *except copper alloy;* handbags; hose couplings, *except copper alloy;* radiator filling cans; mouse traps and rat traps, *except copper alloy;* tote boxes; waste paper baskets; weatherstripping; and wire rope clamps, *except copper alloy.* | ..... | 218 | SZ | 500 | — | — | — | B |
| 69892 Articles of copper or copper alloy, *the following only:* anchors for marine use; bead chains; brackets, for mounting outboard motors; bulletin boards; caskets; clothes-line (dryer) reels; fog horns, nonelectric, for ships; gutter troughs; hinge chaplets; hose swivels, *except copper alloy;* lids for boxes; mooring swivels; oarlocks; pipe saddles, *except copper alloy;* tool boxes and tool chests, empty; and utility boxes. | ..... | 218 | SYZ | 500 | — | — | — | B |
| 69892 Other articles of copper or copper alloy, n.e.c. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 69899 Containers, nonferrous metals, n.e.c., jacketed only, for the transportation or stor- | No. | 231 | STVWXYZ | 100 | 500 | 100 | — | A E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| age of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day as determined at an ambient temperature of 75° F. (24° C.) without exposure to direct sunlight, or (c) stationary storage tanks, with other insulating systems, designed only for liquid oxygen, nitrogen, or argon and having a capacity of 500 tons or more.[1, 2] | | | | | | | | |
| **69899** Other containers, nonferrous metals, n.e.c., jacketed only, for the transportation or storage of liquefied gases, (a) designed to maintain temperatures below minus 202° F. (minus 130° C.), or (b) 500 gallons capacity or over.[1] | No. | 232 | STVWXYZ | 500 | 500 | 500 | — | E–8 |
| **69899** Other gas shipping and storage containers of nonferrous metals, n.e.c. [Report copper containers in Export Control Commodity No. 69212 or 69892; aluminum shipping containers in No. 69222 or 69232; and aluminum storage containers of 80 gallons capacity or over in No. 69213.] | ..... | 232 | SWXYZ | 500 | — | — | 100 | B |
| **69899** Aluminum alloy castings and forgings which have (a) an average copper content of 1 percent or more irrespective of other elements, or (b) an average copper content of less than 1 percent *and* (i) a zinc content of 4 percent or more, (ii) a silicon content of 9.5 percent or more, or (iii) a magnesium content of 9.5 percent or more. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| **69899** Other aluminum or aluminum alloy castings and forgings. | Lb. | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| **69899** Beryllium or beryllium alloy castings and forgings containing more than 50 percent beryllium. (Specify by name.) | Lb. | 261 | STVWXYZ | 500 | 500 | 500 | — | A |
| **69899** Other beryllium alloy castings and forgings. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| **69899** Bismuth or bismuth alloy castings and forgings. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| **69899** Boron metal and boron alloy castings and forgings containing 5 percent or more boron. | Lb. | 221 | STVWXYZ | 100 | 500 | 100 | — | A E–7 |
| **69899** Calcium metal castings and forgings containing less than one hundredth (0.01) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E–7 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| percent by weight of impurities other than magnesium *and* less than 10 parts per million of boron. | | | | | | | | |
| 69899 Cobalt or cobalt alloy castings and forgings. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69899 Columbium or columbium alloy castings and forgings. (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Gallium or gallium alloy castings and forgings, *except of electronic grades containing less than 1 percent gallium.* | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| 69899 Germanium metal castings and forgings having a resistivity of 50 ohms centimeter or greater. | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| 69899 Other germanium metal castings and forgings. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69899 Hafnium metal and hafnium alloy castings and forgings containing more than 15 percent hafnium by weight. (Specify hafnium content.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E-7 |
| 69899 Lithium or lithium alloy castings and forgings. | Lb. | 261 | STVWXYZ | — | 500 | — | — | A E-7 |
| 69899 Magnesium alloy castings and forgings containing 0.4 percent or more zirconium, or 1 percent or more of rare earth metals (cerium misch metal). (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Molybdenum or molybdenum alloy castings and forgings. (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Nickel or nickel alloy castings and forgings. | Lb. | 268 | SWXYZ | 500 | — | — | 100 | B |
| 69899 Polonium metal castings and forgings.. | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| 69899 Rhenium or rhenium alloy castings and forgings. | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| 69899 Tantalum or tantalum alloy castings and forgings. (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Titanium or titanium alloy castings and forgings. (Specify by name.) | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Tungsten or tungsten alloy castings and forgings, *except pressed-sintered forms weighing less than 20 pounds.* | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Vanadium or vanadium alloy castings and forgings. | Lb. | 268 | SXYZ | 500 | — | — | 100 | B |
| 69899 Yttrium or yttrium alloy castings and forgings. | Lb. | 262 | STVWXYZ | — | 500 | — | — | E-7 |
| 69899 Zirconium or zirconium alloy castings and forgings containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 69899 Other zirconium or zirconium alloy castings and forgings containing more than 50 percent zirconium. (Specify by name and specify hafnium content.) | Lb. | 262 | STVWXYZ | 500 | 500 | 500 | — | E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **69899** Castings and forgings of the following metals or their alloys: antimony, chromium, lead, manganese, tin, or zinc. | Lb. | 268 | SZ | 500 | — | — | — | B |
| **69899** Other nonferrous metal castings and forgings, n.e.c. [Report copper or copper base alloy castings and forgings in Export Control Commodity No. 69892.] | Lb. | 268 | SYZ | 500 | — | — | — | B |
| **69899** Other articles wholly made of zirconium or zirconium alloys containing more than 50 percent zirconium in which the ratio of hafnium content to zirconium content is less than one part to 500 parts by weight. (Specify hafnium content.) | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |
| **69899** Other articles wholly made of zirconium or zirconium alloys. (Specify zirconium and hafnium content.) | Lb. | 262 | STVWXYZ | — | 500 | — | — | E–8 |
| **69899** Articles wholly made of beryllium..... | Lb. | 261 | STVWXYZ | — | 500 | — | — | A |
| **69899** Thermoelectric materials with a maximum product of the figure of merit (Z) and the temperature (T in °K) in excess of 0.75.[1] | ..... | 601 | STVWXYZ | — | 500 | — | — | A |
| **69899** Materials specially designed and manufactured for use as absorbers of electromagnetic waves having frequencies greater than 200 megacycles per second. | ..... | 601 | STVWXYZ | 500 | 500 | 500 | — | A |
| **69899** Electrical conducting materials specially designed for operation continuously or discontinuously at ambient temperatures below minus 202° F. (minus 130° C.). | ..... | 231 | STVWXYZ | — | 500 | — | — | A |
| **69899** Wire mesh, all types, including electroformed, containing 95 percent or more nickel, with 60 or more wires per linear centimeter or the equivalent thereof. | Lb. | 212 | STVWXYZ | 100 | 500 | 100 | — | E–8 |
| **69899** Articles of nonferrous metals, n.e.c., other than copper or copper alloys, *the following only:* boat spikes, wire nails, wire staples, and wire spikes; bolts, screws, rivets, washers and similar articles, *except screw eyes and screw hooks;* brackets for mounting outboard motors, bulletin boards; cans, n.e.c., made or cut from nonferrous base metals; caskets; clothes-line (dryer) reels; fog horns, nonelectric, for ships; hinge chaplets; lids for boxes; link chains; mooring swivels; oarlocks; pipe hangers; ridge tile; tool boxes and tool chests, empty; and utility boxes. | .....[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **69899** Articles of nonferrous metals, n.e.c., other than copper or copper alloys, *the following only:* animal bells; animal cages; animal | .....[3] | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The figure of merit (Z) equals Seebeck coefficient squared, divided by the product of electrical resistivity and thermal conductivity.

[2] Report bolts, nuts, screws, rivets, washers and similar articles in "pound."

[3] Report the following in "pound": aluminum venetian blinds and parts; domestic utensils, including cookware and hollow ware of tin, tinplate or pewter; nails, tacks, staples, spikes and similar articles; and wire products.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| traps; ball-bearing swivels; bird cages; bicycle chains; bookends; bottle carriers; bull rings; call bells; can top spouts; catches, *except builders' and for fire-arms;* change carriers; clamps for cable, guy wire or wire rope; collapsible tubes, lead or tin; desk bells; dispensers, liquid soap; domestic utensils, including cookware and hollow ware; ear frames; fly boxes or tackle boxes; gasoline cans; keys for shoe polish cans; lawn edging; match boxes, tin, plain or painted; mop wringers; nails, tacks, staples, spikes and similar articles, *except boat spikes, wire nails, wire staples and wire spikes;* ointment cans; radiator filling cans; rat traps; screw eyes; screw hooks; shackles; socket clevises; suitcases; tote boxes; turnbuckles; venetian blinds, *except venetian screening;* waste paper baskets; weather-stripping; and wire inserts, helically coiled. | | | | | | | | |
| 69899 Other articles of nonferrous metals, n.e.c.[1] | .....[2] | 218 | SXYZ | 500 | — | — | 100 | B |
| **SECTION 7—MACHINERY AND TRANSPORT EQUIPMENT** | | | | | | | | |
| **MACHINERY, OTHER THAN ELECTRIC** | | | | | | | | |
| 71110 Water tube boilers, marine type, designed to have either of the following characteristics: (a) heat release rate (at maximum rating) equal to or in excess of 180,000 B.T.U. per cu. ft. of furnace volume, or (b) ratio of steam generated in pounds per hour (at maximum rating) to the dry weight of the boiler in pounds equal to or in excess of 0.83; and specially designed parts, n.e.c. (Specify characteristics.)[3] | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| 71110 Other water tube boilers, marine type, designed to operate at temperatures above 850° F.; and specially designed parts, n.e.c. (Specify designed operating temperature.) | ..... | 408 | SWXYZ | — | — | — | 100 | B |
| 71110 Boiler tubes, carbon steel..... | ..... | 408 | SZ | — | — | — | — | B |
| 71110 Other steam generating power boilers; and parts, n.e.c. | .....[4] | 408 | SXYZ | — | — | — | 100 | B |
| 71120 Boiler superheaters, feedwater heaters, and economizers for marine steam boilers designed to have either of the following charac- | ..... | 401 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report wire products in "pound."

[3] For export control purposes "furnace volume" is the volume of the combustion chamber formed by refractory or tubular walls and floor, i.e., the inside dimension of the chamber; and "dry weight of the boiler" is the total weight of the boiler (excluding the air heaters) less the water required for steaming.

[4] Report complete units of fire tube power boilers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| teristics: (a) heat release rate (at maximum rating) equal to or in excess of 180,000 B.T.U. per hour per cu. ft. of furnace volume, or (b) ratio of steam generated in pounds per hour (at maximum rating) to the dry weight of the boiler in pounds equal to or in excess of 0.83; and specially designed parts and accessories, n.e.c.[1] (Specify characteristics.) | | | | | | | | |
| **71120** Boiler superheaters, feedwater heaters, and economizers, for other marine steam boilers designed to operate at temperatures above 850° F; and specially designed parts and accessories, n.e.c. | .....[2] | 408 | SWXYZ | — | — | — | 100 | B |
| **71120** Heat exchangers and heat-exchanger type condensers specially designed for nuclear reactors; and specially designed parts and accessories, n.e.c. | .....[2] | 401 | STVWXYZ | — | 500 | — | — | A |
| **71120** Tubular type heat exchangers designed to operate at pressures of 1,500 psi and above *and* with all flow contact surfaces made of or lined with 10 percent or more nickel and/or chromium; and specially designed parts and accessories, n.e.c. (Give full specifications.) | .....[2] | 402 | STVWXYZ | — | 500 | — | — | |
| **71120** Heat exchangers and heat-exchanger type condensers, tubular, designed for use in steam power generation and to operate at pressures of 300 psi and over *and* with *all* flow contact surfaces *made of any* of the following materials: aluminum, nickel, titanium, zirconium, or alloys containing 60 percent or more nickel, either separately or combined (specify pressure and type of metal); and specially designed parts and accessories, n.e.c. | .....[2] | 402 | STVWXYZ | — | 500 | 100 | — | |
| **71120** Condenser tubes, carbon steel. ..... | ..... | 408 | SZ | — | — | — | — | B |
| **71120** Other steam generating power boiler accessories, n.e.c., and parts, n.e.c. | .....[2] | 408 | SXYZ | — | — | — | 100 | B |
| **71130** Steam turbines designed for use of saturated steam for an output of 2,000 horsepower (1,500 kilowatts) up to and including 100,000 horsepower (75,000 kilowatts); and parts and accessories, n.e.c. (Specify horsepower or kilowatts.) | ..... | 402 | STVWXYZ | — | 500 | — | — | |
| **71130** Steam turbines designed for turbogenerators 60,000 kilowatts and over; and parts and accessories, n.e.c. | ..... | 408 | SWXYZ | — | — | — | 100 | B |
| **71130** Other steam turbines and engines, n.e.c., and parts and accessories, n.e.c. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| **71141** Internal combustion aircraft engines. (Specify make, model, and horsepower.) (See § 399.2, Interpretation 20.) | No. | 432 | STVWXYZ | — | 500 | 500 | — | E–2 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] For export control purposes "furnace volume" is the volume of the combustion chamber formed by refractory or tubular walls and floor, i.e., the inside dimension of the chamber; and "dry weight of the boiler" is the total weight of the boiler (excluding the air heaters) less the water required for steaming.

[2] Report heat exchangers and condensers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71141** Parts, n.e.c., specially designed for internal combusion aircraft engines *and* wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretations 20 and 22.) | ..... | 431 | STVWXYZ | — | 500 | 25 | — | A |
| **71141** Other parts and accessories, n.e.c., specially designed for internal combustion aircraft engines.[1] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **71142** Aircraft engines as follows: (a) jet engines of 5,000 pounds thrust or over; and (b) turbo-prop and turbo-shaft engines of 2,500 horsepower or more, or with a residual thrust of 1,000 pounds or more. (Specify make, model, and pound thrust or horsepower.) [1] | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **71142** Other jet, turbo-prop, turbo-shaft, and gas turbine aircraft engines. (Specify make, model, and pound thrust or horsepower.) [1] | No. | 432 | STVWXYZ | — | 500 | — | — | E–2 |
| **71142** Parts and accessories, n.e.c., specially designed for aircraft engines *and* wholly made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretations 20 and 22.) | ..... | 431 | STVWXYZ | — | 500 | 25 | — | A |
| **71142** Parts and accessories, n.e.c., specially designed for jet, turbo-prop, and turbo-shaft aircraft engines under Export Control Commodity No. 71142 which are subject to the Import Certificate/Delivery Verification procedure. (Specify make, model, and pound thrust or horsepower of engine.) [1] | ..... | 431 | STVWXYZ | — | 500 | 500 | — | A |
| **71142** Other parts and accessories, n.e.c., specially designed for jet, turbo-prop, turbo-shaft, and gas turbine engines under Export Control Commodity No. 71142 which are not subject to the Import Certificate/Delivery Verification procedure. (Specify make, model, and pound thrust or horsepower of engine.)[1] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **71150** Diesel engines, non-magnetic, 50 brake horsepower and over, having a non-magnetic content exceeding 65 percent of total weight, or having non-magnetic parts other than crankcase, block, head, piston, covers, end plates, valve facings, gaskets, and fuel, lubricant and other supply lines. (Specify brake horsepower at rated r.p.m.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **71150** Diesel marine engines, 1,500 brake horsepower and over, with rotary speeds of 700 r.p.m. and over, designed for use on submarines. (Specify brake horsepower at rated r.p.m.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) and § 399.2, Interpretation 20, for commodities which require export authorization from the U.S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71150** Diesel engines, non-magnetic, 50 brake horsepower and over, having a non-magnetic content exceeding 50 percent, up to but not exceeding 65 percent of total weight. (Specify brake horsepower at rated r.p.m.) | No. | 432 | STVWXYZ | — | 500 | — | — | |
| **71150** Parts and accessories specially designed for engines under Export Control Commodity No. 71150 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 431 | STVWXYZ | — | 500 | — | — | A |
| **71150** Parts and accessories specially designed for diesel engines under Export Control Commodity No. 71150 which require a license to all country groups but are not subject to the Import Certificate/Delivery Verification procedure. | ..... | 432 | STVWXYZ | — | 500 | — | — | |
| **71150** Other diesel engines, 1,500 brake horsepower and over, with rotary speeds of 700 r.p.m. and over; and parts and accessories therefor. (Specify make, model, and brake horsepower at rated r.p.m.) | .....[1] | 438 | SWXYZ | — | — | — | 100 | B |
| **71150** Outboard motors, 15 horsepower and under only; and internal combustion engines up to and including 50 horsepower, *except diesel, and engines for watercraft and automotive vehicles;* and parts and accessories therefor. [Report internal combustion engines for aircraft in Export Control Commodity No. 71141.] | .....[1] | 438 | SZ | — | — | — | — | B |
| **71150** Outboard motors over 15 horsepower, and other internal combustion engines, n.e.c., and parts and accessories, n.e.c. [Report internal combustion engines for aircraft in Export Control Commodity No. 71141.] | .....[1] | 438 | SXYZ | — | — | — | 100 | B |
| **71160** Gas turbines, n.e.c., and parts, n.e.c. [Report gas turbines for aircraft in Export Control Commodity No. 71142.] | ..... | 438 | SXYZ | — | — | — | 100 | B |
| **71170** Parts and accessories, n.e.c., specially fabricated for nuclear reactors, including mechanical devices designed to control or shutdown a nuclear reactor. (Specify by name.)[2] | ..... | 601 | STVWXYZ | — | 500 | — | — | A |
| **71181** Parts, n.e.c., specially fabricated for water turbines and water engines 200,000 kilowatts and over. (Specify by name.) | ..... | 608 | SWXYZ | — | — | — | 100 | B |
| **71181** Water turbines and water engines, n.e.c., and parts, n.e.c. | .....[3] | 408 | SXYZ | — | — | — | 100 | B |
| **71189** Air starters, air turbines, and hydraulic motors, n.e.c., specially designed for aircraft; and specially designed parts, n.e.c. | .....[1] | 432 | STVWXYZ | — | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete engines and motors (assembled or unassembled) in "number."

[2] Export authorization from the U. S. Atomic Energy Commission is required for nuclear reactors (see paragraph 370.5(d)), even when such export is to be made in multiple shipments, or when some of the parts are to be supplied by foreign sources.

[3] Report water turbines and engines (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71189 Windmills and parts, n.e.c. | ..... | 408 | SZ and East Germany | — | — | — | — | B |
| 71189 Other engines, n.e.c., and parts, n.e.c. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| 71210 Agricultural machines and appliances for preparing, planting and cultivating the soil; and parts and attachments, n.e.c. | .....[1] | 208 | SYZ | 500 | — | — | — | B |
| 71220 Mechanical cotton pickers; beet harvesters, 4-row and larger; and field hay wafering or pelletizing machines, and any machines designed for similar operations. | No. | 208 | SWYZ | 500 | — | — | — | B |
| 71220 Parts and attachments specially designed for mechanical cotton pickers. | ..... | 208 | SWYZ | 500 | — | — | — | B |
| 71220 Other agricultural machines and appliances, for harvesting, cutting, threshing, and sorting; and parts and attachments, n.e.c. | .....[1] | 208 | SYZ | 500 | — | — | — | B |
| 71230 Milking machines and other farm dairy machines, n.e.c., and parts, n.e.c. | ..... | 208 | SZ | 500 | — | — | — | B |
| 71230 Industrial dairy machines, n.e.c., and parts. | .....[1] | 418 | SZ | 500 | — | — | — | B |
| 71250 Military type tracklaying tractors; and military type contractors' off-highway wheel tractors.[2, 3] | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71250 Nonmilitary type contractors' off-highway wheel tractors, including those used for drawing scrapers and off-highway semitrailers and trailers, 135 horsepower and over. (Specify as nonmilitary and horsepower.)[3, 4] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| 71250 Nonmilitary type tracklaying tractors, 135 horsepower and over. (Specify as nonmilitary and horsepower.)[4] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| 71250 Other wheel tractors, 125 power takeoff horsepower and over. | No. | 202 | SVWXYZ | — | — | — | — | |
| 71250 Other wheel tractors, under 125 power takeoff horsepower; and garden tractors, including motor tillers. | No. | 208 | SYZ | 500 | — | — | — | B |
| 71250 Other nonmilitary tractors. (Specify as nonmilitary and horsepower.)[4] | No. | 408 | SXYZ | — | — | — | 100 | B |
| 71291 Presses and crushers used in making fruit juice, wine, and similar beverages, and parts. | ..... | 418 | SZ | 500 | — | — | — | B |
| 71299 Poultry equipment and parts, *except incubators and hatchers and parts.* | ..... | 208 | SZ | 500 | — | — | — | B |
| 71299 Agricultural machinery, n.e.c., and parts and attachments, n.e.c. | .....[5] | 208 | SYZ | 500 | — | — | — | B |
| 71410 Electric typing devices capable of being connected to and operating over a wire communication circuit. | No. | 218 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report machines and appliances (assembled or unassembled) in "number."

[2] Possessing or built to current military specifications differing materially from normal commercial specifications.

[3] Off-highway vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing, have an overall width of over 98 inches, as measured from outside to outside of rear tires.

[4] For export control purposes, the horsepower rating to be used is the horsepower that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed as measured at the flywheel, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[5] Report incubators in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71410** Videotypers.® | No. | 218 | SXYZ | — | — | — | 100 | B |
| **71410** Multitype typewriters; and automatic typing devices with punched tape mechanisms (for example, Justowriters®). [Report justifying or multiple font machines for use in photolithography or offset printing in Export Control Commodity No. 71822, and typewriters incorporating a calculating device in 71420.] | No. | 218 | SYZ | — | — | — | — | B |
| **71410** Other typewriters and checkwriting machines. | No. | 218 | SZ | — | — | — | — | B |
| **71420** Electronic computers as follows: (a) analog computers with one or more of the following characteristics: (i) containing a summer with a rated accuracy better than 1 part in 5,000 parts, or a multiplier or arbitrary adjustable function generator with a rated accuracy better than 1 part in 1,000 parts, (ii) containing or capable of incorporating a total of more than 75 summers, integrators, multipliers or function generators, (iii) incorporating facilities for automatic insertion or alteration of problem set-up, or (iv) incorporating any unit designed to function solely as a memory; (b) analog computers designed or modified for use in airborne vehicles, missiles, or space vehicles and rated for continuous operation at temperatures from below minus 45° C. to above plus 55° C., and equipment or systems incorporating such computers; (c) other analog computers; (d) digital computers using drum or disc type primary memory and possessing: (i) a total rated directly addressable storage capacity in excess of 1,000,000 bits (the same limit defines both the maximum capacity a single storage equipment may possess and the combined capacity where multiple equipments are used), or (ii) a capacity of storage in excess of 250 bits per linear inch (250 bits per 25.4 mm) of single track (this limitation applies to each storage equipment involved); (e) digital differential analyzers (incremental computers) the following: (i) incorporating more than 50 integrators, or (ii) incorporating integrators with an incremental cycle time of less than 1 millisecond (or an iteration rate in excess of 1,000 per second); (f) digital computers and digital differential analyzers (incremental computers) designed or modified for use in airborne vehicles, mis- | ..... | 621 | STVWXYZ | — | 500 | 100 | — | AFG |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| siles, or space vehicles and rated for continuous operation at temperatures from below minus 45° C. to above plus 55° C., and equipment or systems incorporating such computers or analyzers; and (g) other digital computers and differential analyzers (incremental computers). (Specify name and model number and applicable characteristics.) [1] | | | | | | | | |
| 71420 Input/output devices, or other peripheral equipment for electronic computers. (Specify by name.) [1] | ..... | 621 | STVWXYZ | — | 500 | 500 | — | A |
| 71420 Accounting and bookkeeping machines, new; and calculators, new and used. | No. | 218 | SXYZ | — | — | — | 100 | B |
| 71420 Listing-adding machines, new; and accounting and bookkeeping machines, used. | No. | 218 | SYZ | — | — | — | — | B |
| 71420 Listing-adding machines, used; nonlisting adding machines, pocket adding machines, mail handling machines, and cash registers incorporating a calculating device, new and used. [Report cash registers not incorporating a calculating device in Export Control Commodity No. 71491.] | No. | 218 | SZ | — | — | — | — | B |
| 71430 Flexowriters® specially designed for use with electronic computers. | No. | 622 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 71430 Other machines specially designed for use with electronic computers. (Specify by name and model number.) [1] | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |
| 71430 Statistical machines used in conjunction with punched cards or tape, including auxiliary machines, *the following only:* billing machines, calculating machines, Flexowriters® for other than computer use, Computypers®, and listing-adding machines. | No. | 628 | SXYZ | — | — | — | 100 | B |
| 71430 Other statistical machines used in conjunction with punched cards or tape, including auxiliary machines. | No. | 218 | SXYZ | — | — | — | 100 | B |
| 71491 Duplicating machines; and other office machines, n.e.c. | No. | 218 | SZ | — | — | — | — | B |
| 71492 Parts and accessories for Flexowriters® specially designed for use with electronic computers. | ..... | 622 | STVWXYZ | — | 500 | 500 | — | |
| 71492 Parts and accessories specially designed for electronic computers and auxiliary machines under Export Control Commodity Nos. 71420 and 71430 which are subject to the Import Certificate/Delivery Verification procedure. (Specify name of part and of equipment for which it is designed.) [1] | ..... | 621 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.
® Trademark registered in the Patent Office of the United States.
[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71492** Parts and accessories for billing machines, calculating machines, Computypers,® Flexowriters,® and listing-adding machines under Export Control Commodity No. 71430 which are not specially designed for use with computers. | ..... | 628 | SXYZ | — | — | — | 100 | B |
| **71492** Parts and accessories specially designed for electric typing devices capable of being connected to and operating over a wire communication circuit. | ..... | 218 | SWXYZ | — | — | — | 100 | B |
| **71492** Parts and accessories for the following machines: accounting and bookkeeping machines; calculators, *except punched card types and except pocket types;* Fotolist® machines; Videotypers®; and statistical machines for use in conjunction with punched cards or tape, *except electronic computer auxiliary machines.* | ..... | 218 | SXYZ | — | — | — | 100 | B |
| **71492** Parts and accessories for the following machines: multitype typewriters; automatic typing devices with punched tape mechanisms (for example, Justowriters®); and listing-adding machines. | ..... | 218 | SYZ | — | — | — | — | B |
| **71492** Other parts and accessories for other office machines. | ..... | 218 | SZ | — | — | — | — | B |
| **Machines and machine tools for working metals** [Report parts in Export Control Commodity No. 71954]: | | | | | | | | |
| **71510** Metal-cutting machine tools and other machine tools for the working of metals, specially designed for the manufacture of arms, munitions, and implements of war.[1, 2] (Specify type of machine.) | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Jig boring machines with longitudinal, transverse or vertical table travel exceeding 44 inches. | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| **71510** Automatic vertical boring and turning mills (including vertical turret lathes), cycle type. | No. | 422 | SVWXYZ | — | — | 500 | — | |
| **71510** Armor plate drilling machines..... | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Hollow drill deep-hole drilling machines. | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| **71510** Gear making and/or finishing machinery, as follows: (a) gear grinding machines, generating type, capable of accepting gear blanks of 36 inches (914 mm.) work diameter or more, (b) gear grinding machines, generating type, capable of accepting gear blanks of 9 inches (228 mm.) work diameter or more, | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

[2] Export authorization is required from the U.S. Department of State for projectile and ammunition production equipment. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| for the production of helical or herringbone gears, or (c) machinery capable of the production of gears of a module finer than 0.5 mm. (diametral pitch finer than 48) and meeting a quality standard better than AGMA 10 or equivalent. (See § 399.2, Interpretation 3.) | | | | | | | | |
| 71510 Gear making and/or finishing machinery capable of the production of gears of a module finer than 0.5 mm. (diametral pitch finer than 48) but which are not capable of meeting a quality standard better than AGMA 10 or equivalent. (See § 399.2, Interpretation 3.) | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71510 Other gear tooth grinding machines and gear cutting machines. | No. | 428 | SWXYZ | — | — | — | 100 | B |
| 71510 Machines specially designed for making gas turbine blades, including but not limited to the following: blade belt grinding machines, blade edge radiusing machines, blade aerofoil milling and/or grinding machines, blade fillet radiusing and/or platform forming machines, blade root milling machines, blade blank preforming machines, blade rolling machines, blade aerofoil shaping machines, root grinding machines, and blade aerofoil scribing machines. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71510 Internal grinding machines specially designed for the utilization of one or more spindle heads capable of speeds in excess of 120,000 r.p.m., *except machines capable of use with hand-held tools only.* | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71510 Other internal grinding machines specially designed for the utilization of one or more spindle heads capable of speeds over 80,000 r.p.m. | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71510 Tank turret bearing grinding machines. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71510 Grinding machines for broaching tools, automatic cycle, automatic sizing. | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71510 Honing machines, vertical or horizontal, of 6 ft. stroke or more. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71510 Metal-polishing and buffing machines, manually operated bench and floor types. | No. | 428 | SZ | — | — | — | — | B |
| 71510 Jig grinding machines with longitudinal, transverse or vertical travel exceeding 44 inches. | No. | 421 | STVWXYZ | — | 500 | 500 | — | |
| 71510 Machines specially designed for the manufacture of jet engines, as follows: (a) jet engine compressor case boring machines, (b) jet engine compressor or turbine disc turning machines, and (c) jet engine rotor grinders. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71510** Lathes specially designed for the manufacture of artillery, including but not limited to, gun barrel trepanning lathes, gun-boring lathes, and gun jump screw lathes. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Combination lathe, drilling and milling machines, specially designed for mobile military workshops or for naval craft. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Single-spindle automatic chucking lathes, and single-spindel between-center lathes. | No. | 428 | SXYZ | — | — | — | 100 | B |
| **71510** Machinery for use in the manufacture of aircraft, as follows: (a) specially designed for the working or forming of aircraft sheet, plate or extrusion, or (b) specially designed for the milling of aircraft skin. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Accelerated lead rifle broaching machines and other rifling and rifle-working machines. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Armor plate planers..... | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Machine tools designed for or equipped with numerical control systems specially designed for controlling coordinated simultaneous (contouring and continuous path) machining movements in a machine tool in two or more axes. (See § 399.2, Interpretation 7.) | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Machine tools designed for or equipped with electronic closed loop control systems designed solely for positioning operations. (See § 399.2, Interpretation 7.) | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| **71510** Armor plate quenching presses..... | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Presses, as follows: (a) stabilized equipment using rams, for applying high impact energy work forces through use of explosives or compressed gases including air, (b) presses specially designed or re-designed for the working or forming of metals, alloys, or other materials with a melting point exceeding 1900° C., and (c) mechanical and hydraulic presses with total rated capacity over 10,000 tons. (Specify model and rated tonnage capacity.) | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71510** Other hydraulic or mechanical presses with rated capacity over 5,000 tons up to and including 10,000 tons. (Specify model and rated tonnage capacity.) | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| **71510** Other presses specially designed for the manufacture of steel pipe of a size greater than 19 inches o.d., as follows: (a) O-ing presses, (b) U-ing presses, and (c) straightener-expander presses. | No. | 422 | SVWXYZ | — | — | 500 | — | |
| **71510** Forging hammers as follows: (a) counter-blow hammers having rated sizes of 25,000 | No. | 422 | STVWXYZ | — | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| kilogram meters (181,250 foot-pounds) or more, (b) rotary impact forging hammers of rated sizes of 10,000 foot-pounds or more, (c) horizontal impact hammers, (d) forging hammers having falling weight exceeding 10 tons, and (e) other steam, air, or mechanical hammers of rated size exceeding 10 tons. (Specify type, falling weight, or rated size.) | | | | | | | | |
| 71510 Spin-forming machines with drive motors of 50 horsepower or over.[1] | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71510 Spin-forming machines with drive motors of over 25 horsepower up to but not including 50 horsepower.[1] | No. | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71510 Electron beam machines, *except equipment using the "sparking" technique.* [Report electron beam furnaces and electron beam welders in Export Control Commodity No. 72992; and electron beam coating machines in No. 71980.] | No. | 601 | STVWXYZ | — | 500 | — | — | A |
| 71510 Portable pipe bending machines capable of bending pipe of 16 inch diameter and over. | No. | 422 | STVWXYZ | — | 500 | — | — | |
| 71510 Portable drilling machines capable of tapping steel line pipe of a size greater than 19 inches o.d. without interruption of flow. | No. | 422 | SVWXYZ | — | — | — | — | |
| 71510 Bonding machines for applying fins on tubing; and axle straighteners. | No. | 438 | SXYZ | — | — | — | 100 | B |
| 71510 Other metal-cutting and metalworking machines and machine tools.[2] | No. | 428 | SWXYZ | — | — | — | 100 | B |
| 71521 Equipment specially designed for the manufacture of arms, ammunition and/or implements of war, as follows: (a) artillery casting machines, (b) centrifugal casting machines capable of casting tubes 6 feet or more in length with a wall thickness of 2 inches and over, (c) other foundry equipment specially designed for the manufacture of arms, munitions and implements of war, and (d) specially designed parts therefor. (Specify by name.) [3] | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71521 Other centrifugal casting machines capable of casting tubes 6 feet or more in length with a wall thickness of 2 inches or over; and specially designed parts. | ..... | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71521 Bessemer converters, open hearth converters, and other metallurgical converters, and parts, n.e.c. | ..... | 428 | SXYZ | — | — | — | 100 | B |
| 71521 Ingot molds for heavy steel ingots..... | Lb. | 428 | SZ | — | — | — | — | B |
| 71521 Other foundry equipment and parts, n.e.c. | ..... | 428 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Spin-forming machines are those which form hot or cold metal by the action of spinning or rotary motion. Examples of spin-forming machines are: Appel, Floturn, Hydrospin, Rollform, Roll, Shear-form, Spin forging, and Slick mill types.

[2] Export authorization is required from the U.S. Department of State for projectile and ammunition production equipment. See paragraph 370.5(a).

[3] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **Rolling mills and parts** (See § 399.2, Interpretation 16): | | | | | | | | |
| **71522** Metal rolling mills with work rolls supported by multiple back-up rolls or bearings (for example, Senzimir cold mills); and specially designed parts and accessories, *except work rolls.* | .....[1] | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71522** Metal sheet, plate, strip, or foil mills, except aluminum foil mills, hot or cold, having automatic work roll adjustment controls for tapering or contouring lengthwise of work piece; and specially designed parts and accessories, *except work rolls.* | .....[1] | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71522** Metal rolling mills (all types) specially *designed* or *redesigned* for rolling of metals and alloys with a melting point exceeding 1900° C. (3420° F.); and specially designed parts and accessories, *except work rolls.* | .....[1] | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71522** Metal rolling mills, sheet, plate, strip, or foil, except aluminum foil mills, more than 3 rolls high (including dual purpose mills for 2 or 4 high operation), which achieve special lateral and/or longitudinal contour control by one or more of the following methods or means: (a) having work rolls with a ratio of roll face length to diameter exceeding 6:1 with roll face length up to and including 30 inches, *or* exceeding 5:1 for rolls with roll face length over 30 inches, (b) maintaining work roll contour by concurrent deforming of back-up rolls, shafts or work rolls, or (c) any other features for achieving special lateral and/or longitudinal contour controls comparable to (a) or (b) above; and specially designed parts and accessories, *except work rolls.* | .....[1] | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **71522** Metal rolling mills with multiple work rolls rotating in a planetary form around the back-up rolls (for example, Senzimir hot mills); and specially designed parts and accessories, *except work rolls.* | .....[1] | 422 | STVWXYZ | — | 500 | 500 | — | |
| **71522** Other metal rolling mills, sheet, plate, strip, or foil, except aluminum foil mills, more than 3 rolls high (including dual purpose mills for 2 or 4 high operation), which achieve special lateral and/or longitudinal contour control by one or more of the following methods or means: (a) incorporating closed loop electronic continuous gauge controls, (b) by use of control tensiometers for measuring and automatically maintaining appropriate ad- | .....[1] | 422 | STVWXYZ | — | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report rolls for rolling mills in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| justment of tension of metal being rolled, or (c) any other features for achieving special lateral and/or longitudinal contour controls comparable to (a) or (b) above; and specially designed parts and accessories, *except work rolls.* | | | | | | | | |
| 71522 Other continuous cold sheet and strip mills of more than three-high roll stands; and specially designed parts and accessories, *except work rolls.* | .....[1] | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71522 Other plate rolling mills; other continuous four-high hot strip and sheet mills; and pipe mills specially designed for the manufacture of steel pipe of a size greater than 19 inches o.d.; and specially designed parts and accessories, *except work rolls.* | .....[1] | 422 | SVWXYZ | — | — | 500 | — | |
| 71522 Other rolling mill machines and equipment, including pipe or tube mill machines; and parts and accessories; and all work rolls for rolling mills. | .....[1] | 428 | SWXYZ | — | — | — | 100 | B |
| 71523 Flame cutting machines with tracer heads designed for or equipped with numerical control systems specially designed for controlling coordinated simultaneous (contouring and continuous path) movements in two or more axes; and specially designed parts and accessories, n.e.c. (See § 399.2, Interpretation 7.) | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71523 Flame cutting machines with tracer heads designed for or equipped with electronic closed loop control systems designed solely for positioning operations; and specially designed parts and accessories, n.e.c. (See § 399.2, Interpretation 7.) | ..... | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71523 Other gas operated welding, cutting, brazing, and surface tempering machines and appliances; and parts and accessories, n.e.c. | ..... | 428 | SWXYZ | — | — | — | 100 | B |
| 71711 Cotton gins | No. | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71711 Cotton or wool carding, combing, spinning and twisting machines. | No. | 418 | SZ | — | — | — | — | B |
| 71711 Machines for extruding man-made fibers, and other machines for preparing and processing natural or man-made fibers into yarns, and for winding. | No. | 418 | SYZ | — | — | — | — | B |
| 71712 Looms other than cotton looms | No. | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71712 Other weaving machines, knitting machines and machines for producing trimmings, braids, net, and similar fabrics; and machines for preparing yarn for use on such machines. | No. | 418 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report rolls for rolling mills in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71713** Parts, accessories and attachments for: (a) cotton gins, and (b) looms other than cotton looms. | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71713** Textile machine needles; parts, accessories and attachments for cotton looms, for other weaving machines, knitting machines, machines for producing trimmings, braids, net, and similar fabrics, for machines for preparing yarn for use on such machines, and for carding, combing, twisting, and spinning machines for cotton or wool. | .....[1] | 418 | SZ | — | — | — | — | B |
| **71713** Other parts, accessories and attachments for machines for extruding man-made fibers, and for other machines for preparing and processing natural or man-made fibers into yarns, and for winding.[2] | ..... | 418 | SYZ | — | — | — | — | B |
| **71714** Millinery dies (hat blocks), nonferrous metal. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| **71714** Other machinery for the manufacture or finishing of felt, and parts. | ..... | 418 | SZ | — | — | — | — | B |
| **71715** Cord treating laboratory units (for example, Computreators®), and specially designed parts, n.e.c. | .....[3] | 418 | SXYZ | — | — | — | 100 | B |
| **71715** Textile cutting machines, and parts and attachments, n.e.c. | ..... | 418 | SYZ | — | — | — | — | B |
| **71715** Silk screen printing equipment; and pleating (folding) machines; and parts and attachments, n.e.c. | .....[3] | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71715** Other machines for washing, cleaning, drying, bleaching, dyeing, dressing or finishing textile yarns, fabrics, or made-up textile articles; laundry and dry cleaning machines; and other machines for printing on textiles, leather, wallpaper, linoleum, or other materials; and parts and attachments therefor. | .....[3] | 418 | SZ | — | — | — | — | B |
| **71720** Shoe making and repairing machines, and machines for preparing, tanning or working hides, skins or leather, n.e.c, and parts, n.e.c. | ..... | 418 | SZ | — | — | — | — | B |
| **71730** Industrial sewing machines, including complete head assemblies, specially designed for the production of parachutes or other military equipment; and parts, n.e.c. | .....[3] | 418 | SYZ | — | — | — | — | B |
| **71730** Other industrial sewing machines, and parts. | .....[3] | 418 | SZ | — | — | — | — | B |
| **71730** Domestic sewing machines, and parts, n.e.c. | .....[3] | 218 | SZ | — | — | — | — | B |
| **71730** Needles, sewing machine..... | M. | 218 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] Report needles in "thousand."

[2] Export authorization is required from U. S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

[3] Report complete machines (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71811 Machinery for making or finishing cellulosic pulp, paper or paperboard; and parts and attachments. | .....[1] | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71812 Paper bag-making machines; office-type paper cutters; and parts and attachments therefor, n.e.c. | .....[1] | 418 | SZ | — | — | — | — | B |
| 71812 Other papercutting machines, and machines, n.e.c., for the manufacture of articles of paper pulp, paper or paperboard; and parts and attachments, n.e.c. | .....[1] | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71821 Bookbinding machines, and parts..... | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71822 Electrotyping, stereotyping, and photoengraving machines; printing plates and cuts (electrotype, stereotype, halftone, lithographic, or engraved); fonts; handsaws; Lintoype® matrices; multitype typewriters (for example, Varitypers®); and photo composing machines (for example, Coxheadliners®, Headliners®, and Typros®); and parts and accessories therefor. | .....[1] | 218 | SYZ | — | — | — | — | B |
| 71822 Other typesetting and type making machines; and parts and accessories. | .....[1] | 218 | SZ | — | — | — | — | B |
| 71829 Price marking machines, and plane-o-plate rotary shavers, and parts. | .....[1] | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71829 Printing machines, n.e.c., and parts.... | .....[1] | 218 | SZ | — | — | — | — | B |
| 71831 Grain cleaning machines, and corn husking machines, and parts. | ..... | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 71831 Other machines used in the grain milling industry, and parts. | ..... | 418 | SZ | 500 | — | — | — | B |
| 71839 Chocolate homogenizers, and parts..... | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71839 Sugar-plant machines and equipment, n.e.c., and parts. | ..... | 418 | SYZ | — | — | — | — | B |
| 71839 Other food processing machines and equipment, n.e.c., and parts. | ..... | 418 | SZ | — | — | — | — | B |
| 71841 Road rollers, self-propelled..... | No. | 408 | SYZ | — | — | — | — | B |
| 71842 Construction equipment built to military specifications, specially designed for airborne transport. | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71842 Other construction equipment, tractor-mounted, possessing or built to current military specifications differing materially from their normal commercial specifications. (Specify as military.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71842 Power cranes, draglines, and shovels, excavator type, crawler or walker-mounted, full revolving, over 6 cu. yd. dipper capacity, or over 100 tons crane lifting capacity. [Report wheel- or truck-mounted machines in Export Control Commodity No. 73203.] | No. | 402 | SVWXYZ | — | — | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.
® Trademark registered in the Patent Office of the United States.
[1] Report complete machines (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71842** Parts, accessories, and attachments specially designed for construction equipment built to military specifications; and attachments specially designed for military type integral tractor-shovel loaders. (Specify as military.) [Report integral tractor-shovel loaders in Export Control Commodity No. 71931.] | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| **71842** Attachments specially designed for nonmilitary type integral tractor-shovel loaders of 135 horsepower and over. [Report integral tractor-shovel loaders in Export Control Commodity No. 71931.] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E–11 |
| **71842** Parts, accessories, and attachments, *except cabs and cab guards (canopy tops)*, specially designed for nonmilitary, full-revolving excavator type power cranes, draglines and shovels as follows: (a) walker- or crawler-mounted of over 6 cu. yd. dipper capacity or over 100 tons crane lifting capacity, and (b) wheel- or truck-mounted of over 1 cu. yd. capacity or over 30 ton crane lifting capacity. (Specify type and capacity of excavators). | ..... | 402 | SVWXYZ | — | — | 1,000 | — | |
| **71842** Nonmilitary type scrapers, dig-carry-haul type, over 11 cu. yd. struck capacity. (Specify struck capacity.) | No. | 402 | SVWXYZ | — | — | — | — | E–11 |
| **71842** Logging vehicles, self-propelled, 135 horsepower and over. (Specify type and horsepower.) [1] | No. | 402 | SVWXYZ | — | — | — | — | |
| **71842** Pipe layers, specially designed (integrated track-laying type), 135 horsepower and over. (Specify horsepower.) [1] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| **71842** Parts, accessories, and attachments, *except cabs and cab guards (canopy tops)*, specially designed for the following: (a) nonmilitary types of scrapers, dig-carry-haul type, over 11 cu. yd. struck capacity, (b) logging vehicles, self-propelled, 135 horsepower and over, or (c) pipe layers, specially designed (integrated tracklaying tractor types), 135 horsepower and over.[1] (Specify as nonmilitary and cu. yd. capacity or horsepower as appropriate.) [Report integral tractor-shovel loaders and front-end loaders for mounting on tractors, and parts therefor in Export Control Commodity No. 71931.] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-11 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] For export control purposes the horsepower rating to be used is the horsepower that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed as measured at the flywheel, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71842 Dredging machines, and parts, accessories and attachments.[1] | .....[2] | 408 | SWXYZ | — | — | — | 100 | B |
| 71842 Self-propelled ditchers and trenchers incorporating engines rated 60 horsepower or less; logging sulkies, and logging arches, *except self-propelled of 135 horsepower or over;* and parts, accessories, and attachments therefor. | .....[2] | 408 | SYZ | — | — | — | — | B |
| 71842 Asphalt cutters; clay spades; dirt tampers; and street flushing units for truck mounting; and parts, accessories, and attachments therefor. | ..... | 408 | SZ | — | — | — | — | B |
| 71842 Rotary drill rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over. (Specify input horsepower.) [Report truck mounted rigs in Export Control Commodity No. 73203.] | No. | 402 | SVWXYZ | — | — | — | — | |
| 71842 Parts, accessories, and attachments specially designed for rotary drill (*excluding core*) rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over, *except core barrels, crown and traveling blocks, hooks, swivels, drill collars, tool joints, kellies, and kelly and rotary substitutes.* [Report derricks in Export Control Commodity No. 71931.] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-12 |
| 71842 Snow plows, farm-type; and parts, accessories, and attachments. | .....[3] | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 71842 Other drilling, excavating, leveling, mining, construction, and maintenance equipment; and parts, accessories, and attachments. | .....[3] | 408 | SXYZ | — | — | — | 100 | B |
| 71851 Foundry machines specially designed for the manufacture of arms, munitions, or implements of war; and specially designed parts, n.e.c.[4] | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71851 Other foundry sand agglomerating, molding, or shaping machines, and parts, n.e.c. | ..... | 428 | SWXYZ | — | — | — | 100 | B |
| 71851 Equipment for mixing or forming minerals, and accessory equipment as follows: buggies; concrete floor finishing machines; cutting machines, *except powder cutting;* grout mixers; plaster and mortar mixers; and rotary finishers; and parts. | ..... | 408 | SYZ | — | — | — | — | B |
| 71851 Briquetting presses, and other brick, tile, household ceramic, and concrete products manufacturing machines, n.e.c.; and parts, n.e.c. | ..... | 408 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Floating dredgers (Schedule B No. 735.5060) require export authorization from the U. S. Maritime Administration. See paragraph 370.5(e).

[2] Report complete dredging machines, ditchers, trenchers, logging sulkies and logging arches (assembled or unassembled) in "number."

[3] Report attachments for mounting on tractors (dozers, backhoes, rippers, etc.), and complete machines (exclusive of attachments) in "number."

[4] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71851** Other mineral crushing, sorting, washing, mixing, forming and similar machines, and parts, n.e.c. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |
| **71852** Glassworking machinery and equipment (specify by name) as follows: (a) specially designed for the manufacture of electron tubes or semi-conductor devices and parts and subassemblies thereof (Export Control Commodity No. 72930), which are subject to the Import Certificate/Delivery Verification procedure, (b) specially designed for the manufacture of silicon transistors, or (c) for automatic or semi-automatic assembly and/or sorting of electronic equipment and parts and sub-assemblies thereof, *except standard equipment designed for exhaust sealing and gettering of standard entertainment type 7-pin miniature and 9-pin noval tubes;* and specially designed parts and accessories n.e.c.[2] | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71852** Standard equipment designed for automatic exhaust sealing and gettering of standard entertainment type 7-pin miniature and 9-pin noval tubes; and specially designed parts and accessories, n.e.c. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71852** Other machines (specify by name), *capable of:* (a) manufacturing components for electron tubes, transistors, or crystal diodes; or (b) assembling electron tubes, or components or subassemblies therefor; and specially designed parts and accessories, n.e.c. [Report machines for assembling transistors or crystal diodes in Export Control Commodity No. 71980.] | ..... | 411 | STVWXYZ | — | 500 | 100 | — | |
| **71852** Other glass-working machinery, n.e.c.; and machines for assembling electric filament and discharge lamps; and parts, n.e.c. | ..... | 418 | SXYZ | — | — | — | 100 | B |
| **71911** Electrolytic cells for the production of fluorine, with a production capacity greater than 250 grams of fluorine per hour (specify by name); and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71911** Other electrolytic cells, n.e.c. (specify by name); and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71911** Acetylene gas generating apparatus, unitized; and parts. | ..... | 418 | SZ | — | — | — | — | B |
| **71911** Other gas generators, and parts..... | ..... | 418 | SXYZ | — | — | — | 100 | B |
| **71912** Air-conditioning machines, self-contained. [Report parts in Export Control Commodity No. 71915.] | No. | 418 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete machines in "number."

[2] For export control purposes: (a) the term "automatic" refers to machinery not requiring the assistance of a human operator to complete its function or functions during each complete cycle of operations; (b) the term "semi-automatic" refers to machinery requiring the assistance of a human operator to complete part but not all of its functions during each complete cycle of operations; and (c) the term "functions" in (a) and (b) above does not include the initial loading or final unloading of material from the machine.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71913** Oil and gas burners for continuous combustion controlled reaction type carbon black furnaces; and specially designed parts and attachments. | .....[1] | 402 | SVWXYZ | — | — | — | — | |
| **71913** Oil burners, ceramic cup type; and gas combustion burners, ceramic cup type; and specially designed parts and attachments. | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |
| **71913** Other burners for carbon black furnaces; and parts and attachments, n.e.c. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |
| **71913** Other oil and gas furnace burners; mechanical stokers; ash dischargers; mechanical grates; and parts and attachments, n.e.c. | .....[1] | 408 | SZ | — | — | — | — | B |
| **71914** Carbon black furnaces, continuous combustion, controlled reaction type; and specially designed parts and attachments. | .....[2] | 402 | SVWXYZ | — | — | — | — | |
| **71914** Non-electric industrial furnaces or heaters of the following types: (a) cylindrical having a suspended deflecting cone, (b) radiant wall employing multiple independently controlled ceramic cup burners, or (c) metal heat-treating; and specially designed parts and attachments. | .....[2] | 408 | SWXYZ | — | — | — | 100 | B |
| **71914** Bakery ovens, nonelectric, and parts... | ..... | 418 | SZ | — | — | — | — | B |
| **71914** Other non-electric furnaces, ovens and kilns; and parts and attachments. | .....[2] | 408 | SXYZ | — | — | — | 100 | B |
| **71915** Commercial refrigeration equipment, mechanically operated, capable of maintaining temperatures below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. | .....[3] | 412 | STVWXYZ | — | 500 | 500 | — | |
| **71915** Cryogenic refrigeration equipment specially designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.), *and* (a) designed for use in marine, airborne or space applications, (b) ruggedized for mobile ground use, or (c) designed to maintain operating temperatures for electrical, magnetic or electronic equipment or components; and specially designed parts therefor. | .....[3] | 231 | STVWXYZ | — | 500 | 500 | — | A |
| **71915** Cryogenic refrigeration equipment consisting of, or containing as components thereof, jacketed containers for storage or transportation at temperatures below minus 274°F. (minus 170°C.) with multi-laminar type insulation under vacuum; and specially designed parts, n.e.c. | .....[3] | 231 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report oil and gas burners in "number."

[2] Report complete furnaces and ovens (assembled or unassembled) in "number."

[3] Report complete refrigerating units (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71915** Other refrigeration equipment specially designed for use of liquefied gases as a coolant, capable of creating or maintaining temperatures of below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. | .....[1] | 232 | STVWXYZ | — | 500 | 500 | — | |
| **71915** Air conditioners, for aircraft; and specially designed parts. | .....[1] | 418 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| **71915** Ice-making machines; soda fountain and beer dispensing equipment; commercial type refrigerators and freezers, *except walk-in coolers, blood, bone, and tissue bank freezers, and equipment capable of maintaining temperatures below minus 202° F. (minus 130° C.)*; and unit coolers and product coolers, with fans, for refrigeration; and parts therefor, *except compressors and condensing units (compressor with condenser)*. | .....[1] | 418 | SZ | — | — | — | — | B |
| **71915** Other airconditioning and refrigerating equipment; and parts, n.e.c., including parts for self-contained air-conditioning machines. [Report compressors in Export Control Commodity No. 71922.] | .....[1] | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71919** Process vessels specially designed for chemically processing radioactive material; and specially designed parts and accessories, n.e.c. (Specify name of vessel and give full specifications.) | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **71919** Other machines and equipment, n.e.c., specially designed for use in processing of irradiated nuclear materials to isolate or recover fissionable materials; and specially designed parts and accessories, n.e.c. (Specify name of machine or equipment and give full specifications.) [Report counter-current solvent extractors and centrifuges in Export Control Commodity No. 71923; and fuel chopping, disassembling, and dejacketing machines in No. 71980.] | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **71919** Electron ovens; and parts..... | .....[2] | 608 | SYZ | — | — | — | — | B |
| **71919** Other commercial type cooking and food warming equipment, electric; and parts. | .....[2] | 608 | SZ | — | — | — | — | B |
| **71919** Commercial type cooking and food warming equipment, nonelectric; and parts. | .....[2] | 218 | SZ | — | — | — | — | B |
| **71919** Machines and equipment specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. | .....[2] | 418 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete machines, air conditioners, refrigerators, condensing units or refrigerating units (assembled or unassembled) in "number."

[2] Report complete machines, ovens, and equipment (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71919 Cane and maple sirup evaporators; crop dryers; forage dehydrators; and tobacco curers; and parts. | ..... | 208 | SYZ | — | — | — | — | B |
| 71919 Sugar mill machines for processing by means of a change in temperature (for example, driers, evaporators, sugar extraction calorizators and carbonation vats); and parts. | .....[1] | 418 | SYZ | — | — | — | — | B |
| 71919 Machines for processing by means of a change in temperature for other food products industries; and parts. | .....[1] | 418 | SZ | — | — | — | — | B |
| 71919 Heat exchangers made of aluminum, copper, nickel, or alloys containing more than 60 percent nickel, or combinations of these metals as clad tubes, designed to operate at sub-atmospheric pressure, with a leak rate of less than $10^{-4}$ atmospheres per hour under a pressure differential of 1 atmosphere (specify type of metal and operation specifications); and specially designed parts. [Report heat exchangers for steam generating power boilers in Export Control Commodity No. 71120.] | .....[2] | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71919 Heat exchangers, oil coolers and liquid coolers specially designed for aircraft; and parts. | .....[2] | 438 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| 71919 Equipment specially designed for the production in liquid form of air, oxygen, nitrogen, and/or argon and producing one ton or more per day of gas in liquid form, *except equipment for plants not capable of producing more than 25 percent of their total daily product as extractable gas in liquid form;* and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71919 Equipment for the production of liquid hydrogen, *except plants with a capacity of less than 1½ tons per 24-hour day and not designed for, or capable of, the production of hydrogen slush;* and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71919 Equipment specially designed for the production of liquid hydrogen and producing 1 ton but less than 1½ tons per day of gas in liquid form, *except equipment for plants not capable of producing more than 25 percent of their total daily product as extractable gas in liquid form;* and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| 71919 Other liquid oxygen or liquid nitrogen production equipment, mobile; and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | 500 | — | |
| 71919 Equipment specially designed for use in production of nitric acid of 98 percent or higher concentration, or for the concentration | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete machines (assembled or unassembled) in "number."

[2] Report heat exchangers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| of nitrogen tetroxide and/or nitric oxides or mixtures thereof; and specially designed parts and accessories, n.e.c. | | | | | | | | |
| **71919** Equipment specially designed for the production and/or concentration of deuterium oxide; and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71919** Equipment for the production of liquid fluorine; and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71919** Equipment for the separation of helium from natural gases; and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71919** Equipment for the production of liquid helium, *except equipment which has a capacity of no more than 20 liters per hour;* and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71919** Industrial processing vessels, non-mixing, n.e.c., specially designed for use in the following unit operations: (a) solvent processing, (b) fractionating, rectifying and dephlegmatizing, (c) hydrogenation, (d) dehydrogenation, (e) isomerization, (f) polymerization, (g) aromatization, (h) alkylation, (i) desulphurization, and (j) thermal and catalytic cracking, reforming or platforming; and specially designed parts and accessories therefor, n.e.c. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71919** Fractionating columns having, or having provisions for, 25 or more trays; and specially designed parts. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71919** Other fractionating columns, heat exchangers and processing vessels having *all* flow-contact surfaces *made of or lined with any* of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined, (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined, (c) 13 percent or more silicon, (d) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, or (ii) chromium and tungsten combined, or (iii) chromium, molybdenum, or tungsten combined, (e) 2.5 percent or more nickel, (f) fluoro and/or silico resins, (g) glass (acid-, heat-, or shock-resistant), (h) ceramics, (i) carbon, (j) graphite, or (k) acid/heat resistant cement; and specially designed parts therefor. [Report heat exchangers for steam generating power boilers in Export Control Commodity No. 71120.] | .....[1] | 418 | SWXYZ | — | — | — | 100 | B |
| **71919** Sterilizers and autoclaves, dental, medical, surgical and laboratory. | ..... | 628 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report condensing units and heat exchangers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71919 Pulp and paper mill machines, and rubber processing machines for processing by means of a change in temperature; and parts, n.e.c. | ..... | 418 | SYZ | — | — | — | — | B |
| 71919 Asphalt heating kettles; and bituminous heaters; and parts, n.e.c. | ..... | 408 | SZ | — | — | — | — | B |
| 71919 Other machines and equipment for processing materials by means of a change in temperature, for the special use of an individual industry, *except vegetable oil machines and tobacco processing machines;* and parts, n.e.c. | ..... | 418 | SXYZ | — | — | — | 100 | B |
| 71919 Other machines and equipment, other than domestic, for treatment of materials by a process involving a change in temperature; and parts, n.e.c. | .....[1] | 411 | SZ *and* East Germany | — | — | — | — | B |
| **Pumps for liquids, and parts:** | | | | | | | | |
| 71921 Industrial pumps having *all* flow-contact surfaces *made of any* of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium, either separately or combined, (b) 50 percent or more cobalt or molybdenum, either separately or combined, (c) polytetrafluoroethylene, or (d) polychlorotrifluoroethylene. (Specify metal content in percent.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71921 Pumps specially designed for operation at temperatures below minus 274° F. (minus 170° C.), *except pumps with a flow rate of 100 gallons per minute or less designed to operate at temperatures above minus 328° F. (minus 200° C.).* (Specify designed operating temperatures and gpm.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71921 Vertically shafted centrifugal pumps, glandless, hermetically sealed (canned) type or mechanical pressurized sealed type, having *all* flow contact surfaces *made of or lined with* 10 percent or more nickel and/or chromium *and* rated at 50 kilowatts or more; and parts and attachments, n.e.c. (Give full specifications.) | .....[2] | 402 | STVWXYZ | — | 500 | — | — | |
| 71921 Other centrifugal pumps, glandless, hermetically-sealed (canned) type, having *all* flow-contact surfaces *made of* 10 percent or more chromium or nickel, either separately or combined. (Identify type and specify metal content in percent.) | No. | 402 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] Report condensers and heat exchangers in "number."
[2] Report complete pumps (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71921** Pumps designed to move molten metals by electro-magnetic forces. (Specify type and that pumps are so designed.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| **71921** Other centrifugal pumps having either of the following characteristics: (a) designed to deliver at pressures of 1000 psi or over *and* to operate at temperatures of 350° F. and over; or (b) designed for an internal pump-case working pressure of over 300 psi *and* a power input greater than 1,000 horsepower. (Give specifications and type pump.) | No. | 402 | SVWXYZ | — | — | — | — | |
| **71921** Other pumps designed to deliver at pressures of 1,000 psi and over *and* to operate at temperatures of 350° F. and over. (Specify designed delivery pressure and operating temperature.) | No. | 402 | SVWXYZ | — | — | — | — | |
| **71921** Slush (mud) pumps reciprocating type, designed to deliver at pressures of 1,000 psi or over *and* requiring a drive rated 200 horsepower or over. (Specify delivery pressure and horsepower.) | No. | 402 | SVWXYZ | — | — | — | — | |
| **71921** Oilfield production (bottom hole) pumps. | No. | 402 | SVWXYZ | — | — | 500 | — | E–12 |
| **71921** Other centrifugal pumps designed to operate at speeds of 7,000 rpm or over *and* to produce pressures of 800 psi or over *and* having all flow-contact surfaces *made of* 10 percent or more chromium or nickel, either separately or combined; and specially designed parts and attachments therefor. | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |
| **71921** Other pumps specially designed for use in the processing of petroleum, petrochemicals, natural gas, or their fractions; and specially designed parts and attachments therefor. | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |
| **71921** Other pumps having *all* flow-contact surfaces *made of or lined with any* of the following materials: (a) 50 percent or more nickel or tungsten either separately or combined; (b) 13 percent or more silicon; (c) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, (ii) chromium and tungsten combined, or (iii) chromium, molybdenum, or tungsten combined; (d) 2.5 percent or more nickel; (e) fluoro and/or silico resins; (f) glass (acid-, heat-, or shock-resistant); (g) ceramics; (h) carbon; (i) graphite; or (j) acid/heat resistant cement; and specially designed parts and attachments therefor. | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete pumps (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71921 Other pumps designed to operate at temperatures below minus 202° F. (minus 130° C.). (Specify designed operating temperatures.) | No. | 408 | SWXYZ | — | — | — | 100 | B |
| 71921 Pumps specially designed for aircraft (fuel, fuel booster, hydraulic, water, etc.); and parts and attachments, n.e.c. | .....[1] | 438 | SWXYZ *and* Rep.So. Africa | — | — | — | 100 | B |
| 71921 Fuel pumps specially designed for automotive vehicles and trucks; and parts, n.e.c. | .....[1] | 438 | SXYZ | — | — | — | 100 | B |
| 71921 Hand pumps; windmill pumps; self-contained household water systems; service station pumps; and measuring and dispensing pumps designed for fuels and lubricants; and parts and attachments n.e.c. | .....[1] | 408 | SZ | — | — | — | — | B |
| 71921 Pump parts and attachments wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (See § 399.2, Interpretation 22.) | ..... | 401 | STVWXYZ | — | 500 | 100 | — | A |
| 71921 Pump parts and attachments wholly made of polyvinyl fluoride. | ..... | 402 | STVWXYZ | — | 500 | 100 | — | |
| 71921 Parts and attachments specially designed for pumps under Export Control Commodity No. 71921 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 401 | STVWXYZ | — | 500 | 100 | — | A |
| 71921 Parts and attachments specially designed for other pumps under Export Control Commodity No. 71921 which require a validated license to all destinations but which are not subject to the Import Certificate/Delivery Verification procedure. | ..... | 402 | STVWXYZ | — | 500 | 100 | — | |
| 71921 Parts and attachments specially designed for pumps under Export Control Commodity No. 71921 which require a validated license to all destinations other than T destinations. | ..... | 408 | SVWXYZ | — | — | 500 | — | |
| 71921 Other pumps for liquids, and parts and attachments, n.e.c. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |
| **Pumps for gases; air or gas compressors; fans and blowers, *excluding household fans*; and parts:** | | | | | | | | |
| 71922 Cryopump systems (that is, systems in which the circulation of liquefied gas is used to achieve a vacuum—static or dynamic—by lowering the temperature of the environment). | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| 71922 Diffusion vacuum pumps rated for unbaffled pumping speeds of more than 50,000 liters of nitrogen per second at pressures of $10^{-4}$ mm. of mercury or less. | No. | 411 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete pumps (assembled or unassembled) in "number."



68-000 O - 67 - 9 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71922** Turbo-molecular pumps having a capacity higher than 2,000 liters of nitrogen per second. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| **71922** Ion vacuum pumps having speeds of 800 or more liters of hydrogen per second at pressures of $10^{-4}$ mm. of mercury or more. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| **71922** Other ion vacuum pumps; and specially designed parts and attachments, n.e.c. | .....[1] | 412 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **71922** Other diffusion vacuum pumps, 12 inches in diameter and larger (diameter measured inside the barrel at the inlet jet). | No. | 412 | STVWXYZ | — | 500 | — | — | |
| **71922** Vacuum pumps, air compressors, fans, and blowers specially designed for aircraft; and parts and attachments therefor. | .....[1] | 438 | SWXYZ *and* Rep.So. Africa | — | — | — | 100 | B |
| **71922** Vacuum pump parts and attachments wholly made of fluorocarbon polymers or copolymers.[2] | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71922** Parts and attachments specially designed for vacuum pumps under Export Control Commodity No. 71922 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71922** Other parts and attachments, n.e.c., specially designed for diffusion vacuum pumps of 12 inches in diameter or larger (diameter measured inside the barrel at the inlet jet). | ..... | 412 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **71922** Other vacuum pumps, and parts and attachments, n.e.c. | .....[1] | 418 | SYZ | — | — | — | — | B |
| **71922** Compressors and blowers (turbo, centrifugal, and axial flow types) having a designed capacity of 60 cfm or more *and* all flow-contact surfaces *made of* aluminum, nickel, or alloy containing 60 percent or more nickel; and specially designed parts and attachments. (Specify cfm capacity, discharge pressure, kind of metal, and if nickel alloy, state percentage of nickel content.) | .....[1] | 401 | STVWXYZ | — | 500 | 500 | — | A |
| **71922** Centrifugal and axial flow compressors and blowers capable of: (a) an overall compression ratio of 2:1 or more coupled with a capacity of over 372,000 cubic feet per minute, or (b) an overall compression ratio of 3:1 or more coupled with a capacity of over 106,000 cubic feet per minute; and specially designed parts and accessories, n.e.c. | .....[1] | 402 | STVWXYZ | — | 500 | 500 | — | |
| **71922** Compressors for jet, turbo-prop, and turbo-shaft aircraft engines under Export Control Commodity No. 71142 which are subject to the Import Certificate/Delivery Verification | .....[1] | 431 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete pumps, compressors, fans, and blowers (assembled or unassembled) in "number."

[2] See § 399.2, Interpretation 22.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| procedure; and parts. (Specify make, model, and horsepower of engine.) | | | | | | | | |
| 71922 Other compressors for other jet, turboprop, turbo-shaft, and gas turbine aircraft engines under Export Control Commodity No. 71142 which are not subject to the Import Certificate/Delivery Verification procedure. (Specify make, model, and horsepower of engine.) | .....[1] | 432 | STVWXYZ | — | 500 | — | — | E-2 |
| 71922 Other compressors and blowers capable of receiving a power input greater than 2,000 horsepower *and* designed for a discharge greater than 300 psi; and specially designed parts and accessories, n.e.c. (Specify horsepower and discharge pressure.) | .....[1] | 402 | SVWXYZ | — | — | 500 | — | |
| 71922 Compressors and blowers capable of receiving a power input of 500 but not greater than 2,000 horsepower *and* specially designed for use in the processing of petroleum, petrochemicals, natural gas or their fractions; and specially designed parts and attachments. (Specify horsepower.) | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |
| 71922 Other reciprocating compressors over 125 horsepower and all other centrifugal, axial flow and mixed flow compressors and blowers having *all* flow-contact surfaces *made of or lined with any* of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined, (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined, (c) 13 percent or more silicon, (d) steel alloys containing more than 3 percent of (i) chromium and molybdenum combined, (ii) chromium and tungsten combined, or (iii) chromium, molybdenum, and tungsten combined; (e) 2.5 percent or more nickel, (f) fluoro and/or silico resins, (g) glass (acid-, heat-, or shock-resistant), (h) ceramics, (i) carbon, (j) graphite, or (k) acid/heat resistant cement; and specially designed parts and attachments. | .....[1] | 408 | SWXYZ | — | — | — | 100 | B |
| 71922 Compressors, refrigeration and air-conditioning type, ½ horsepower and under; and parts, n.e.c. | .....[1] | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71922 Compressors, refrigeration and air-conditioning type, over ½ horsepower, and parts, n.e.c. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |
| 71922 Other blowers, compressors and fans; and parts and attachments. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete compressors, fans, and blowers (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71923** Counter-current solvent extractors specially designed for the extraction of radioactive substances (for example, pulsed columns and mixer-settlers made of stainless steel); and specially designed parts. | ..... | 411 | *STVWXYZ | — | 500 | — | — | A |
| **71923** Equipment for filtering, purifying, separating or treating radioactive impurities from nuclear reactor coolant; and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | — | — | |
| **71923** Gas centrifuges capable of the enrichment or separation of isotopes; and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71923** Centrifugal counter-current solvent extractors; and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | 500 | — | |
| **71923** Other centrifuges, power-driven, bowl type, with all product contact surfaces of aluminum, nickel, or alloy containing 60 percent or more nickel; and parts. (Specify by name; and specify kind of metal and, if nickel alloy, state percentage of nickel content.) | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71923** Centrifuge bowls, *wholly made of or lined with* aluminum, nickel, or alloy containing 60 percent or more nickel; and parts. (Specify by name and specify kind of metal and, if nickel alloy, state percentage of nickel content.) | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71923** Separators and collectors specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71923** Oil and gas separators other than field production units; and specially designed parts. [Report separators, for oil and gas field production units in Export Control Commodity No. 71931.] | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71923** Petroleum dehydrators, and petroleum desalters; and specially designed parts. | ..... | 412 | SVWXYZ | — | — | 100 | — | |
| **71923** Water purifiers, water softeners, water filters, and other filtering, purifying, and separating machines for water treatment and sewage disposal; and specially designed parts. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| **71923** Centrifugal extractors, designed for commercial laundries, and parts, n.e.c.; Centrifix type RW line purifiers®; and Dri-Air units. | .....[1] | 418 | SZ | — | — | — | — | B |
| **71923** Laboratory centrifuges, n.e.c., and parts, n.e.c. | ..... | 628 | SZ *and* East Germany | — | — | — | — | B |
| **71923** Other centrifuges, and other filtering and purifying machines for liquids, air, and gases; and parts, n.e.c. | ..... | 418 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] Report centrifugal extractors in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71931 Military type integral tractor-shovel loaders.[1] | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 71931 Nonmilitary type integral tractor-shovel loaders, 135 horsepower and over. (Specify as nonmilitary, whether wheel or tracklaying type, and horsepower.)[2] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| 71931 Parts, n.e.c., specially designed for military type integral tractor-shovel loaders.[1] (Specify as military.) [Report attachments in Export Control Commodity No. 71842.] | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| 71931 Parts, n.e.c., *except cabs and cab guards (canopy tops)*, specially designed for nonmilitary type integral tractor-shovel loaders of 135 horsepower and over. (Specify as nonmilitary, whether wheel or tracklaying type, and horsepower.) [Report attachments in Export Control Commodity No. 71842.][2] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-11 |
| 71931 Oilfield derricks, platforms, and substructures; casinghead and christmas tree assemblies less than 2,000 psi; and specially designed parts, n.e.c. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| 71931 Other oil and gas field equipment, n.e.c.; and specially designed parts and accessories, n.e.c. (Specify by name.) [Report rotary well drilling machines and parts in Export Control Commodity No. 71842, and if truck mounted in No. 73203; report oil and gas separators other than field production units in No. 71923.] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-12 |
| 71931 Overhead hoists, pendant type; casket lowering devices; and fishing boat winches; and parts and attachments, n.e.c. | .....[3] | 408 | SZ | — | — | — | — | B |
| 71931 Automobile lifts; jacks for automotive vehicles or aircraft; and parts, n.e.c. | .....[3] | 438 | SZ *and* East Germany | — | — | — | — | B |
| 71931 Construction jacks, and drill jacks; and parts, n.e.c. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| 71931 Other hand-operated, mechanical and hydraulic jacks; and parts, n.e.c. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71931 Farm elevators; and parts, n.e.c..... | ..... | 208 | SZ *and* East Germany | — | — | — | — | B |
| 71931 Elevators and moving stairways; and parts, n.e.c. | .....[3] | 408 | SZ *and* East Germany | — | — | — | — | B |
| 71931 Other lifting, loading, and conveying machines and equipment; and parts and attachments, n.e.c.[4] | .....[3] | 408 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Possessing or built to current military specifications differing materially from normal commercial specifications.

[2] For export control purposes, the horsepower rating to be used is the horsepower that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed as measured at the flywheel, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[3] Report complete machines or devices (assembled or unassembled) in "number."

[4] Export authorization is required from the U.S. Department of State for launching, arresting, and recovery equipment for military aircraft. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71932** Military type industrial tractors and lift trucks.[1] | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| **71932** Nonmilitary type industrial tractors and lift trucks powered by internal combustion engine, 135 horsepower and over. (Specify as nonmilitary, whether tractor or lift truck, and horsepower.)[2] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| **71932** Parts specially designed for military type industrial tractors and lift trucks.[1] | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| **71932** Parts and accessories, *except cabs and cab guards (canopy tops)*, specially designed for nonmilitary industrial tractors and lift trucks of 135 horsepower and over. (Specify whether for tractor or lift truck, and horsepower.)[2] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-11 |
| **71932** Other industrial trucks, tractors and portable elevators of a kind used for moving goods in plants, railway stations and similar installations; and parts. | .....[3] | 408 | SXYZ | — | — | — | 100 | B |
| **71941** Butter churns, farm type; and parts... | ..... | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| **71941** Other domestic food-processing appliances, nonelectric; and parts. | ..... | 218 | SZ | — | — | — | — | B |
| **71942** Condensers and evaporators for nonelectric domestic refrigerators; and parts. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| **71942** Domestic type refrigerators and freezers, nonelectric; and parts, *except condensers and evaporators, and parts therefor.* | ..... | 218 | SZ | — | — | — | — | B |
| **71943** Domestic water heaters, nonelectric; and parts. | .....[4] | 218 | SZ | — | — | — | — | B |
| **71951** Optical curve generators capable of producing aspherical curves without the use of mating surfaces. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71951** Cutting machines for ceramics and similar nonmetallic materials, *except quartz crystal, masonry or stone.* | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71951** Other machines, n.e.c., for working asbestos-cement, ceramics, concrete, quartz crystals, masonry, stone (including artificial, precious and semiprecious stones), and similar mineral materials. [Report parts in Export Control Commodity No. 71954.] | ..... | 408 | SZ *and* East Germany | — | — | — | — | B |
| **71952** Sawmill machines and equipment, and other woodworking machines, including machines for working cork. | .....[3] | 418 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Possessing or built to current military specifications differing materially from normal commercial specifications.

[2] For export control purposes, the horsepower rating to be used is the horsepower that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed as measured at the flywheel, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

[3] Report complete machines or devices (assembled or unassembled) in "number."

[4] Report gas water heaters in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71952 Wood preparation equipment for the paper industry. | ..... | 418 | SYZ | — | — | — | — | B |
| 71952 Other machines, n.e.c., for working bone, ebonite, hard plastics, and other hard carving materials. [Report parts in Export Control Commodity No. 71954.] | No. | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71953 Portable drilling machines, pneumatic or hydraulic, capable of tapping steel line pipe of a size greater than 19 inches o.d. without interruption of flow; and specially designed parts and attachments. | .....[1] | 422 | SVWXYZ | — | — | — | — | |
| 71953 Power operated nonelectric hand tools, metalworking; and parts and attachments. | .....[1] | 428 | SWXYZ | — | — | — | 100 | B |
| 71953 Pneumatic nailers; and pneumatic stapler guns; and parts and attachments. | .....[1] | 218 | SYZ | — | — | — | — | B |
| 71953 Hydraulic vibrators: lubricating equipment, force-feed, pneumatic; hand-held chain saws, powered, and other power-operated nonelectric woodworking hand tools; and parts and attachments. | .....[1] | 418 | SZ | — | — | — | — | B |
| 71953 Other power-operated nonelectric hand tools; and parts and attachments. | .....[1] | 408 | SXYZ | — | — | — | 100 | B |
| 71954 Grinding heads and spindle assemblies for grinding machines designed or rated for operation at speeds in excess of 120,000 r.p.m., *except for hand-held tools.* | ..... | 421 | STVWXYZ | — | 500 | — | — | A |
| 71954 Other grinding heads and spindle assemblies for grinding machines designed or rated for operation at speeds in excess of 80,000 r.p.m. | ..... | 422 | STVWXYZ | — | 500 | 250 | — | |
| 71954 Parts, accessories, and attachments specially designed for electron beam machines, *except equipment using the "sparking" technique.* | ..... | 601 | STVWXYZ | — | 500 | — | — | A |
| 71954 Military type jigs, fixtures, and plate metalworking accessories; and specially designed parts. | ..... | 421 | STVWXYZ | — | 500 | 100 | — | A |
| 71954 Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71954 Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) requiring a validated license to all countries, except Canada, but not subject to the Import Certificate/Delivery Verification procedure. | ..... | 422 | STVWXYZ | — | 1,000 | 1,000 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete machines, rock drills, and other tools (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71954** Parts, accessories, and attachments specially designed for other metalworking machines and machine tools (Export Control Commodity No. 71510) requiring a validated license to all destinations except Country Group T destinations. | ..... | 422 | SVWXYZ | — | — | 1,000 | — | |
| **71954** Parts, accessories, and attachments for single-spindle automatic chucking lathes and single-spindle between-center lathes. | ..... | 428 | SXYZ | — | — | — | 100 | B |
| **71954** Parts, accessories, and attachments for metal-polishing and buffing machines, manually operated bench and floor types. | ..... | 428 | SZ | — | — | — | — | B |
| **71954** Parts, accessories and attachments for (a) bonding machines for applying fins on tubing, and (b) axle straighteners. | ..... | 428 | SXYZ | — | — | — | 100 | B |
| **71954** Other parts, accessories, and attachments for other metalworking machines and machine tools (Export Control Commodity No. 71510). | ..... | 428 | SWXYZ | — | — | — | 100 | B |
| **71954** Parts, accessories, and attachments for cutting machines for ceramics and similar nonmetallic materials, *except glass, quartz crystal, masonry or stone.* | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71954** Parts, accessories and attachments for wood preparation equipment for the paper industry. | ..... | 418 | SYZ | — | — | — | — | B |
| **71954** Parts, accessories and attachments for saw-mill machines and equipment, and other woodworking machines, including machines for working cork. | ..... | 418 | SZ | — | — | — | — | B |
| **71954** Parts, accessories and attachments for other machines for working asbestos-cement, ceramics, concrete, quartz crystals, masonry, stone (including artificial, precious and semiprecious stones), and similar mineral materials. | ..... | 408 | SZ *and* East Germany | — | — | — | — | B |
| **71954** Parts, accessories and attachments for other machines for working bone, ebonite, hard plastics, and other hard carving materials. | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71961** Calendering machines and similar rolling machines for textile machines; and parts, n.e.c. | ..... | 418 | SZ | — | — | — | — | B |
| **71961** Calendering machines and similar rolling machines, n.e.c., and parts, n.e.c., as follows: (a) for paper-industries machines, and (b) for rubberworking machines. | ..... | 418 | SYZ | — | — | — | — | B |
| **71961** Other calendering machines and similar rolling machines n.e.c.; and parts. | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71962** Dishwashing machines; bottling machines (washing, filling, closing, labeling); and | .....[1] | 418 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete machines (assembled or unassembled) in "number," except tobacco packaging and wrapping machines.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| canning, packaging, wrapping, filling and sealing machines; and parts and attachments, n.e.c. | | | | | | | | |
| 71963 Postaletts®; and household and person weighing scales, including coin-operated. | No. | 218 | SZ | — | — | — | — | B |
| 71963 Other weighing machines and scales, n.e.c. | No. | 218 | SYZ | — | — | — | — | B |
| 71963 Lead scale weights for weighing machines. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71963 Other parts and accessories, n.e.c., for scales. | ..... | 218 | SZ | — | — | — | — | B |
| 71964 Hydra-blast parts cleaners, and parts therefor; and windshield washer sets. | ..... | 438 | SZ *and* East Germany | — | — | — | — | B |
| 71964 Foundry blast cleaning machines and other metal cleaning machines; and parts, n.e.c. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| 71964 Sprayers and dusters, agricultural and pesticidal, *except lawn sprinklers;* and parts, n.e.c., *except nozzles.* | .....[1] | 208 | SZ *and* East Germany | 500 | — | — | — | B |
| 71964 Chemical fire extinguishers; and automatic fire sprinkler systems; and parts, n.e.c. | ..... | 628 | SZ | — | — | — | — | B |
| 71964 Paint spraying machines; and street flushing units for truck mounting; and parts, n.e.c. | ..... | 418 | SZ | — | — | — | — | B |
| 71964 Spray nozzles, other than industrial, of metal, *except copper base alloy;* spray nozzles of rubber; sand blast nozzles of high alumina ceramics; and lawn sprinklers. | .....[2] | 218 | SZ | — | — | — | 100 | B |
| 71964 Other spray nozzles of metal..... | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71964 Other sprayers and spraying equipment, n.e.c.; and parts, n.e.c. | ..... | 418 | SZ *and* East Germany | — | — | — | — | B |
| 71965 Automatic merchandising machines, mechanically refrigerated; and parts. | .....[3] | 418 | SZ | — | — | — | — | B |
| 71965 Automatic merchandising machines, not mechanically refrigerated; and parts. | .....[3] | 218 | SZ | — | — | — | — | B |
| 71966 Railway track fixtures and fittings, n.e.c. | ..... | 268 | SZ | — | — | — | — | B |
| 71966 Railway mechanically operated signalling and controlling equipment, n.e.c. | ..... | 408 | SXYZ | — | — | — | 100 | B |
| 71970 Ball bearings and cylindrical roller bearings with inner bore diameter of 10 millimeters or less, having tolerances of BEC 5 or closer (for example, BEC 5, 7, or 9) *and* having either or both of the following characteristics: (a) rings, balls or rollers made from any material, *except SAE 52100 steel, SAE 4615 steel, or low carbon steel containing 0.06* | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.
® Trademark registered in the Patent Office of the United States.
[1] Report complete sprayers, and dusters (assembled or unassembled) in "number."
[2] Report lawn sprinklers in "number."
[3] Report complete machines (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *up to and including 0.18 percent carbon*, or (b) designed for use at normal operating temperatures over 302° F. (150° C.) (specify tolerance); and specially designed parts.[1] | | | | | | | | |
| **71970** Ball and roller bearings specially designed for service at temperatures below minus 130° C. (minus 202° F.); and specially designed parts. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71970** Ball bearings and cylindrical roller bearings, *except separable ball bearings and thrust ball bearings*, with inner bore diameter exceeding 10 millimeters, having tolerances of BEC 7 or closer *and* having either of the following characteristics: (a) rings, balls or rollers made from any material *except SAE 52100 steel, SAE 4615 steel, or low carbon steel containing 0.06 up to and including 0.18 percent carbon*, or (b) designed for use at normal operating temperatures over 302° F. (150° C.) (specify tolerance); and specially designed parts.[1] | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71970** Other ball and cylindrical roller bearings having tolerances of BEC 5 or closer (specify tolerance); and specially designed parts.[1] | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71970** Tapered, spherical or thrust roller bearings with inner bore diameter above 400 millimeters (specify type and inner bore diameter); and specially designed parts. | ..... | 412 | STVWXYZ | — | 500 | 100 | — | E–9 |
| **71970** Other ball and roller bearings, aircraft type; and specially designed parts. | ..... | 418 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| **71970** Other ball and roller bearings with inner bore diameter 10 mm. and under or 200 mm. and over; and specially designed parts. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71970** Other ball and roller bearings; and parts. (Specify inner bore diameter and tolerances.) | ..... | 418 | SXYZ | — | — | — | 100 | B |
| **71980** Concrete and bituminous pavers, finishers, and spreaders; and parts and accessories, n.e.c. | ..... | 408 | SZ *and* East Germany | — | — | — | — | B |
| **71980** Electron beam equipment for the deposition of thin film, the coating of thin film, or the working thereof, *except equipment using the "sparking" technique; or continuous vacuum roll coating machines having a voltage not in excess of 20 kilovolts, having a fixed electron beam gun and no accurate control of the thickness of the deposited layer;* and specially designed parts. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Tolerances based on standards as adopted by the Anti-Friction Bearing Manufacturers' Association. If the exporter does not know whether a shipment of bearings has these tolerances, the manufacturer of the bearings will be able to provide the information.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71980 Metal finishing, and coating machines, n.e.c.; and parts. | ..... | 428 | SWXYZ | — | — | — | 100 | B |
| 71980 Nuclear reactor fuel chopping, disassembling, or dejacketing machines; and specially designed parts and accessories, n.e.c. (Give full specifications.) | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| 71980 Machines for applying insulating separators to the inner conductor of air spaced coaxial electric cable; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for applying metal strip or sheet to form the outer conductor of coaxial electric cable; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for forming, stranding, or assembling coaxial cable, with or without conductors other than coaxial tubes; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for applying insulating material to conductors over 0.9 mm. in diameter of multipair electric telecommunication cables; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for applying insulating material to conductors 0.9 mm. or less in diameter of multipair electric telecommunication cables; and specially designed parts and accessories, n.e.c. | ..... | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71980 Machines for laying together conductors over 0.9 mm. in diameter for multipair telecommunication cables and/or applying insulating, separating, binding, or identifying material thereto; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for laying together conductors 0.9 mm. or less in diameter for multipair telecommunication cables and/or applying insulating, separating, binding, or identifying material thereto; and specially designed parts and accessories, n.e.c. | ..... | 422 | STVWXYZ | — | 500 | 500 | — | |
| 71980 Machines for laying together conductors over 0.9 mm. in diameter (pairs, quads, etc.) to form complete cable core or a part thereof; and specially designed parts and accessories, n.e.c. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machines for laying together conductors 0.9 mm. or less in diameter (pairs, quads, etc.) to form complete cable core or a part thereof; and specially designed parts and accessories, n.e.c. | ..... | 422 | STVWXYZ | — | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71980** Assembling jigs and fixtures for military equipment; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **71980** Machinery and equipment, n.e.c. (specify by name), for the manufacture of semiconductor devices, electronic equipment, and components, and parts and sub-assemblies thereof, as follows: (a) equipment specially designed for the manufacture of semi-conductor devices and parts and sub-assemblies thereof (Export Control Commodity No. 72930); (b) equipment specially designed for the manufacture of silicon transistors; (c) equipment for slicing, dicing, scribing, slice breaking, lapping, polishing, probing, and/or sorting; (d) bonders and welders; (e) masks; or (f) equipment for the manufacture of masks or the creation of a photo-sensitive pattern on the surface of a semi-conductor or insulating substrate; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71980** Other machinery, n.e.c. (specify by name), *capable of* manufacturing or assembling transistors or crystal diodes, or components or subassemblies therefor; and specially designed parts and accessories, n.e.c. [Report machines for assembling electron tubes in Export Control Commodity No. 71852.) | ..... | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71980** Presses, continuous mixers, and other equipment, n.e.c., for the production of military explosives or solid propellants (specify by name); and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71980** Filament winding machines designed for or modified for the manufacture of rigid structural forms by precisely controlled tensioning and positioning of filament yarns, tapes, or rovings; and specially designed parts, controls, and accessories, n.e.c. | ..... | 418 | STVWXYZ | — | 500 | 100 | — | |
| **71980** Equipment for purifying or processing semiconductor materials, *except equipment specially designed for the zone purification of germanium;* and specially designed parts and accessories, n.e.c.[1] | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **71980** Stenters (tenters) specially designed for stretching (a) synthetic film (including metallized) suitable for dielectric use (condenser tissue), or (b) magnetic recording tape, *ex-* | ..... | 411 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] For export control purposes equipment for purifying and processing includes equipment which performs one or more of the following operations on semi-conductor materials: (a) purifying beyond 99.9 percent; (b) equalizing distribution of residual impurities; (c) achieving controlled introduction of impurities (in one or more stages of operation); (d) producing monocrystalline material or forms (e.g. by drawing, pulling, deposition) including forming on substrates.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *cept tape designed for voice and music only;* and specially designed parts, n.e.c. (Give detailed specifications of film to be produced.) | | | | | | | | |
| 71980 Stenters (tenters) specially designed for stretching other synthetic film; and specially designed parts, n.e.c. (Give detailed specifications of film to be produced.) | ..... | 412 | STVWXYZ | — | 500 | — | — | |
| 71980 Coating machines specially designed for the continuous production of polyester base magnetic tape; and specially designed parts therefor. (Give detailed specifications of magnetic tape to be produced.) | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| 71980 Equipment specially designed for the zone purification of germanium, and specially designed parts, n.e.c. | ..... | 412 | STVWXYZ | — | 500 | 500 | — | |
| 71980 Powder cutting machines with feed rolls geared to rotating cutter blades; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71980 Shell shot automatic blasting machines; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 500 | — | A |
| 71980 Machinery and equipment for depositing or printing on insulating panels, plates, or wafers or otherwise forming *in situ* component parts other than basic wiring (specify by name); and specially designed parts and accessories, n.e.c. [Report cameras in Export Control Commodity No. 86140.] | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| 71980 Other equipment specially designed to produce electronic assemblies by: (a) automatically inserting and/or soldering components on insulating panels, plates, or wafers to which wiring is applied by printing or other means, or (b) automatically or semi-automatically assembling wiring and/or packaging mounted modular insulated panels, plates, or wafers (specify by name); and specially designed parts and accessories, n.e.c. [Report cameras in Export Control Commodity No. 86140.] | ..... | 412 | STVWXYZ | — | 500 | — | — | |
| 71980 Sweetie barrels, revolving type, 5 feet or more in maximum diameter; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71980 Nitrators, continuous types, and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 71980 Processing vessels specially designed for use at temperatures below minus 130° C. (minus 202° F.); and specially designed parts and accessories, n.e.c. | ..... | 418 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71980** Machinery specially designed for the extrusion of polytetrafluoroethylene coagulated dispersions, or powders or pastes derived therefrom; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71980** Dehydration presses, double opposed hydraulic ram type; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71980** Extrusion presses, hydraulic ram and closure type; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71980** Hot isostatic presses (gas pressure bonding) employing pressure mediums of liquid, gas, or solid, including those presses where the work piece is only partially isostatically pressed; and specialized parts and components, n.e.c. | ..... | 412 | STVWXYZ | — | 500 | 500 | — | |
| **71980** Vacuum metallizing machinery specially designed for the continuous coating of polyester dielectric film for condensers; and specially designed parts and accessories, n.e.c. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **71980** Nitrators, batch type, with capacity of 125 Imperial gallons or more; and specially designed parts and accessories, n.e.c. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71980** Other processing vessels, mixing or nonmixing, having *all* flow-contact surfaces *made of or lined with any* of the following materials: (a) 90 percent or more tantalum, titanium, or zirconium either separately or combined; (b) 50 percent or more cobalt, molybdenum, nickel or tungsten either separately or combined; (c) 13 percent or more silicon; (d) steel alloys containing any combination of chromium, with either or both molybdenum or tungsten in which the sum of the alloying elements exceeds 3 percent of the total; (e) 2.5 percent or more nickel; (f) fluoro and/or silico resins; (g) glass (acid-, heat-, or shock-resistant); (h) ceramics; (i) carbon; (j) graphite; or (k) acid/heat resistant cement; and specially designed parts and accessories therefor. | ..... | 418 | SWXYZ | — | — | — | 100 | B |
| **71980** Other machines and mechanical appliances, *the following only:* abrasive circulators; abrasive coating machines; assembling fixtures, production, *except those for production of military equipment;* BRI (Basic Refractories Injection) guns; cordage-making machines; line-traveling coating and wrapping machines for pipes and tubes; Permanent Magnet Ferro Filters®; pipe line cleaning | ..... | 418 | SYZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| machines; rubber-extruding machines; tire-building machines; tire recapping and repairing machines; rubber processing and rubber products manufacturing machines, n.e.c.; vegetable oil mill machines (other than margarine processing machines); waxing machines, industrial; welding rod brushing machines; and welding rod feeders; and parts therefor. | | | | | | | | |
| 71980 Other machines and mechanical appliances, *the following only:* boiler room specialty tools; broom-making machines, *except broom-sewing;* brush-making machines; button covering machines; button making machines, n.e.c.; candle making machines; cigarette-making, cigar making, and other tobacco processing machines; clay guns; cleaning machines, steam; cleaning units, sack; creosoting equipment, for wood products; electric paint mixers; flame arrestors; floor finishers, sanders, scrubbers, and surfacers, industrial type; fluorescent lamp disposal units; fumigation chambers; fur-blowing machines; fur-treating machines; garbage burners, and garbage grinders, industrial and commercial; hatblocking machines, n.e.c.; hat-making machines, n.e.c.; ice breakers; ice-crusher slingers; ice saw and drill machines, combination type, engine driven; incinerators, industrial and commercial; linoleum making machines; measureograph machines for measuring cloth; nutters; paint markers for marking pavement; pin ticketing machines (tag-to-product applying); reels, hose and cable, power operated; refrigerant charging apparatus, automatic; shoelace tipping machines; smoke generators, *except military;* stone products manufacturing machines, n.e.c.; tank-cleaning machines; toothbrush manufacturing machines; tube cleaners; tube expanders, maintenance type; vacuum cleaners, industrial type; vibrating paper joggers; vibrators, hydraulic; wallboard plaster core machines; watch-cleaning machines; and zipper manufacturing machines; and parts therefor. | ..... | 418 | SZ | — | — | — | — | B |
| 71980 Windshield wipers, nonelectric, and parts, n.e.c. | ..... | 438 | SZ *and* East Germany | — | — | — | — | B |
| 71980 Shock absorbers, mechanical or hydraulic. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| 71980 Carpet sweepers, hand..... | ..... | 218 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **71980** Other machines and mechanical appliances, n.e.c., and parts, n.e.c.[1] | ..... | 418 | SXYZ | — | — | — | 100 | B |
| **71991** Molding boxes and molds for artillery molding or casting. | No. | 421 | STVWXYZ | — | 500 | — | — | A |
| **71991** Other molding boxes and molds for metal foundry, excluding ingot molds. [Report ingot molds for heavy steel ingots in Export Control Commodity No. 71521.] | No. | 428 | SWXYZ | — | — | — | 100 | B |
| **71991** Molds for concrete blocks..... | No. | 408 | SZ | — | — | — | — | B |
| **71991** Tire molds ..... | No. | 418 | SYZ | — | — | — | — | B |
| **71991** Other molds ..... | No. | 418 | SXYZ | — | — | — | 100 | B |
| **71992** Pipe valves having *all* of the following characteristics: a pipe size connection of 8 inches or more inside diameter, *all* flow contact surfaces *made of or lined with* alloys of 10 percent or more nickel and/or chromium *and* rated at 1,500 psi or more; and specially designed parts, n.e.c. (Give full specifications.) | Lb.[2] | 412 | STVWXYZ | — | 500 | — | — | |
| **71992** Valves, 1 inch or more in diameter, fitted with bellows seal, *and wholly made of or lined with* aluminum, nickel, or alloy containing 60 percent or more nickel, *except those having metal to metal seats;* and specially designed parts. (Give full specifications.) | Lb.[1] | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71992** Valves, cocks, or pressure regulators (a) specially designed to operate at temperatures below minus 274° F. (minus 170° C.), *except those of 2-inch diameter (50.8 mm.) or less specially designed for operation at temperatures from minus 274° F. (minus 170° C.) to minus 328° F. (minus 200° C.)*, or (b) with *all* flow contact surfaces *made of or lined with any* of the following materials: (i) 90 percent or more tantalum, titanium, or zirconium, either separately or combined, (ii) 50 percent or more cobalt or molybdenum, either separately or combined, (iii) polytetrafluoroethylene, or (iv) polychlorotrifluoroethylene; and specially designed parts. (Give full specifications.) | Lb.[2] | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **71992** Other valves, cocks or pressure regulators of 2-inch diameter (50.8 mm.) or less specially designed for operation at temperatures from minus 274° F. (minus 170° C.) to minus 328° F. (minus 200° C.); and specially designed parts. | Lb.[2] | 412 | STVWXYZ | — | 500 | 100 | — | |
| **71992** Valve parts and accessories wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (See § 399.2, Interpretation 22.) | Lb. | 411 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.
[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] Report automatic control or regulating valves in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 71992 Valve parts and accessories wholly made of polyvinyl fluoride. | Lb. | 412 | STVWXYZ | — | 500 | 100 | — | |
| 71992 Other valves fitted with bellows seal, *and wholly made of or lined with* aluminum, nickel, or alloys containing 60 percent or more nickel; and specially designed parts. (Give full specifications.) | Lb.[1] | 412 | STVWXYZ | — | 500 | 100 | — | E–9 |
| 71992 Other valves, cocks, or pressure regulators *incorporating* 90 percent or more tantalum, titanium, or zirconium, either separately or combined; and specially designed parts. (Give full specifications.) | Lb.[1] | 412 | STVWXYZ | — | 500 | 100 | — | E–9 |
| 71992 Valves specially designed for temporary stopping off or plugging a section of steel line pipe of a size greater than 19 inches o.d.; and specially designed parts. | Lb.[1] | 412 | SVWXYZ | — | — | 100 | — | E–9 |
| 71992 Other steel valves with inlet or outlet diameter 17 inches or greater *and* designed for a working pressure of over 300 psi; and specially designed parts. | Lb.[1] | 412 | SVWXYZ | — | — | 100 | — | E–9 |
| 71992 Mud valves, working pressure 600 psi or over, specially designed for rotary drill rigs, *except core drill rigs;* and specially designed parts. | Lb.[1] | 406 | SVWXYZ | — | — | 100 | — | E–12 |
| 71992 Other valves, cocks or pressure regulators having all flow-contact surfaces *made of or lined with any* of the following materials: (a) 50 percent or more of nickel or tungsten either separately or combined, (b) 13 percent or more silicon, (c) steel alloys containing any combination of chromium, with either or both molybdenum or tungsten in which the sum of the alloying elements exceeds 3 percent of the total, (d) 2.5 percent or more nickel, (e) fluoro and/or silico resins, (f) glass (acid-, heat-, or shock-resistant), (g) ceramics, (h) carbon, (i) graphite, or (j) acid/heat resistant cement; and specially designed parts. (Give full specifications.) | Lb.[1] | 418 | SWXYZ | — | — | — | 100 | B |
| 71992 Other valves, cocks, or pressure regulators designed to operate at temperatures below minus 202° F. (minus 130° C.) down to and including minus 274° F. (minus 170° C.); or *incorporating* 50 percent or more cobalt or molybdenum, either separately or combined; and specially designed parts. (Give full specifications.) | Lb.[1] | 418 | SWXYZ | — | — | — | 100 | B |
| 71992 Other valves, cocks or pressure regulators, specially designed for use in the process- | Lb.[1] | 418 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report automatic control or regulating valves in "number."



66-000 O - 67 - 10 Pt. II

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| ing of petroleum, petrochemicals, natural gas or their fractions; and specially designed parts. (Give full specifications.) | | | | | | | | |
| **71992** Plumbing and heating valves, and other plumbing fixture fittings; and parts. | Lb. | 218 | SZ | — | — | — | — | B |
| **71992** Other taps, cocks, valves and similar appliances, n.e.c., and parts. | Lb.[1] | 418 | SZ *and* East Germany | — | — | — | — | B |
| **71993** Transmission shafts, cranks, bearing housings, and pulleys, n.e.c.; and parts. [Report unmounted ball and roller bearings in Export Control Commodity No. 71970.] | .....[2] | 418 | SXYZ | — | — | — | 100 | B |
| **71994** Gaskets (joints) as follows: (a) wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride*, or (b) made of polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, or polyparaxylylenes where the value of the contained polymeric substances is 50 percent or more of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) (See § 399.2, Interpretation 22.) | ..... | 221 | STVWXYZ | — | 500 | 25 | — | A E-3 |
| **71994** Gaskets (joints) as follows: (a) wholly made of polyvinyl fluoride, (b) of laminated metal and polytetrafluoroethylene or polychlorotrifluoroethylene, or (c) made of polypyromellitimide or polybenzimidazole where the value of the contained polymeric substances is less than 50 percent of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | ..... | 222 | STVWXYZ | — | 500 | 25 | — | E-3 |
| **71994** Other gaskets (joints), laminated metal and nonmetal material, or set of gaskets of two or more materials. | ..... | 218 | SZ *and* East Germany | — | — | — | — | B |
| **71999** Ships' propellers; paddle-wheels for boats; and boat parts, n.e.c. [Report copper alloy propeller shafts in Export Control Commodity No. 68221.] | ..... | 408 | SYZ | — | — | — | — | B |
| **71999** Other machine parts, n.e.c., nonelectric. | ..... | 218 | SYZ | — | — | — | — | B |
| **ELECTRICAL MACHINERY, APPARATUS, AND APPLIANCES** | | | | | | | | |
| **72210** Synchronous motors of any rating possessing *any* of the following characteristics: (a) of size 30 (3 inches in diameter) and smaller having synchronous speeds in excess of 3,600 rpm, (b) designed to operate below minus 25° C. to plus 100° C., (c) designed to | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report automatic control or regulating valves in "number."

[2] Report bearings in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| operate from power sources of more than 400 cycles, or (d) of size 11 (1.1 inches in diameter) or smaller. (Specify by name and model number.) | | | | | | | | |
| 72210 Other synchronous motors, of any rating, having synchronous speeds in excess of 3,000 rpm or designed to operate within a temperature range greater than minus 10° C. to plus 55° C. but not exceeding minus 25° C. to plus 100° C. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 500 | 100 | — | |
| 72210 Direct current and alternate current torquers, i.e., torque motors specially designed for gyros and stabilized platforms. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72210 Electric motors over 1,000 horsepower, reversing type, liquid cooled and totally enclosed. (Specify by rating, A.C. or D.C.) | No. | 601 | STVWXYZ | — | 500 | — | — | A |
| 72210 Other synchronous motors, n.e.c., of any rating, having synchronous speeds in excess of 3,000 rpm. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 500 | — | — | |
| 72210 Electric motors, any horsepower from 1 horsepower and up, specially designed for metal rolling mills included under Export Control Commodity No. 71522 and not identified by the symbol "B" in the last column of the Commodity Control List. (Specify horsepower and type of mill.) | No. | 602 | SVWXYZ | — | — | — | — | E-6 |
| 72210 Electric motors, D.C. and A.C., specially designed for aircraft; and parts and accessories, n.e.c. (Specify electrical characteristics and horsepower.) | .....[1] | 438 | SWXYZ *and* Rep.So. Africa | — | — | — | 100 | B |
| 72210 Other electric motors, 12,500 horsepower and over; and parts and accessories, n.e.c. (Specify horsepower, A.C. or D.C.) | .....[1] | 608 | SWXYZ | — | — | — | 100 | B |
| 72210 Servo motors (gear head or plain), having *any* of the following characteristics: (a) designed to operate from power sources of more than 300 cycles per second, *except those designed to operate from power sources of over 300 cycles per second up to and not exceeding 400 cycles per second with a temperature range of from minus 25° C. to plus 100° C.*, (b) designed to have a torque-inertia ratio of 10,000 radians per second or greater, (c) incorporating special features to secure internal damping, (d) of size 11 (1.1 inches in diameter) and smaller, (e) employing solid state Hall effect, or (f) designed to operate | .....[1] | 601 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete motors (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| below minus 55° C. or above plus 125° C. (specify by name and model number); and specially designed parts and accessories, n.e.c. | | | | | | | | |
| **72210** Servo motors (gear head or plain) designed to operate from power sources over 300 cycles per second up to and not exceeding 400 cycles per second, designed to operate within a temperature range greater than minus 10° C. to plus 55° C. but not exceeding minus 25° C. to plus 100° C. (specify by name and model number); and specially designed parts and accessories, n.e.c. | .....[1] | 602 | STVWXYZ | — | 500 | 100 | — | |
| **72210** Other servo motors; and parts and accessories, n.e.c. | .....[1] | 608 | SWXYZ | — | — | — | 100 | B |
| **72210** Parts and accessories specially designed for motors, *except servo motors*, under Export Control Commodity No. 72210 which are subject to the Import Certificate/Delivery Verification procedure. (Specify model number and characteristics of motor.) | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72210** Parts and accessories specially designed for motors under Export Control Commodity No. 72210 which require a validated license to all destinations but are not subject to the Import Certificate/Delivery Cerification procedure. (Specify model number and characteristics of motor.) | ..... | 602 | STVWXYZ | — | 500 | 500 | — | |
| **72210** Parts and accessories specially designed for motors under Export Control Commodity No. 72210 for which a validated license is required to all destinations except Country Group T destinations. (Specify model number and characteristics of motor.) | ..... | 602 | SVWXYZ | — | — | 500 | — | |
| **72210** Electrical power equipment specially designed for aircraft (for example, generators, regulators, rectifiers, converters, inverters, magnetic amplifiers, transformers, etc.) (specify by name); and specially designed parts and accessories, n.e.c. | .....[2] | 432 | STVWXYZ | — | 500 | 500 | — | E-2 |
| **72210** Generators and turbine-generator sets specially designed for use with nuclear reactors. (Specify name, type and rating.) | .....[2] | 601 | STVWXYZ | — | 500 | — | — | A |
| **72210** Other turbine-generator sets specially designed for use of saturated steam; and parts and accessories, n.e.c. (Specify name, type, and rating.) | .....[2] | 602 | STVWXYZ | — | 500 | — | — | |
| **72210** Other generators and generator sets of ½ kilowatt or over; and parts and accessories, n.e.c. (Specify name, type, and rating.) | .....[2] | 608 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete motors (assembled or unassembled) in "number."

[2] Report the following commodities (assembled or unassembled) in "number": motors, generators, rotating converters, transformers, limiting reactors, and regulators.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72210 Parts and accessories specially designed for nuclear reactor generators and generator sets. (Specify by name.) | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 72210 Electronic transformers, coils, reactors, and chokes designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.), or at ambient temperatures of 200° C. (392° F.) or higher (specify by name and type number); and specially designed parts. (Specify by name.)[2] | .....[1] | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72210 Pulse transformers specially designed for modulators capable of providing electrical impulses of peak power exceeding 200 kilowatts or of a duration of less than 0.1 microsecond, or a duty cycle in excess of 0.002 (specify by name and type number); and specially designed parts. (Specify by name.) | .....[1] | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72210 Other coils, reactors, and chokes made of magnetic materials (specify by name and type number); and parts for transformers, coils, reactors, chokes, motors, and generators (including cores, laminations, stampings, and other formed parts) composed of magnetic materials. (See § 399.2, Interpretation 6.) | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72210 Other electronic transformers (specify by name and type number); and parts.[3] | .....[1] | 618 | SWXYZ | — | — | — | 100 | B |
| 72210 Other electronic coils, reactors, and chokes, n.e.c.; and parts.[3] | .....[1] | 618 | SXYZ | — | — | — | 100 | B |
| 72210 Power supplies and magnet controllers specially designed for use with cryogenic equipment capable of operating at temperatures below minus 202° F. (minus 130° C.). | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 72210 Fluorescent ballasts ..... | No. | 218 | SYZ | — | — | — | — | B |
| 72210 Other motors, generators, generating sets, rotating converters, transformers, limiting reactors, regulators, nonrotating rectifiers and power supplies; and parts and accessories, n.e.c. | .....[1] | 608 | SXYZ | — | — | — | 100 | B |
| 72220 Motor controls specially designed for motors under Export Control Commodity No. 72210 which are subject to the Import Certificate/Delivery Verification procedure; and specially designed parts and accessories. (Specify by name and model number of motor.) | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 72220 Motor controls specially designed for motors under Export Control Commodity No. 72210 which require a validated license to all | ..... | 602 | STVWXYZ | — | 500 | 500 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report the following commodities (assembled or unassembled) in "number": motors, generators, rotating converters, transformers, limiting reactors, and regulators.

[2] The range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.) defines the range at which the component may still be used without derating.

[3] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| destinations but are not subject to the Import Certificate/Delivery Verification procedure; and specially designed parts and accessories. (Specify by name and model number of motor.) | | | | | | | | |
| **72220** Motor controls specially designed for motors under Export Control Commodity No. 72210 which require a validated license to all destinations except Country Group T destinations, and parts and accessories. (Specify by name and model number of motor.) | ..... | 602 | SVWXYZ | — | — | 500 | — | E–6 |
| **72220** Motor controls specially designed for other electric motors of 12,500 horsepower or over; and parts and accessories, n.e.c. | ..... | 608 | SWXYZ | — | — | — | 100 | B |
| **72220** Electrical control equipment for motors and generators for railway equipment; and parts, n.e.c. | ..... | 438 | SXYZ | — | — | — | 100 | B |
| **72220** Resistance welding controls (electronic or magnetic) for welders specially designed for the manufacture of arms, munitions, or implements of war; and specially designed parts. | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72220** Control units for power controlled search-lights designed for military use; and specially designed parts. | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72220** Electronic resistors, including potentiometers, designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their designed service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.), or at ambient temperatures of 200° C. (392° F.) or higher. (Specify by name and type number.) [1] | No. | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72220** Potentiometers having *any* of the following characteristics, and special instruments rated to have the same characteristics: (a) linear, having a constant resolution and a rated linearity of 0.1 percent or less, (b) nonlinear, having a variable resolution and a rated conformity of 1.0 percent or less, (c) designed for gimbal mounting, or (d) designed to operate below minus 55° C. or above plus 125° C. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72220** Parts, n.e.c., specially designed for the resistors and potentiometers under Export Control Commodity No. 72220, subject to the | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.) defines the range at which the component may still be used without derating.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| Import Certificate/Delivery Verification procedure. (Specify name and characteristics of resistors for which designed.) | | | | | | | | |
| 72220 Other potentiometers using only switched elements, and parts, n.e.c. (Specify by name and type number.) | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72220 Other electronic resistors and potentiometers; and parts, n.e.c. (Specify by name and type number.)[1] | ..... | 618 | SXYZ | — | — | — | 100 | B |
| 72220 Electronic inductive relays designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.), or at ambient temperatures of 200° C. (392° F.) or higher. (Specify by name and type number.)[2] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72220 Electronic and microwave switches as follows: (a) waveguide switches designed for frequencies over 12,500 megacycles, (b) waveguide switches having a bandwidth ratio greater than 1.5 to 1, (c) magnetic, including gyromagnetic, waveguide switches, (d) pressurized waveguide switches, and (e) transverse electromagnetic (TEM) mode switches using magnetic, including gyromagnetic, properties. (Specify by name and type number.) | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72220 Other waveguide switches designed for frequencies over 600 megacycles. (Specify by name and type number.) | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72220 Other electronic and microwave switches and electronic relays, n.e.c. (Specify by name and type number.) | ..... | 618 | SXYZ | — | — | — | 100 | B |
| 72220 Switchgear, circuit breakers, disconnect switches, fuses, power distribution cutouts, and other switchgear; and lightning arrestors and choke coils; and parts, n.e.c. | ..... | 608 | SZ | — | — | — | — | B |
| 72220 Fuses, dimmer switches, lighting switches, power relays, and other electrical apparatus for making, breaking or protecting electrical circuits on automobiles, buses, motorcycles, tractors, trucks, watercraft, and industrial engines. | ..... | 438 | SWXYZ | — | — | — | 100 | B |
| 72220 Fuses, dimmer switches, lighting switches, power relays, and other electrical apparatus for making, breaking or protecting electrical circuits on aircraft. | ..... | 438 | SXYZ *and* Rep. So. Africa | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] The range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.) defines the range at which the component may still be used without derating.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72220** Lamp holders, electric outlets and parts, n.e.c.; appliance, cord, lighting, pendant, flush, and surface switches; and current carrying devices, *the following only:* multi-contact connectors, attachment plugs and other interior wiring devices. | ..... | 218 | SZ | — | — | — | — | B |
| **72220** Other electrical apparatus for making, breaking or protecting electrical circuits, and other current carrying wiring devices; and parts. | .....[1] | 608 | SXYZ | — | — | — | 100 | B |
| **72310** Wire and cable coated with or insulated with fluorocarbon polymers or copolymers, *except polyvinyl fluoride.*[2] (Specify type of metal and insulation.) (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 271 | STVWXYZ | — | 250 | 100 | — | AFG |
| **72310** Wire and cable coated with or insulated with polyvinyl fluoride. (Specify type of metal and insulation.) (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 262 | STVWXYZ | — | 250 | 100 | — | FG |
| | | | | — | 250 | 100 | — | AFG |
| **72310** Coaxial-type communications cable as follows: (a) containing fluorocarbon polymers or copolymers,[2] (b) using a mineral insulator dielectric, (c) using a dielectric aired by discs, beads, spiral, screw, or any other means, (d) designed for gas pressurization for the purpose of withstanding external overpressure or for raising the maximum voltage rating of the cable, or (e) intended for submarine laying. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 271 | STVWXYZ | | | | | |
| **72310** Other coaxial cable. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 250 | 100 | — | FG |
| **72310** Communications cable containing more than one pair of conductors as follows: (a) submarine cable, or (b) cable containing fluorocarbon polymers or copolymers.[2] (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 271 | STVWXYZ | — | 250 | 100 | — | AFG |
| **72310** Other communications cable containing more than one pair of conductors *and* containing any conductor, single or stranded, exceeding 0.9 mm. in diameter. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 250 | 100 | — | FG |
| **72310** Insulated nickel wire of alloys composed of 50 percent or more copper, and alloys of chief weight copper, irrespective of nickel content. (Also specify copper content in pounds.) (See § 373.43 (d).) | Lb. | 272 | STVWXYZ | — | 250 | 250 | — | |
| **72310** Insulated nickel or nickel alloy wire as follows: (a) insulated thermocouple nickel-chrome wire containing less than 95 percent | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E–8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report motor starters and contactors, and motor control centers in "number."

[2] See § 399.2, Interpretation 22.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| nickel and within a diameter range of 0.2 mm. to 5 mm. both inclusive, or (b) other insulated nickel or nickel alloy wire containing 32 percent or more nickel, *except nickel-copper alloy wire containing not more than 6 percent of other alloying elements.* (Specify kind of wire or cable, give complete metal analysis, and type of insulation.) | | | | | | | | |
| 72310 Insulated columbium or columbium alloy wire. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 72310 Insulated tungsten wire made from pressed-sintered tungsten. | Lb. | 262 | STVWXYZ | — | 500 | 100 | — | E-8 |
| 72310 Other insulated tungsten or tungsten alloy wire. | Lb. | 261 | STVWXYZ | — | 500 | 100 | — | A E-8 |
| 72310 Other copper or copper-base alloy insulated wire and cable. (Also specify copper content in pounds.) (See § 373.43(d).) | Lb. | 272 | STVWXYZ | — | 250 | 250 | — | FG |
| 72310 Ignition harness and cable sets, aircraft type. | Lb. | 438 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| 72310 Ignition harness and cable sets, automotive type. | Lb. | 438 | SWXYZ | — | — | — | 100 | B |
| 72310 Appliance cord sets and other flexible cord sets (with fittings attached). | Lb. | 608 | SZ | — | — | — | — | B |
| 72310 Other insulated wire and cable, n.e.c.... | Lb. | 268 | SXYZ | — | — | — | 100 | B |
| 72320 Electrical insulators and fittings as follows: (a) wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride,* or (b) made of polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, or polyparaxylylenes, where the value of the contained polymeric substances is 50 percent or more of the total value of materials used. (Specify value of polymeric substances and total value of other materials.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | — | 500 | 25 | — | A |
| 72320 Electrical insulators and fittings as follows: (a) wholly made of polyvinyl fluoride, (b) partially made of fluorocarbon polymers or copolymers, or (c) made of polypyromellitimide or polybenzimidazole where the value of the contained polymeric substances is less than 50 percent of the total value of materials used. (Specify value of polymeric substances and total value of other materials.) (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | — | 500 | 25 | — | E-3 |
| 72320 Electrical insulators and fittings of glass, mica, steatite, porcelain, or ceramic materials, n.e.c.; and electrical conduit fittings, n.e.c., including electrical conduit tubing and joints, base metal, lined with insulating material. | Lb. | 218 | SZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72320** Other electrical insulators and fittings of insulating materials, n.e.c. | Lb. | 218 | SZ *and* East Germany | — | — | — | — | B |
| **72410** Television receivers incorporating or combined with videotape recorders. (Specify by name and model number of recorder.) [Report individual video tape recorders in Export Control Commodity No. 89111, parts for recorders in No. 89112, and tape in No. 89120.] | No. | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72410** Color television broadcast receivers, whether or not combined with radio or phonograph; and unassembled color television kits. | No. | 618 | SZ *and* East Germany | — | — | — | — | B |
| **72410** Other television broadcast receivers, whether or not combined with radio or phonograph, television tuners, television chassis, or other unassembled television kits. | No. | 618 | SZ | — | — | — | — | B |
| **72420** Radios, household type, including radio-phonograph combinations, radio tuners, radio chassis, kits for assembly, and automobile radios, *except two-way radios.* | No. | 618 | SZ | — | — | — | — | B |
| **72491** Equipment designed to ensure the privacy or secrecy of analog and/or digital communications, *except (a) voice transmission systems employing fixed frequency inversions and/or fixed band scrambling techniques in which the changes occur no more frequently than once every ten seconds, (b) standard commercial facsimile or video systems employing only transposition of analog information, and (c) industrial and commercial video systems for pay television and similar restricted audience television in which privacy is obtained by the use of non-standard sweep systems and not employing digital transmission or digital techniques to modify an analog transmission;* and specialized components, assemblies, subassemblies, parts and accessories, n.e.c., including terminal equipment, modems, vocoders, and authentication equipment. (Specify by name.)[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72491** Other equipment designed to ensure the privacy or secrecy of communications, *except voice transmission systems making use of fixed frequency inversions and/or fixed band scrambling techniques in which the changes occur no more frequently than once every ten seconds;* and specialized components, assemblies, and subassemblies, parts, and accessories. (Specify by name.)[1] | ..... | 612 | STVWXYZ | — | 500 | 250 | — | |
| **72491** Terminal and intermediate repeater or amplifier equipment designed to deliver, carry, or receive frequencies higher than 150 kilo- | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| cycles, *except carrier communication terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | | | | | | | | |
| 72491 Terminal and intermediate repeater or amplifier equipment as follows: (a) terminal and intermediate repeater or amplifier equipment designed to transmit, carry, or receive frequencies from higher than 16 kilocycles up to and including 150 kilocycles, and (b) terminal equipment specially designed for power lines and operating within the range of frequencies from 16 to 1,500 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72491 Telegraph equipment, as follows: (a) equipment (machines), mechanical, electromechanical, or electronic, used to translate the information contained in written or printed text into electrical waveforms suitable for transmission over communication circuits at any speed greater than 500 words per minute or 375 bauds, whichever is less, (b) equipment designed to accept such electrical waveforms within the limits of (a) above and display the information from them in visible form, or (c) terminal equipment n.e.c., capable of transmitting and/or receiving digital data at rate in excess of 2,000 bauds (bits per second) or at a rate (applicable to single channels or to each sub-channel in a multi-channel system) in bauds numerically in excess of 75 percent of the channel (or sub-channel) bandwidth in cycles per second (specify by name and model number); and specialized components, parts and accessories, n.e.c. (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72491 Single and multi-channel telegraph terminal transmitting and receiving equipment, *except the following equipment when such equipment is not designed for or capable of operation at a rate (for either the channel or any sub-channel in a multi-channel system) in bauds (bits per second) numerically greater than 60 percent of the channel (or sub-channel) band width in cycles per second:* (a) *equipment with a bandwidth per channel of* | .....[2] | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report switchboards, switching devices, and wire teleprinter units in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *not more than 240 cycles and with a rated speed of not more than 100 bauds (or 134 words per minute) per channel designed to CCITT standards,* (b) *equipment used with telemetering, telecommand, and telesignalling equipment designed for industrial purposes in which the operational aggregate speed of the telegraph equipment is less than 1,200 bauds (bits per second), or* (c) *time division multiplex systems up to 6 channels with a maximum aggregate speed of 300 bauds and/or 72 words per minute per channel, and not containing an automatic error detection and correction system using a multiple check* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (Specify by name.)[1] | | | | | | | | |
| **72491** Other telegraph apparatus as follows: (a) suitable for use at speeds greater than 200 words per minute or 150 bauds, or (b) other multi-channel telegraph terminal transmitting and receiving equipment (specify by name and model number); and specialized components, parts, and accessories, n.e.c.[1] | .....[2] | 612 | STVWXYZ | — | 500 | 100 | — | |
| **72491** Telephone instruments; and parts..... | .....[2] | 618 | SZ | — | — | — | — | B |
| **72491** Other telephone and telegraph equipment, n.e.c.; and parts and accessories. (Specify by name.)[1] | .....[2] | 618 | SXYZ | — | — | — | 100 | B |
| **72492** Telephone repeater equipment designed for frequencies higher than 150 kilocycles specify by name and model number; and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | ..... | 661 | STVWXYZ | — | 500 | 100 | — | A |
| **72492** Telephone repeater equipment designed for frequencies from higher than 16 kilocycles up to and including 150 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| **72492** Other telephone repeater equipment (specify by name and model number); and components, parts, and accessories (specify by name).[1] | ..... | 618 | SXYZ | — | — | — | 100 | B |
| **72492** Microphones, audio frequency sound amplifiers; public address systems; loudspeakers; and parts.[1] | ..... | 618 | SZ | — | — | — | — | B |
| **72499** Radio transmitters or transceivers, including transmitter amplifiers, having *any* of the following characteristics: (a) designed | .....[3] | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report telephone instruments, switchboards, and switching devices, and wire teleprinter units in "number."

[3] Report transceivers and broadcast type transmitters and receivers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| to operate at output carrier frequencies greater than 235 megacycles, *except* (i) *television broadcasting transmitters and amplifiers therefor operating between 470 and 960 megacycles,* (ii) *frequency-modulated and amplitude-modulated ground communications equipment required for use in the land mobile service operating in the 420 to 470 megacycle band with a power output of not more than 25 watts for mobile units and 100 watts for fixed units,* or (iii) *amplitude-modulated radio-telephone equipment used for search and rescue work operating on a frequency of 243 megacycles with a carrier power not exceeding 100 milliwatts;* (b) designed to provide any system of pulse modulation (*this does not include amplitude, frequency, or phase modulated television or telegraphic transmitters*); (c) rated for operation over a range of ambient temperatures extending from below minus 40° F. (minus 40° C.) to above plus 131° F. (plus 55° C.); or (d) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezo-electric crystals, *except equipment in which the output frequency is selected only by manual operation either on the equipment or on a remote control unit and* (i) *those forming multiples of a common control frequency, or* (ii) *those in which the output frequency is a multiple of a common frequency which is not less than 1:1000 part of the oscillator frequency and is in steps of 1 kilocycle or greater* (specify by name and model number); and specially designed components, sub-assemblies, parts, and accessories, including, but not limited to, intermediate frequency and power amplifiers and their parts, modulators and modulation amplifiers, aerials, their filters and their connecting devices, control equipment placed in racks, and maintenance equipment. (Specify by name.) | | | | | | | | |
| 72499 Other transmitters or transceivers having *any* of the following characteristics: (a) more than 20 channels, (b) special facilities for interconnection with land line telephone circuits or switch boards, (c) frequency-modulated or amplitude-modulated communications equipment operating in the 420 to 470 megacycles band, with a power output of 25 watts | .....[2] | 612 | STVWXYZ | — | 1,000 | 1,000 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report transceivers and broadcast type transmitters and receivers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| or less for mobile units and 100 watts or less for fixed units, (d) amplitude-modulated radio-telephone equipment used for search and rescue work operating on a frequency of 243 megacycles with a carrier power of 100 milliwatts or less, (e) designed to operate at output carrier frequencies between 108 and 156 or from 223 up to and including 235 megacycles, or (f) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezo-electric crystals, *except those forming multiples of a common control frequency* (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).[1] | | | | | | | | |
| **72499** Single and multi-channel radio-telegraph terminal transmitting and receiving equipment, *except the following equipment when such equipment is not designed for or capable of operation at a rate (for either the channel or any sub-channel in a multi-channel system) in bauds (bits per second) numerically greater than 60 percent of the channel (or sub-channel) band width in cycles per second:* (i) *equipment with a bandwidth per channel of not more than 240 cycles and with a rated speed of not more than 100 bauds (or 134 words per minute) per channel designed to CCITT standards,* (ii) *equipment used with telemetering, telecommand, and telesignalling equipment designed for industrial purposes in which the operational aggregate speed of the telegraph equipment is less than 1,200 bauds (bits per second), or* (iii) *time division multiplex systems up to 6 channels with a maximum aggregate speed of 300 bauds and/or 72 words per minute per channel, and not containing an automatic error detection and correction system using a multiple check* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (Specify by name.)[1] | .....[2] | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Other multi-channel radio-telegraph terminal transmitting and receiving equipment; and other radio-telegraph equipment suitable for use at speeds greater than 200 words per minute or 150 bauds (specify by name and model number); and specialized components, parts and accessories, n.e.c.[1] | .....[2] | 612 | STVWXYZ | — | 500 | 100 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report transceivers and broadcast type transmitters and receivers in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72499 Radio (microwave) relay communications equipment *except short-range and low-power television links for transmission between the camera or studio and the television transmitter*, designed for use: (a) at frequencies in excess of 300 megacycles but not exceeding 470 megacycles and having *any* of the following characteristics: (i) a power output exceeding 5 watts, (ii) a base bandwidth greater than 150 kilocycles, or (iii) for other than fixed service; or (b) at frequencies in excess of 470 megacycles (specify by name and model number); and specially designed components, sub-assemblies, parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72499 Other radio relay communications equipment designed for frequencies of 470 megacycles and under (specify by name and model number); and specially designed components, sub-assemblies, parts and accessories, n.e.c. (specify by name).[1] | ..... | 612 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72499 Radio-telephone carrier (multiplex) terminal or amplifier equipment designed to deliver, carry, or receive frequencies higher than 150 kilocycles into or in a communications system, *except carrier terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles* (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72499 Other radio-telephone carrier (multiplex) terminal or amplifier equipment designed to deliver, carry, or receive frequencies higher than 16 kilocycles up to and including 150 kilocycles, into or in a communications system and carrier terminal equipment specially designed for power lines operating at frequencies below 1,500 kilocycles (specify by name and model number); and specialized components, parts, and accessories, n.e.c. (specify by name).[1] | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72499 Airborne communications equipment (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72499 Communication, detection or tracking equipment of a kind using ultra-violet radiation, infrared radiation or ultrasonic waves | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | | | | | | | | |
| **72499** Communication equipment employing tropospheric, ionospheric or meteoric scatter phenomena (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Equipment designed to ensure the privacy or secrecy of analog and/or digital communications, *except (a) voice transmission systems employing fixed frequency inversions and/or fixed band scrambling techniques in which the changes occur no more frequently than once every ten seconds, (b) standard commercial facsimile or video systems employing only transposition of analog information, and (c) industrial and commercial video systems for pay television and similar restricted audience television in which privacy is obtained by the use of non-standard sweep systems and not employing digital transmission or digital techniques to modify an analog transmission;* and specialized components, assemblies, sub-assemblies, parts and accessories, n.e.c., including terminal equipment, modems, vocoders, and authentication equipment. (Specify by name.)[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Other equipment designed to ensure the privacy or secrecy of communications, *except voice transmission systems making use of fixed frequency inversions and/or fixed band scrambling techniques in which the changes occur no more frequently than once every ten seconds;* and specialized components, assemblies, and subassemblies, parts, and accessories. (Specify by name.)[1] | ..... | 612 | STVWXYZ | — | 500 | 250 | — | |
| **72499** Telemetering and telecontrol equipment suitable for use with aircraft or space vehicles (piloted or pilotless) (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Panoramic radio receivers (being receivers which search automatically a part of the radio-frequency spectrum and indicate the signals received), *except panoramic adaptors for commercial receivers which are limited to searching a spectrum of not more than plus or minus 20 percent of the intermediate frequency of the receiver and the range searched* | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *does not exceed plus or minus 2 megacycles* (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | | | | | | | | |
| 72499 Other panoramic adaptors for commercial radio receivers (specify by name and type number); and specially designed parts and accessories (specify by name). | ..... | 612 | STVWXYZ | — | 500 | 250 | — | |
| 72499 Airborne navigation and direction finding equipment, including specialized training or simulating equipment, as follows: (a) designed to make use of Doppler frequency phenomena, (b) utilizing the constant velocity and/or the rectilinear propagation characteristics of electromagnetic waves having frequency less than 4 times $10^{14}$ cycles per second (0.75 micron), (c) pulse modulated radio altimeters, (d) frequency-modulated radio altimeters having an electrical output accuracy better than plus or minus 3 feet over the whole range between zero to 100 feet, or plus or minus 3 percent above 100 feet, (e) frequency-modulated radio altimeters which have been in normal civil use for less than four years, (f) direction finding equipment operating at frequencies greater than 5 megacycles, *except equipment designed for search and rescue purposes provided that the receiver operates on a crystal-controlled fixed frequency of 121.5 megacycles and that the determination of the DF bearing is not independent of the bearing of the aircraft and provided that the DF antenna array is designed for operation at a fixed frequency of 121.5 megacycles,* (g) pressurized throughout, or (h) rated for continuous operation over a range of ambient temperatures extending from below minus 67° F. (minus 55° C.) to above plus 131° F. (plus 55° C.) (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72499 Ground and marine equipment, including specialized training and simulating equipment, for use with airborne navigation equipment, utilizing the constant velocity and/or the rectilinear propagation characteristics of electromagnetic waves having a frequency less than 4 times $10^{14}$ cycles per second (0.75 micron) (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72499** Ground and marine direction finding equipment, including specialized training and simulating equipment, designed to operate at frequencies greater than 5 megacycles (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Airborne radar equipment, including specialized training or simulating equipment specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72499** Ground and marine radar equipment, including specialized training or simulating equipment, having *any* of the following features: (a) operating at a frequency not in normal civil use in the Western World, or at a frequency of more than 10,500 megacycles, (b) having a peak output power from the transmitter greater than 160 kilowatts, (c) having an 80 percent or better cumulative probability of detection of a 20 square meter target at a free space range of 50 nautical miles, (d) utilizing other than pulse modulation with a constant pulse repetition frequency in which the frequency of the transmitted signal is not changed deliberately between groups of pulses, from pulse to pulse, or within a single pulse, (e) utilizing a Doppler technique for any purpose, other than MTI (moving target indicator) systems using a conventional double pulse delay line technique, (f) including signal processing techniques which have been in normal civilian use for a period of less than four years, or (g) having been in commercial use in the Western World for a period of less than 2 years (specify by name and model number); and specially designed parts and accessories. (Specify by name.) [1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72499** Pulse modulators capable of providing electric impulses of peak power exceeding 200 kilowatts or of a duration of less than 0.1 microsecond, or with a duty cycle in excess of 0.002; and specially designed parts and accessories, including pulse transformers, pulse-forming equipment and delay lines. (Specify by name.) [1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72499 Other ground and marine radar equipment, including specialized training or simulating equipment, *except normal equipment designed for pulse operation at frequencies between 1,300 megacycles and 1,660 megacycles, 2,700 megacycles and 3,900 megacycles, or 8,500 megacycles and 10,000 megacycles, having in the case of marine radar, a peak output power to the aerial system of not greater than 75 kilowatts or, in the case of ground base radar, having a peak output power to the aerial system of not greater than 50 kilowatts and a range of not greater than 50 nautical miles* (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).[1] | ..... | 612 | STVWXYZ | — | 500 | 500 | — | |
| 72499 Other airborne electronic navigation and direction finding equipment, n.e.c., *except direction finders operating at frequencies of 5 megacycles or less* (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).[1] | ..... | 612 | STVWXYZ | — | 500 | 100 | — | |
| 72499 Radio and television broadcast equipment, *except radio and television broadcast audio equipment and television broadcast studio equipment;* and parts and accessories (specify by name). | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72499 Radio and television broadcast audio equipment; and television broadcast studio equipment; and parts and accessories (specify by name). [Report videotape recorders in Export Control Commodity No. 89111.] | ..... | 618 | SXYZ | — | — | — | 100 | B |
| 72499 Amplifiers, oscillators, and related equipment, n.e.c., as follows: (a) amplifiers designed to operate at frequencies in excess of 500 megacycles; (b) tuned amplifiers having a bandwidth which exceeds 10 megacycles or 10 percent of the mean frequency, whichever is less, *except those specially designed for use in community television distribution systems;* or (c) untuned amplifiers having a bandwidth which exceeds 10 megacycles (specify by name and model number); and specially designed parts and accessories (specify by name).[1] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72499 Amplifiers, oscillators and related equipment, n.e.c., as follows: (a) parametric amplifiers with a noise figure of merit of 5 decibels or less measured at a temperature of | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 62.6° F. (17° C.), (b) paramagnetic[1] amplifiers, or (c) other amplifiers or oscillator devices which amplify or oscillate by means of stimulated electromagnetic radiation (including but not limited to Masers, Lasers, and Irasers), and any equipment containing such amplifiers, oscillators or devices (specify by name and model number); and specially designed parts and accessories (specify by name).[2] | | | | | | | | |
| **72499** Other amplifiers, except television transmitter amplifiers, designed to operate at frequencies from 300 up to and including 500 megacycles (specify by name and model number); and specially designed parts and accessories, n.e.c. (specify by name).[2] | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| **72499** Waveguides and components as follows: (a) rigid and flexible waveguides and components designed for use at frequencies over 12,500 megacycles; (b) waveguides having a bandwidth ratio greater than 1.5:1; (c) waveguide components n.e.c. as follows: (i) directional couplers having a bandwidth ratio greater than 1.5:1 and directivity over the band of 15 decibels or more, (ii) rotary joints capable of transmitting more than one isolated channel or having a bandwidth greater than 5 percent of the center mean frequency, (iii) magnetic, including gyromagnetic, waveguide components; (d) pressurized waveguides and specialized components therefor; or (e) transverse electromagnetic (TEM) mode devices using magnetic, including gyromagnetic, properties. (Specify by name and type number.)[2] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72499** Other flexible waveguide and components designed for frequencies up to and including 12,500 megacycles. (Specify by name and type number.)[2] | ..... | 612 | STVWXYZ | — | 500 | 500 | — | |
| **72499** Other waveguides and components of a kind used at frequencies exceeding 600 megacycles and articles of equipment incorporating or designed to be connected or to be incorporated into such waveguides.[2] | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| **72499** Electronic equipment, n.e.c., and electronic components, n.e.c., specially designed for operation at ambient temperatures below minus 130° C. (minus 202° F.) (specify by name and model number); and specially designed accessories, sub-assemblies, parts or components (specify by name).[2] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The term 'paramagnetic' as used in this entry refers to the sensing changes in magnetic field strength by measurement of the effects of such change in the electron spin phenomena.

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72499 Electronic equipment, n.e.c., containing one or more functional circuits, including integrated circuits, with a component density greater than 75 parts per cubic inch (4.575 parts per cubic centimeter); and specially designed circuit assemblies, subassemblies, and parts. (Specify by name and model number.) | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72499 Carrying cases for portable radios; masks (television picture tube frame); screens (television picture tube protectors); television antenna masts, tubular type (telescoping and stationary); and home-type television antennas, including rotor antennas. | ..... | 618 | SZ | — | — | — | — | B |
| 72499 Automobile radio receiver antennas; and parts and accessories, n.e.c., specially designed for home-type radio and television receivers and automobile receivers, *except communications receivers.* | ..... | 618 | SZ *and* East Germany | — | — | — | — | B |
| 72499 Other electronic telecommunications equipment, electronic navigational aids and electronic search and detection apparatus, including radar, n.e.c. (specify by name and model number); and parts and accessories, n.e.c. (Specify by name.) [1] | .....[2] | 618 | SWXYZ | — | — | — | 100 | B |
| 72501 Condensers for domestic refrigerators and food freezers. | No. | 218 | SXYZ | — | — | — | 100 | B |
| 72501 Domestic refrigerators and food freezers, electric; and parts. | .....[3] | 218 | SZ | — | — | — | — | B |
| 72502 Domestic washing machines; and parts. | .....[3] | 218 | SZ | — | — | — | — | B |
| 72503 Electro-mechanical appliances, n.e.c. (includes household type and those used in hotels, restaurants, hospitals, train kitchens, etc.); and parts. | .....[3] | 218 | SZ | — | — | — | — | B |
| 72504 Electric shavers and hair clippers; and parts, except blades and heads. [Report blades and heads for hairclippers and non-electric shavers in Export Control Commodity No. 69603.] | .....[4] | 218 | SZ | — | — | — | — | B |
| 72505 Electron ovens; and specially designed parts. | .....[5] | 608 | SYZ | — | — | — | — | B |
| 72505 Electric steam cabinets for turkish baths; deodorizers; face and hand dryers; and RA Grid heater plates; and parts. | .....[5] | 218 | SXYZ | — | — | — | 100 | B |
| 72505 Galleys, buffet servers, ovens, and other equipment specially designed for aircraft; electric heaters for automotive vehicles; and parts. | .....[5] | 438 | SZ *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report transceivers in "number."

[3] Report refrigerators and freezers in "number."

[4] Report electric shavers in "number."

[5] Report complete cooking ranges, ovens, electric irons and heating appliances in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72505** Other electro-thermic appliances; and electric household type domestic cooking appliances; and parts. | .....[1] | 218 | SZ | — | — | — | — | B |
| **72610** Electro-medical and electro-therapeutic apparatus, other than X-ray, and parts, n.e.c.. [Report X-ray apparatus in Export Control Commodity No. 72620.] | ..... | 628 | SZ | — | — | — | — | B |
| **72620** Flash discharge type X-ray tubes..... | ..... | 621 | STVWXYZ | — | 500 | 50 | — | AFG |
| **72620** X-ray machines having any of the following characteristics: (a) peak power exceeding 500 megawatts, (b) output voltage exceeding 500 kilovolts, or (c) output current exceeding 2,000 amperes with pulse width of 0.2 microseconds or less; and specially designed parts and accessories, n.e.c. | ..... | 622 | STVWXYZ | — | 500 | 100 | — | FG |
| **72620** Parts specially designed for flash discharge type X-ray tubes. | ..... | 621 | STVWXYZ | — | 500 | 100 | — | A |
| **72620** Betatrons, X-ray producing..... | ..... | 622 | STVWXYZ | — | 500 | — | — | |
| **72620** Parts specially designed for X-ray producing betatrons. | ..... | 622 | STVWXYZ | — | 500 | 500 | — | |
| **72620** X-ray diffraction tubes and valves, X-ray diffraction units, and X-ray goniometers; and specially designed parts. (Specify by name.) [Report X-ray powder cameras in Export Control Commodity No. 86140.] | ..... | 628 | SWXYZ | — | — | — | 100 | B |
| **72620** X-ray tubes and valves, medical and dental types only. | ..... | 628 | SZ | 500 | — | — | — | B |
| | | 418 | SWXYZ | — | — | — | 100 | B |
| **72620** Industrial beta, gamma, and X-ray equipment capable of measuring and/or controlling the dimensions of a rolled product (including coating) during its production (specify by name); and specially designed parts and accessories, n.e.c. | ..... | | | | | | | |
| **72620** Other industrial and scientific X-ray equipment; and parts, n.e.c. | ..... | 628 | SXYZ | — | — | — | 100 | B |
| **72620** Other medical and dental X-ray and gamma ray equipment; and medical and dental apparatus based on the use of radiations from radio-active substances; and parts, n.e.c. | ..... | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| **72911** Electro-chemical and radioactive devices for the conversion of chemical energy to electrical energy, having *any* of the following characteristics: (a) fuel cells (including regenerative cells), i.e., cells for generating electric power, to which all the consumable components are supplied from outside the cells, (b) primary cells possessing a means of activation and having an open circuit storage life in the unactivated condition, at a temperature | .....[2] | 601 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete cooking ranges, ovens, electric irons and heating appliances in "number."

[2] Report complete batteries (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| of 70° F. (21° C.), of 10 years or more, (c) primary cells capable of operating at temperatures from below minus 13° F. (minus 25° C.) to above plus 131° F. (plus 55° C.), including cells and cell assemblies (other than dry cells) possessing self-contained heaters, or (d) power sources other than nuclear reactors based on radioactive materials systems, *except those having a power output of less than 0.5 watts in which the ratio of output (in watts) to weight (in pounds) is less than 1 to 2;* and specialized parts, components, and subassemblies therefor. (Specify by name and type.)[1] | | | | | | | | |
| 72911 Flashlight batteries; and parts..... | .....[2] | 218 | SZ | — | — | — | — | B |
| 72911 Other primary batteries and cells; and parts. | .....[2] | 218 | SYZ | — | — | — | — | B |
| 72912 Electrically rechargeable storage cells, hermetically sealed, designed to have a leakage rate of $10^{-5}$ cubic centimeters per second of gas or less when tested under pressure differential of 2 atmospheres; and specialized parts, components and subassemblies therefor. (Specify by name and type.) [1] | .....[2] | 602 | STVWXYZ | — | 500 | 100 | — | |
| 72912 Storage batteries, 6 and 12 volt, lead acid type. | No. | 438 | SXYZ | — | — | — | 100 | B |
| 72912 Battery separators and blanks, wood; and battery parts made of rubber. | .....[3] | 218 | SZ *and* East Germany | — | — | — | — | B |
| 72912 Battery parts made of glass, lead, or zinc. | ..... | 218 | SZ | — | — | — | — | B |
| 72912 Other storage batteries and parts, n.e.c. | .....[2] | 608 | SXYZ | — | — | — | 100 | B |
| 72920 Flash discharge tubes specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| 72920 Photomicrographic arc lamps specially designed for high speed cameras capable of recording in excess of 64 frames per second, or streak cameras having writing speed of 8mm/microsecond and above and/or to be used with photographic micro-flash equipment capable of giving a flash of 1/100,000 second or shorter duration, at a minimum recurrence frequency of 200 flashes per second.[1] | No. | 231 | STVWXYZ | — | 500 | 25 | — | A |
| 72920 Single coil tungsten filaments; and photo-micrographic arc lamps specially designed for high speed cameras capable of recording at rates in excess of 2,000 frames per second. | No. | 238 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] Report complete batteries (assembled or unassembled) in "number."

[3] Report battery boxes in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72920** All filament lamps (bulbs and tubes) up to and including ¾ inch base; filament bulbs over ¾ inch base, *the following only:* carbon filament; clear; frosted; incandescent; metal filament; photoflood; and projection. [Report sealed beam headlamps in Export Control Commodity No. 72942.] | No. | 218 | SZ | — | — | — | — | B |
| **72920** Other electric lamps (bulbs and tubes); and parts. [Report carbons in Export Control Commodity No. 72996, and glass envelopes in No. 66492.] | .....[1] | 218 | SYZ | — | — | — | — | B |
| **Electron tubes and solid state semi-conductor devices, and parts** [Report X-ray tubes in Export Control Commodity No. 72620] [2] | | | | | | | | |
| **72930** Cathode ray tubes as follows: (a) with a resolving power of 500 lines or more per inch (20 lines per millimeter) using the shrinking raster method of measurement, (b) with writing speeds of more than 3000 kilometers per second, (c) with 3 or more electron guns, *except 3-gun color television tubes designed for entertainment use,* or (d) alpha-numeric and similar data or information display tubes, *except those in which the displayed position of each character is fixed.* (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** Other cathode ray tubes with screen afterglow longer than ½ second; and other alpha-numeric and similar data or information display tubes in which the displayed position of each character is fixed. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| **72930** Other cathode ray tubes n.e.c. (Specify by name and type number.) | No. | 618 | SXYZ | — | — | — | 100 | B |
| **72930** Color television picture tubes with three or more electron guns. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| **72930** Other television picture tubes..... | No. | 618 | SZ | — | — | — | — | B |
| **72930** Image intensifiers, image converters and electronic storage tubes, including memory transformers of radar pictures. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** Ruggedized vidicon tubes. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** Commercial standard television broadcasting camera tubes. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report lamps (bulbs) in "number."

[2] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Deparment of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72930 Other television camera tubes. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 500 | — | |
| 72930 Photomultiplier tubes as follows: (a) for which the maximum sensitivity occurs at wavelengths longer than 7,500 angstrom units or shorter than 3,000 angstrom units, or (b) having an anode pulse rise time of less than 2 nanoseconds. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| 72930 Photomultiplier tubes having *all* of the following characteristics: (a) dark current plus noise less than 5 times $10^{-16}$ amperes per square centimeter of active cathode surface, (b) sensitivity exceeding 65 microamperes per lumen, and (c) an over-all gain exceeding 100 million. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 50 | — | |
| 72930 Other photomultiplier tubes and photo tubes, n.e.c. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| 72930 Cold cathode tubes and switches as follows: (a) triggered spark-gaps, having an anode delay time of 15 microseconds or less and rated for a peak current of 3,000 amperes or more, or (b) cold cathode tubes, whether gas filled or not, operating in a manner similar to a spark gap, containing three or more electrodes and having *all* of the following characteristics: (i) rated for an anode peak voltage of 2,500 volts or more, (ii) rated for peak currents of 300 amperes or more, (iii) an anode delay time of 10 microseconds or less, and (iv) an evelope diameter of less than 1 inch (25.4 mm.). (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| 72930 Thyratron and modulator gas-discharge tubes as follows: (a) rated for continuous operation with peak current and peak voltage exceeding 100 amperes and 9000 volts at a pulse repetition frequency of 200 or more pulses per second, or (b) hydrogen thyratrons (i) rated for a peak pulse power of 2 megawatts or more, or (ii) of metal-ceramic construction. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72930 Other hydrogen thyratrons. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 250 | — | |
| 72930 TR and anti-TR tubes, *except those designed for use in waveguides operating at a peak power not exceeding 100 kilowatts and at frequencies between 1,300 and 1,660 megacycles, 2,700 and 3,900 megacycles, or 8,500 and 10,000 megacycles, provided such tubes do* | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *not include a control electrode permitting the control of the ionization by means of an external voltage.* (Specify by name and type number.) | | | | | | | | |
| **72930** Other TR and anti-TR tubes, n.e.c. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 250 | — | |
| **72930** Electron tubes, as follows: (a) tubes rated for continuous wave operation over the frequency range of 300 to 1,000 megacycles for which (at any part of this frequency range and under any condition of cooling) the product of frequency of operation in megacycles squared and the power output in watts from the anode(s) of a single envelope at this frequency exceeds $10^8$ when the tube is operating in Class C telegraphy key down conditions or in Class C FM telephoney conditions or, if performance under these conditions is not known, the product of declared maximum frequency of full ratings in megacycles squared and the maximum rated anode dissipation per tube in watts exceeds 5 times $10^7$ (when applying the above criteria to external anode tubes rated without a radiator, multiply the power rating by 20, and for external anode tubes rated with radiators and optimum cooling procedures, as recommended by the manufacturer, multiply the power rating by 2), (b) tubes rated for operation above 1,000 megacycles, (c) tubes rated for pulse operation above 300 megacycles, (d) tubes constructed with ceramic envelopes and rated for operation above 300 megacycles, (e) tubes, *except conventional types such as diodes, triodes, pentodes, etc.*, in which the velocity of the electrons is utilized as one of the functional parameters (including, but not limited to klystrons, travelling wave tubes and magnetrons, *except fixed frequency pulsed magnetrons designed to operate at frequencies from 9.3 to 9.5 gigacycles per second with a maximum peak output power not greater than 25 kilowatts*), (f) indirectly heated tubes less than 0.283 inch in diameter, (g) tubes designed to withstand an acceleration of short duration (shock) greater than 1,000 *g* (accelerations under gravity), (h) tubes constructed with beryllium oxide ceramics, (i) tubes designed for operation in ambient temperatures above 212° F. (100° C.), or (j) vacuum tubes specially designed for use as pulse modulators for radar or for similar | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| applications, having a peak anode voltage rating of 100 kilovolts or more, or rated for a peak pulse power of 2 megawatts or more. (Specify by type number.) | | | | | | | | |
| 72930 Electron tubes as follows: (a) tubes rated for operation at frequencies between 250 and 1,000 megacycles, *except single-ended glass envelope standard 7-pin miniature or 9-pin noval base tubes having a basic tube type number consisting of a one or two-digit number followed by one or two letters, followed by a single digit (for example, 1S4 6C4, 12X4, 12AU7)*, (b) indirectly heated tubes having a diameter from 0.283 through 0.5 inch, or (c) tubes designed to withstand acceleration of 450 g up to and including 1,000 g. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| 72930 Rectifier bulbs for automotive battery chargers, Geiger-Mueller counter tubes, proportional counter tubes, and electron tube types described or listed in § 399.2, Interpretation 13. (Specify by name and type number.) | No. | 618 | SXYZ | — | — | — | 100 | B |
| 72930 Other electron tubes, n.e.c., including military versions of types described or listed in § 399.2, Interpretation 13. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 250 | — | |
| 72930 Parts and accessories specially designed for electron tubes under Export Control Commodity No. 72930 subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72930 Parts and accessories specially designed for electron tubes under Export Control Commodity No. 72930 which require a validated license to all countries except Canada but are not subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 612 | STVWXYZ | — | 500 | 250 | — | |
| 72930 Parts and accessories specially designed for electron tubes under Export Control Commodity No. 72930 which require a validated license to all destinations except Country Groups T and V. (Specify by name.) | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72930 Other parts and accessories for electron tubes. (Specify by name.) | ..... | 618 | SXYZ | — | — | — | 100 | B |
| 72930 Photocells, as follows: (a) photoelectric cells, photo-conductive cells (including phototransistors and similar cells) with a peak sensitivity at a wavelength longer than 12,000 angstrom units or shorter than 3,000 angstrom | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| units, *except germanium photo devices with a peak response less than 17,500 angstrom units;* or, (b) photo-transistors and photo-diodes with a response time constant of 1 millisecond or less, measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and type number.) | | | | | | | | |
| **72930** Semiconductor devices for the direct conversion of solar energy to electrical energy (solar cells) as follows: (a) photo-voltaic cells with a power output of 8 milliwatts or more per square centimeter under 100 milliwatts per square centimeter tungsten (2800° K) illumination, or (b) all gallium arsenide photo-voltaic cells, *except those having a power output of less than 4 milliwatts measured by the technique employed in (a) above.* | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** Other solar cells and photosensitive semiconductor devices, n.e.c. (Specify by name and type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| **72930** Semiconductor diodes, as follows: (a) any semiconductor diode in which the bulk material is other than silicon, germanium, selenium, or copper-oxide, (b) signal diodes in which the bulk material is silicon or germanium (including mixer, frequency-changing and switching diodes) as follows: (i) point-contact type diodes designed for use at frequencies over 1,000 megacycles, or (ii) junction-type diodes designed for use at input frequencies greater than 300 megacycles or designed for switching rates (repetition frequency) higher than 1 megacycle,[1] (c) power diodes in which the rated maximum recurrent reverse voltage exceeds 1,000 volts per junction at 77° F. (25° C.) under any conditions of cooling, *except those in which the rated forward current per junction under continuous operation exceeds 200 amperes and the rated maximum recurrent reverse voltage does not exceed 1,300 volts per junction,* (d) controlled diodes (i.e., those which operate similarly to grid controlled gas-filled tubes) designed for use at switching rates (repetition frequency) higher than 100 kilocycles, or (e) tunnel diodes. (Specify by type number.)[2] | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] This subitem (subitem (b) (ii)) will normally include switching diodes having a recovery time of less than 0.1 microsecond. The recovery time is to be specified for a decrease of reverse current to a value of 100 microamps, or less, and measured with a forward current and reverse voltage which are typical for the diodes in question.

[2] The maximum recurrent reverse voltage is the maximum value of the periodic overvoltage impressed across the cell or rectifying element in the reverse direction including circuit effects such as commutation, but excluding random transient overvoltages.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72930 Semiconductor diodes, as follows: (a) germanium point contact diodes designed for operation at frequencies below 250 megacycles; (b) germanium junction diodes designed for operation at frequencies of 50 megacycles or less and not designed for switching speeds (repetition frequency) greater than 1 megacycle; (c) silicon regulator (zener) diodes; and (d) silicon junction power diodes (not including radio frequency or switching diodes) having a peak inverse voltage of 1,000 volts per junction or less. (Specify by type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| 72930 Transistors and related devices (or related semiconductor amplifying devices such as fieldistors, spacistors, and technetrons) having *any* of the following characteristics: (a) having four or more active junctions within any single block of semiconductor material, (b) using a bulk semiconductor material other than germanium or silicon, (c) germanium types having either (i) an average $f_T$ of 40 to 240 megacycles and designed to have a maximum collector dissipation greater than 150 milliwatts, or (ii) an average $f_T$ greater than 240 megacycles, or (d) silicon types having any of the following characteristics: (i) an average $f_T$ of up to 500 kilocycles and designed to have a maximum collector dissipation greater than 5 watts, (ii) an average $f_T$ from greater than 500 kilocycles to 3 megacycles and designed to have a maximum collector dissipation greater than 500 milliwatts, (iii) an average $f_T$ from greater than 3 megacycles to 20 megacycles and designed to have a collector dissipation greater than 250 milliwatts, (iv) an average $f_T$ greater than 20 megacycles, (v) majority carrier devices, including but not limited to field effect transistors and metal oxide semiconductor transistors, or (vi) a modulus of the current gain in the common emitter configuration of 10 or more for collector currents of 100 microamperes or less. (Specify by type number.)[1,2] | No. | 611 | STVWXYZ | — | 500 | 25 | — | A |
| 72930 Transistors listed in § 399.2, Interpretation 18. (Specify by type number.) | No. | 618 | SWXYZ | — | — | — | 100 | B |
| 72930 Solid state semiconductor devices, specially designed for operation at ambient temperatures below minus 202° F. (130° C.). (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Where the average $f_T$ is not quoted or known, this value shall be taken as 1.5 times the minimum $f_T$. Where the common base f alpha is quoted instead of $f_T$, $f_T$ may be regarded as 0.8 times f alpha b.

[2] The maximum collector dissipation is to be defined as the continuous dissipation measured at an ambient temperature of 77° F. (25° C.) under any cooling condition.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72930** Semiconductor devices, n.e.c., having junctions and/or combinations of junctions using thermo-electric materials with a maximum product of the figure of merit (Z)[1] and the temperature (T in °K) in excess of 0.75. (Specify by name and characteristics.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** Integrated circuits. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72930** Semiconductor Hall field probes, n.e.c., having any of the following characteristics: (a) made of indium arsenide phosphide (In As P); (b) coated with ceramic or ferritic materials (for example, special field probes, multipliers, modulators, recorder probes, etc.); or (c) with an open circuit sensitivity greater than 0.12 volts per ampere kilograms. (Specify by name and type.) | No. | 611 | STVWXYZ | — | 500 | 50 | — | A |
| **72930** All other transistors, diodes, and solid state semiconductor devices. (Specify by name and type number.) | No. | 612 | STVWXYZ | — | 500 | 100 | — | |
| **72930** Parts and accessories, specially designed for solid state semiconductor devices under Export Control Commodity No. 72930 subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72930** Parts and accessories, specially designed for solid state semiconductor devices under Export Control Commodity No. 72930 which require a validated license to all countries except Canada but are not subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 612 | STVWXYZ | — | 500 | 500 | — | |
| **72930** Other parts and accessories, for solid state semiconductor devices under Export Control Commodity No. 72930. (Specify by name.) | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| **72941** Twenty-four volt electrical systems with circuits shielded against radio interference, fungus decay, and water; and specially designed parts. | ..... | 431 | STVWXYZ | — | 500 | — | — | A |
| **72941** Spark plugs, aircraft and automotive types, and parts. [Report insulators in Export Control Commodity No. 72320.] | .....[2] | 438 | SZ *and* East Germany | — | — | — | — | B |
| **72941** Other electrical starting and ignition equipment, n.e.c., aircraft type, and specially designed parts.[3] | .....[2] | 438 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| **72941** Other electrical starting and ignition equipment, automotive type, and specially designed parts. | .....[2] | 438 | SWXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The figure of merit (Z) equals Seebeck coefficient squared divided by the product of electrical resistivity and thermal conductivity.
[2] Report cranking motors and spark plugs in "number."
[3] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72941 Other electrical starting and ignition equipment for other internal combustion engines; and parts. | .....[1] | 438 | SZ *and* East Germany | — | — | — | — | B |
| 72942 Motor vehicle sealed beam lamps..... | No. | 438 | SWXYZ | — | — | — | 100 | B |
| 72942 Other motor vehicle lighting equipment, signalling equipment, horns, electrical windshield wipers, and defrosters; and parts therefor. | ..... | 438 | SZ *and* East Germany | — | — | — | — | B |
| 72951 Watt-hour meters, non-recording. [Report parts in Export Control Commodity No. 86119.] | No. | 608 | SZ | — | — | — | — | B |
| 72951 Other electricity supply meters. [Report parts in Export Control Commodity No. 86199.] | No. | 608 | SZ *and* East Germany | — | — | — | — | B |
| **Electrical measuring and controlling instruments and apparatus, n.e.c.** [Report parts in Export Control Commodity No. 86199.] | | | | | | | | |
| 72952 Instruments designed for testing or calibrating the following equipment: (a) compasses and gyroscopic equipment, Export Control Commodity Nos. 72952 and 86191, which are subject to the Import Certificate/Delivery Verification Procedure, (b) aircraft integrated flight instrument systems which include gyrostabilizers and/or automatic pilots, (c) gyro-stabilizers *other than those for aircraft control or for stabilizing an entire surface vessel*, (d) automatic pilots *other than those for aircraft or surface vessels*, (e) astro compasses, (f) star trackers, and (g) accelerometers designed for use in inertial navigation systems or in guidance systems. | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Measuring and controlling instruments and apparatus containing crystals having spinel, hexagonal or garnet crystal structures, or containing thin film devices, as follows: (a) single aperture forms having (i) a switching speed of 0.5 microsecond or less at the minimum field strength required for switching at 40° C. (104° F.) or (ii) a maximum dimension less than 45 mils (1.14 mm.), (b) multi-aperture forms having (i) a switching speed of 1 microsecond or less at the minimum field strength required for switching at 40° C. (104° F.), (ii) a maximum dimension less than 100 mils (2.54 mm.), or (iii) having 10 or more apertures, or (c) thin film memory storage or switching devices. (Specify by name and characteristics.) | No. | 601 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete cranking motors and spark plugs in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72952** Electronic measuring, testing, or calibrating instruments having one or more of the following characteristics: (a) designed for use at frequencies in excess of 1,000 megacycles, or (b) testing instruments rated to maintain their specified operating data when operating over a range of ambient temperatures extending from below minus 13° F. (minus 25° C.) to above plus 131° F. (plus 55° C.). (Specify by name and model number.)[1] | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72952** Apparatus for automatically sorting electronic components in respect to their electrical characteristics. (Specify by name and model number.)[1] | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Instruments specially designed for use in the production of electronic valves, transistors, or crystal diodes. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72952** Recording oscillographs used as readout units for telemetering and telecontrol equipment suitable for use with space vehicles or aircraft (piloted or pilotless.) | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72952** Cathode ray oscilloscopes (oscillographs) possessing *any* of the following characteristics: (a) an amplifier bandwidth greater than 30 megacycles per second (defined as the band of frequencies over which the deflection on the cathode ray tube does not fall below 70.7 percent of that at the maximum point measured with a constant input voltage to the amplifier); (b) a time base shorter than 30 nanoseconds per centimeter, including calibrated magnified sweep factor; (c) employing accelerating potentials in excess of 10 kilovolts; (d) containing or designed for the use of a cathode ray tube with three or more electron guns; (e) containing or designed for use of (i) cathode ray memory tubes, or (ii) cathode ray tubes with travelling wave or distributed deflection structure or incorporating other techniques to minimize mismatch of fast phenomena signals to the deflection structure; (f) ruggedized to meet a military specification; (g) rated for operation over a range of ambient temperatures from below minus 13° F. (minus 25° C.) to above plus 131° F. (plus 55° C.); (h) incorporating a calibrated variable sweep delay with an incremental accuracy (measured at the 90 percent delay point) of | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| better than 3 percent; (i) including any device which increases the capabilities of the oscilloscope to enable it to meet specifications (a) or (b) of this entry; or (j) having a rise-time of less than 12 nanoseconds. (Specify by name and model number.)[1] | | | | | | | | |
| 72952 Electronic devices for stroboscopic analysis of a signal (i.e., sampling devices), whether subassemblies or separate units, designed to be used in conjunction with an oscilloscope to permit the analysis of recurring phenomena, which increase the capabilities of an oscilloscope to: (a) permit measurements above 20 megacycles per second, or (b) to permit the achieving in an oscilloscope of a time-base shorter than 40 nanoseconds (0.04 microseconds) per centimeter. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Other cathode ray oscilloscopes (oscillographs) possessing *any* of the following characteristics: (a) an amplifier bandwidth greater than 12 megacycles per second, (b) a time base less than 0.04 microseconds per centimeter, (c) employing accelerating potentials in excess of 5 kilovolts, (d) containing or designed for use of three or more cathode ray tubes, or (e) including any device which increases the capabilities of the oscilloscope to enable it to meet specifications (a) or (b) of this entry. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72952 Other cathode ray oscilloscopes (oscillographs) possessing *any* of the following characteristics: (a) a bandwidth greater than 5 megacycles (defined as the band of frequencies over which the loss does not exceed 3 decibels), or (b) a time base shorter than 0.05 microseconds per centimeter. | No. | 608 | SWXYZ | — | — | — | 100 | B |
| 72952 Other electronic devices for stroboscopic analysis of a signal (i.e., sampling devices), whether subassemblies or separate units designed to be used in conjunction with an oscilloscope to permit the analysis of recurring phenomena which increase the capabilities of an oscilloscope to permit measurement above 15, up to and including 20, megacycles per second. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 500 | 100 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72952** Magnetometers, *except geophysical magnetometers* but including gaussmeters, of the following types: (a) fluxgate, (b) electron-beam sensing, (c) paramagnetic,[1] (d) nucleonic, and (e) Hall Effect. (Specify by name.) | No. | 601 | STVWXYZ | — | 500 | 250 | — | A |
| **72952** Radio spectrum analyzers possessing *any* of the following characteristics: (a) designed to operate at frequencies exceeding 1,000 megacycles, (b) designed to operate at frequencies over 300 megacycles and using interchangeable heads and incorporating integral sweep facilities, or (c) having a display bandwidth in excess of 12 megacycles. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Measuring, calibrating, counting, and time interval measuring equipment whether or not incorporating frequency standards, having one or more of the following characteristics: (a) consisting of, or containing frequency measuring equipment or frequency standards designed for other than ground laboratory use with an accuracy better than 1 part in $10^7$; (b) consisting of, or containing ground laboratory or frequency measuring equipment incorporating frequency standards with a stability over 24 hours of 1 part in $10^9$ or better; (c) designed for use at frequencies in excess of 1,000 megacycles; (d) designed to provide a multiplicity of alternative output frequencies controlled by a lesser number of piezoelectric crystals or an internal or external frequency standard, *except equipment in which the output frequency is selected only by manual operation either on the equipment or on a remote control unit and (i) those forming multiples of a common control frequency, or (ii) those in which the output frequency is a multiple of a common frequency which is not less than 1:1,000 part of the oscillator frequency and is in steps of 1 kilocycle or greater;* (e) counting equipment capable of resolving at normal input levels successive input signals with less than 0.1 microsecond time difference; or (f) time interval measuring equipment containing counting equipment as specified in part (e) above. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72952** Instruments, n.e.c., designed for operation at frequencies from 300 megacycles up to and including 1,000 megacycles. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 1,000 | 1,000 | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The term "paramagnetic" as used in this entry refers to the sensing of changes in magnetic field strength by measurement of the effects of such changes in the electron spin phenomena.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72952 Other measuring, calibrating, counting, and time interval measuring equipment with *any* of the following characteristics: (a) frequency measuring instruments having an accuracy better than 0.00001 percent, (b) capable of resolving (at normal input levels) successive input signals with less than 0.5 microsecond time difference (including time interval measuring equipment containing such counters), or (c) designed to provide a multiplicity of alternative out-put frequencies controlled by a lesser number of piezo-electric crystals or an internal or external frequency standard and not forming multiples of a common control frequency. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72952 Instruments specially designed for: (a) testing communications equipment employing tropospheric, ionospheric or meteoric scatter phenomena, or (b) testing telemetering and telecontrol equipment suitable for use with space vehicles or aircraft. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Instruments specially designed for testing the following equipment which is subject to the Import Certificate/Delivery Verification procedure: (a) torquers and synchronous motors, Export Control Commodity No. 72210; (b) linear and nonlinear potentiometers, Export Control Commodity No. 72220; (c) semiconductor Hall field probes, Export Control Commodity Nos. 72930 and 72999; (d) analog-to-digital and digital-to-analog converters, Export Control Commodity No. 72952; (e) synchros and resolvers and special instruments rated to have the same characteristics, induction potentiometers, induction rate (tachometer) generators, and servo-motors, Export Control Commodity No. 72999; or (f) electronic or magnetic amplifiers specially designed for use with resolvers, Export Control Commodity No. 86199. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 72952 Instruments specially designed for testing or calibrating the direction finding, radar, or navigation equipment included under Export Control Commodity No. 72499 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72952** Instruments designed for testing the types of electric arc devices under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name and model number.) | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Instruments designed for testing ball-and-disc or cylinder-and-ball mechanical integrators, mechanical ball resolvers, and electro-optical devices designed to monitor relative rotation of remote surfaces, Export Control Commodity No. 86191. | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Voltmeters, with a full scale sensitivity of 10 nanovolts or less. | No. | 602 | STVWXYZ | — | 500 | 500 | — | |
| **72952** Waveform analyzing and/or testing instruments operating at frequencies of 300 megacycles per second or less. (Specify by name and model number.) | No. | 608 | SWXYZ | — | — | — | 100 | B |
| **72952** Radio testing instruments or apparatus, n.e.c.; digital voltmeters; and electrometers capable of measuring currents smaller than 0.01 microamperes. | No. | 608 | SWXYZ | — | — | — | 100 | B |
| **72952** Electrical quantity measuring and indicating instruments specially designed for aircraft (for example, current and voltage meters, phase meters, frequency meters, etc.). | No. | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E-2 |
| **72952** Aircraft instruments for measuring, indicating or controlling nonelectrical quantities by electrical or electronic means (for example, transducers, generators, indicators, regulators or controllers for pressure, level, vacuum, flow, temperature, rotative speed, vibration, etc.). | No. | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E-2 |
| **72952** Other instruments for measuring, indicating, recording, controlling, or testing electrical or electronic quantities or characteristics, n.e.c. | No. | 608 | SXYZ | — | — | — | 100 | B |
| **72952** Personal nuclear radiation monitoring instruments enabling direct reading on a graduated scale as follows: (a) dosimeters, where more than one fourth of the total single exposure range falls between 15 and 500 rads or roentgens, or (b) dose rate meters, where more than one fourth of the total range falls between 1 and 80 rads or roentgens per hour, *except dosimeters and dose rate meters specially designed for use with medical radiation equipment or used in food and plastics processing.*[1] | No. | 621 | STVWXYZ | — | 500 | 25 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Nuclear radiation detection and measuring devices (including components, parts accessories, attachments and associated equipment therefor), except such devices as are in normal commercial use, require export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72952 Nuclear radiation detection and measuring instruments designed to measure neutron flux in connection with the determination of the power level of an operating nuclear reactor.[1] | No. | 622 | STVWXYZ | — | 500 | — | — | |
| 72952 Nuclear radiation dosimeters capable of measuring dosages between 5 and 15 roentgens or over 500 roentgens in one exposure.[1] | No. | 622 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72952 Other nuclear radiation dosimeters capable of measuring dosages above 5 roentgens in one exposure.[1] | No. | 622 | STVWXYZ | — | 500 | 500 | — | |
| 72952 Nuclear radiation detection and measuring instruments and apparatus, electrical, magnetic, or electronics, specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.).[1] | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Other nuclear radiation detection and measuring instruments and apparatus.[1] | No. | 628 | SXYZ | — | — | — | 100 | B |
| 72952 Underwater detection apparatus, and specialized component instruments (for example, hydrophones), *except marine depth sounders of a kind used solely for measuring the depth of water or the distance of submerged objects or fish and/or whales vertically below the apparatus.* (Specify by name and model number.) [2] | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Other underwater detection apparatus, n.e.c. (Specify by name and model number.) [2] | No. | 618 | SWXYZ | — | — | — | 100 | B |
| 72952 Analog-to-digital and digital-to-analog converters as follows: (a) electrical-input types possessing (i) a peak conversion rate capability in excess of 50,000 complete conversions per second, (ii) an accuracy in excess of 1 part in more than 10,000 of full scale, or (iii) a figure of merit of 5 times $10^4$ or more (derived from the number of complete conversions per second divided by the accuracy), (b) mechanical-input types (including but not limited to shaft-position encoders and linear displacement encoders, but excluding complex servo-follower systems): (i) rotary types having an accuracy of maximum incremental accuracy better than plus or minus 1 part in 10,000 of full scale, or of size 11 (1.1 inches in diameter) and smaller, (ii) linear displacement types having an accuracy better than plus or minus 5 microns, (c) employing solid state Hall effect, or (d) designed to operate below minus | No. | 601 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see ¶ 399.1 pages 1, 2, and 3.

[1] Nuclear radiation detection and measuring devices (including components, parts, accessories, attachments and associated equipment therefor), except such devices as are in normal commercial use, require export authorization from the U. S. Department of State. See paragraph 370.5(a).

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 67° F. (minus 55° C.) or above plus 257° F. (plus 125° C.). (Specify model or type number.) | | | | | | | | |
| **72952** Numerical control systems specially designed for controlling coordinated simultaneous (contouring and continuous path) machining movements in a machine-tool in two or more axes. [Report machine-tool controls other than electric or electronic in Export Control Commodity No. 71954.] (See § 399.2, Interpretation 7.) | No. | 421 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Electronic closed loop feed back control systems for metalworking machine tools, designed solely for positioning operations. (See § 399.2, Interpretation 7.) | No. | 422 | STVWXYZ | — | 500 | 100 | — | |
| **72952** Combination balancing and correcting machines designed for or equipped with numerical control systems specially designed for controlling coordinated simultaneous (contouring and continuous path) movements in two or more axes. (See § 399.2, Interpretation 7.) | No. | 421 | STVWXYZ | — | 500 | — | — | A |
| **72952** Combination balancing and correcting machines designed for or equipped with electronic closed loop control systems designed solely for positioning operations. (See § 399.2, Interpretation 7.) | No. | 422 | STVWXYZ | — | 500 | — | — | |
| **72952** Numerical control servo-driven measuring or gauging machines specially designed for measuring at any point of the contour the dimensional shape and contour characteristics of two- or three-dimensional objects, including objects of revolution. | No. | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **72952** Other balancing machines or balancing and correcting machines for balancing metal parts statically, dynamically or both. | No. | 428 | SWXYZ | — | — | — | 100 | B |
| **72952** Other electronic industrial process control systems. (Specify by name.) | No. | 411 | STVWXYZ | — | 500 | 100 | — | |
| **72952** Geophysical magnetomers of the following types: (a) fluxgate, (b) electron beam sensing, (c) paramagnetic,[1] (d) nucleonic, and (e) Hall Effect. (Specify by name.) | No. | 401 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Well-logging instruments and equipment. | No. | 402 | STVWXYZ | — | 500 | 100 | — | E–12 |
| **72952** Magnetic recorders and reproducers specially designed for seismographs. [Report seismic magnetic tapes in Export Control Commodity No. 89120.] | No. | 401 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The term "paramagnetic" as used in this entry refers to the sensing of changes in magnetic field strength by measurement of the effects of such changes in the electron spin phenomena.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72952 Other seismic or seismograph equipment, *except observatory type and subsurface engineering type.* (Specify by name.) [Report gravity meters in Export Control Commodity No. 86191.] | No. | 402 | STVWXYZ | — | 500 | 100 | — | |
| 72952 Other geophysical and mineral prospecting equipment, electric. | No. | 408 | SXYZ | — | — | — | 100 | B |
| 72952 Instruments specially designed for measuring and checking gas turbine blades. | No. | 421 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Other size measuring instruments..... | No. | 428 | SWXYZ | — | — | — | 100 | B |
| 72952 Automatic equipment for controlling diameter or the concentricity of extruded dielectric or wires and cables. | No. | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Chemical analysis equipment, qualitative and quantitative (chemical analytical equipment utilizing chemical and/or physical separation analytical principles). (Specify by name.) | No. | 412 | STVWXYZ | — | 500 | 500 | — | |
| 72952 Process control instruments specially designed or modified for controlling the processing of irradiated fissionable or fertile materials and lithium. | No. | 411 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Instruments or devices capable of controlling the dimensions of a rolled product during its production. [Report industrial x-ray equipment in Export Control Commodity No. 72620.] (Specify by name.) | No. | 418 | SWXYZ | — | — | — | 100 | B |
| 72952 Vacuum gauges, ionization type, designed for use with ion vacuum pumps having pumping speeds of 800 or more liters of hydrogen per second at pressures of $10^{-6}$ mm. of mercury or more. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| 72952 Other vacuum gauges, ionization type.. | No. | 412 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72952 Compasses and gyroscopic equipment as follows: (a) gyro compasses possessing one or more of the following characteristics: (i) automatic correction for the effects on compass accuracy of changes in ship's speed, acceleration, accuracy of changes in ship's speed, acceleration, or latitude, (ii) provision for accepting ship's data as an electrical input, (iii) provision for setting in corrections for current set and drift, (iv) utilization of accelerometer, rate gyro, rate integrating gyros, or electrolytic levels as sensing devices, (v) provision for determining and electrically transmitting ship's level reference data (roll, pitch) in addition to own ship's course data; (b) integrated flight instrument systems for aircraft which include gyro-stabilizers and/or automatic pilots; (c) gyro-stabilizers used for other pur- | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| poses than aircraft control, *excluding those for stabilizing an entire surface vessel;* (d) automatic pilots used for other purposes than aircraft control *excluding marine type for surface vessels;* (e) gyros with a rated free directional drift rate (rated free precession) of less than 0.5 degrees per hour in a 1 g environment; and (f) gyro compasses which incorporate gyros described in (a) above or which, when operated in a gyro compass mode, have a compass error, before compensation, due to gyro drift rate of less than $1/50$ of a radian ($6/\pi$ degrees) at 0 degrees latitude. (Specify by name and model number.) | | | | | | | | |
| **72952** Instruments or devices capable of automatically measuring the speed of sound *in situ* in water, and rated for differential sensitivity measurements of 1 part in 5,000 parts or better; and equipment containing such instruments or devices. | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Centrifugal-action testing equipment. (Specify by name.) | No. | 411 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Gear testers designed for the testing of gears of diametral pitch finer than 48. (See § 399.2, Interpretation 3.) | No. | 412 | STVWXYZ | — | 500 | 100 | — | |
| **72952** Testing devices specially designed for testing electronic assemblies produced by depositing or printing on insulating panels, plates, or wafers or by otherwise forming *in situ* component parts other than basic wiring. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| **72952** Testing devices specially designed for testing electronic assemblies produced by: (a) automatically inserting and/or soldering components on insulating panels, plates, or wafers to which wiring is applied by printing or other means, or (b) automatically or semi-automatically assembling, wiring, and/or packaging mounted modular insulated panels, plates, or wafers. | No. | 412 | STVWXYZ | — | 500 | — | — | |
| **72952** Testing equipment specially designed for use in the manufacture and assembly of communication, navigation, direction-finding, and radar equipment. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| **72952** Testing and inspecting machines specially designed for the examination, testing and checking of arms, munitions, and implements of war.[1] | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| **72952** Vibration testing equipment capable of providing a thrust greater than 2,000 lbs. | No. | 411 | STVWXYZ | — | 500 | 500 | — | AFG |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Arms, munitions and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72952 Environmental chambers capable of pressures of 26 Torr or less, including those with a pressure capability only and those which also have a capability of simulating other environments, such as radiation and temperature. | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| 72952 Industrial instruments (including sensing elements) capable of operation at, or performing tests at, temperatures below minus 130° C. (minus 202° F.). | No. | 412 | STVWXYZ | — | 500 | 100 | — | |
| 72952 Testing and inspecting equipment specially designed for use in the production of types of electronic tubes and semi-conductor devices or parts and components therefor included under Export Control Commodity No. 72930 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | No. | 411 | STVWXYZ | — | 500 | — | — | A |
| 72952 Other testing and inspecting equipment specially designed for use in the production of electronic tubes and semi-conductor devices or parts and components therefor. (Specify by name.) | No. | 412 | STVWXYZ | — | 500 | — | — | |
| 72952 Other industrial process indicating, recording, and/or controlling instruments containing one or more electronic components (incorporating one or more electronic tubes or transistors), *except large case potentiometric instruments (that is, those with one face dimension 6 inches or larger)*. (Specify by name.) | No. | 412 | STVWXYZ | — | 1,000 | 1,000 | — | E–9 |
| 72952 Test benches, electric or electronic, for aircraft systems and components. | No. | 438 | SXYZ | — | — | — | 100 | B |
| 72952 Test benches, electric or electronic, for vehicles and watercraft. | No. | 438 | SZ *and* East Germany | — | — | — | — | B |
| 72952 Refrigerator defrosting clocks..... | No. | 438 | SZ | — | — | — | — | B |
| 72952 Other time interval measuring equipment having one or both of the following characteristics: (a) capable of measuring time intervals of 0.1 second or less with an error not exceeding 1 microsecond plus 0.001 percent of the interval measured, (b) incorporating counting circuits capable of counting at rates in excess of 1 megacycle per second. (Specify by name and model number.) | No. | 602 | STVWXYZ | — | 500 | 100 | — | |
| 72952 Instruments containing Laser devices. (Specify by name and model number.) | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72952 Mass spectrographs and mass spectrometers, as follows: (a) all multifocus types (including double focus, tandem and cyclo- | No. | 621 | STVWXYZ | — | 500 | — | — | AFG |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| dial); or (b) single focus types possessing a radius of curvature of 5 inches or more. (Specify by name, model and number.) | | | | | | | | |
| **72952** Other mass spectrographs and mass spectrometers, *except mass spectrometer type leak detectors.* (Specify by name and model number.) | No. | 622 | STVWXYZ | — | 500 | — | — | FG |
| **72952** Electro-optical instruments designed to monitor relative rotation of remote surfaces. | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Electrophotometers, spectrographs, spectrophotometers, densitometers, microphotometers, and other spectrum measuring instruments, optical. | No. | 628 | SWXYZ | — | — | — | 100 | B |
| **72952** Research laboratory cryogenic instruments and apparatus, electrical, magnetic or electronic, specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.). | No. | 621 | STVWXYZ | — | 500 | 100 | — | A |
| **72952** Other research laboratory instruments and apparatus capable of maintaining an ambient temperature below minus 202° F. (minus 130° C.). (Specify by name.) | No. | 622 | STVWXYZ | — | 500 | 100 | — | |
| **72952** Other electric or electronic laboratory and scientific instruments for indicating, measuring, testing, inspecting, or controlling nonelectrical quantities. | No. | 628 | SXYZ | — | — | — | 100 | B |
| **72952** Other physical properties testing and products testing and inspecting machines or equipment, n.e.c., incorporating circuitry designed to use two or more electronic tubes or transistors. (Specify by name.) | No. | 412 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **72952** Other electric or electronic instruments for indicating, measuring, testing, inspecting, or controlling nonelectrical quantities. | No. | 418 | SYZ | — | — | — | — | B |
| **72960** Electromechanical hand tools; and parts. | .....[1] | 608 | SZ *and* East Germany | — | — | — | — | B |
| **72970** Belt-type electro-static generators (Van De Graaff® machines). | No. | 602 | STVWXYZ | — | 500 | — | — | |
| **72970** Parts specially designed for belt-type electrostatic generators (Van De Graaff® machines). | ..... | 602 | STVWXYZ | — | 500 | 500 | — | E-6 |
| **72970** Neutron generators employing the electrostatic acceleration of ions. | No. | 622 | STVWXYZ | — | 500 | — | — | FG |
| **72970** Accelerators, as follows: (a) betatrons, synchrotrons, cyclotrons, synchrocyclotrons, and linear accelerators, (b) electron accelerators capable of imparting energies in excess of | No. | 622 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report portable electric drills in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 500,000 electron volts, and (c) other electronuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or an ion. | | | | | | | | |
| 72970 Neutron generator tubes designed for operation without external vacuum system, and utilizing electrostatic acceleration to induce a tritium deuterium nuclear reaction. | No. | 621 | STVWXYZ | — | 500 | — | — | AFG |
| 72970 Parts specially designed for neutron generators employing the electrostatic acceleration of ions. | ..... | 622 | STVWXYZ | — | 500 | 500 | — | FG |
| 72970 Parts specially designed for electronuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or ion. | ..... | 622 | STVWXYZ | — | 500 | 25 | — | |
| 72970 Other parts specially designed for betatrons, synchrotrons, cyclotrons, synchrocyclotrons, electron accelerators capable of imparting energies in excess of 500,000 electron volts, and other linear accelerators. | ..... | 622 | STVWXYZ | — | 500 | 500 | — | |
| 72970 Other electron and proton accelerators; and parts. | ..... | 628 | SXYZ | — | — | — | 100 | B |
| 72991 Magnets specially designed for electronuclear machines capable of imparting energies in excess of 1,000,000 electron volts to a nuclear particle or an ion. | ..... | 622 | STVWXYZ | — | 500 | 25 | — | |
| 72991 Superconducting magnets specially designed for operation at temperatures below minus 130° C. (minus 202° F.) | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| 72991 Electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders, specially designed for metalworking machines and machine tools (Export Control Commodity No. 71510) which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| 72991 Electrical apparatus specially designed for operation at temperatures below minus 202° F. (minus 130° C.); and specially designed parts. (Specify by name.) | ..... | 421 | STVWXYZ | — | 500 | 100 | — | A |
| 72991 Permanent magnets having any of the characteristics set forth in § 399.2, Interpretation 6. (Give metal analysis.) | Lb. | 261 | STVWXYZ | — | 500 | 25 | — | A E-8 |
| 72991 Other electro-magnetic and permanent magnet chucks, clamps, vices and similar work holders for metalworking machines and machine tools. | ..... | 428 | SWXYZ | — | — | — | 100 | B |
| 72991 Other permanent magnets, electro-magnets, and electro-magnetic appliances. | .....[1] | 268 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report permanent magnets in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72992** Induction hardening machines for tank turret rings and sprockets; and furnaces, welding apparatus and other equipment specially designed for the production of arms, munitions, or implements of war.[2] (Specify by name, type and characteristics.) | .....[1] | 601 | STVWXYZ | — | 500 | — | — | A |
| **72992** Electric vacuum furnaces as follows: (a) consumable electrode vacuum arc furnaces with a capacity in excess of 5 tons, (b) skull type vacuum arc furnaces, (c) electron beam vacuum furnaces, (d) resistance vacuum furnaces designed to operate at temperatures higher than 3002° F. (1650° C.), *except (i) furnaces for heat treatment, 12 inches x 12 inches x 12 inches (304 mm. x 304 mm. x 304 mm.) (28,320 cubic centimeters), designed for temperatures not higher than 4172° F. (2300° C.), (ii) furnaces for heat treatment, up to 600 cubic centimeters, designed for temperatures not higher than 4860° F. (2700° C.), and (iii) melting furnaces up to 3,200 cubic centimeters, designed for temperatures not higher than 4172° F. (2300° C.),* (e) cold crucible vacuum induction furnaces designed to operate at pressures lower than 0.1 millimeter of mercury and at temperatures higher than 2012° F. (1100° C.), or (f) vacuum induction furnaces other than cold crucible, designed to operate at temperatures higher than 3002° F. (1650° C.), *except furnaces with work piece space of 13,000 cubic centimeters or less and designed to operate not higher than 3452° F. (1900° C.), and furnaces with work piece space of 3,200 cubic centimeters or less with no single dimension (length, width, height or diameter) of that space in excess of 10 inches and designed to operate at temperatures not higher than 2300° C. (4172° F.).* (Specify by name and characteristics.) | No. | 601 | STVWXYZ | — | 500 | — | — | A |
| **72992** Electric furnaces specially designed or modified to be capable of purifying or processing one or more semiconductor materials, *except equipment specially designed for the zone purification of germanium.* (Specify by name and characteristics.) | No. | 601 | STVWXYZ | — | 500 | — | — | A |
| **72992** Electric furnaces specially designed for the production or processing of vapor deposited (pyrolytic) graphite or doped graph- | No. | 602 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete furnaces, ovens, heating units and welders (assembled and unassembled) in "number."

[2] Arms, munitions and implements of war are all items designated in paragraph 370.5(a), I through XIX.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| ites whether as standing bodies, coatings, linings, or substrates. (Specify by name and characteristics.) | | | | | | | | |
| 72992 Other electric industrial melting, refining and metal heat-treating furnaces. (Specify by name and characteristics.) | No. | 602 | STVWXYZ | — | 500 | — | — | |
| 72992 Parts and attachments specially designed for the furnaces under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure; and parts, accessories and attachments specially designed for induction hardening machines, furnaces, welding apparatus and other equipment specially designed for the production of arms, munitions, or implements of war. (Specify by name and type of equipment.) | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72992 Other parts and attachments for furnaces under Export Control Commodity No. 72992 which require a validated license to all destinations but are not subject to the Import Certificate/Delivery Verification procedure. (Specify by name and type of furnace.) | ..... | 602 | STVWXYZ | — | 1,000 | 1,000 | — | |
| 72992 Ovens, infra-red and high frequency, for biscuit baking, industrial; and parts. | .....[1] | 418 | SZ | — | — | — | — | B |
| 72992 Electric arc devices, n.e.c., for generating a flow of ionized gas in which the arc column is constricted, *except (i) devices wherein the flow of gas is for isolation purposes only, and (ii) devices of less than 80 kilowatts for cutting, welding, plating and/or spraying;* equipment incorporating such devices; and specially designed parts, accessories and controls, n.e.c. | .....[1] | 601 | STVWXYZ | — | 500 | — | — | A |
| 72992 Electric arc devices of less than 80 kilowatts which utilize or generate a flow of ionized gas for cutting, welding, plating and/or spraying; equipment incorporating such devices; and specially designed parts, accessories and controls, n.e.c. | .....[1] | 602 | STVWXYZ | — | 500 | — | — | |
| 72992 Electron beam welders, *except equipment using the "sparking" technique, or continuous vacuum roll coating machines having a voltage not in excess of 20 KV, having a fixed electron beam gun and no accurate control of the thickness of the deposited layer.* | No. | 601 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete furnaces, ovens, heating units and welders (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72992** Parts and accessories specially designed for electron beam welders under Export Control Commodity No. 72992 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72992** Automatic pipe welding machines capable of welding the joints of steel pipe of a size greater than 19 inches o.d. | No. | 602 | SVWXYZ | — | — | — | — | |
| **72992** Parts and accessories specially designed for automatic pipe welding machines capable of welding the joints of steel line pipe of a size greater than 19 inches o.d. | ..... | 602 | SVWXYZ | — | — | 1,000 | — | |
| **72992** Dental furnaces, electric; and parts.... | .....[1] | 608 | SZ | — | — | — | — | B |
| **72992** Other electric furnaces, ovens, electric induction and dielectric heating equipment, and electric welding machines; and parts, accessories, and attachments, n.e.c. | .....[1] | 608 | SXYZ | — | — | — | 100 | B |
| **72993** Railway traffic control equipment; and parts. (Specify by name.) | ..... | 438 | SXYZ | — | — | — | 100 | B |
| **72993** Traffic signal lights; and parts..... | ..... | 608 | SZ | — | — | — | — | B |
| **72993** Other electric traffic control equipment; and parts. | ..... | 608 | SXYZ | — | — | — | 100 | B |
| **72994** Flashing, intermittent, and rotating lights for aircraft; aircraft alarm, warning, and signalling instruments, n.e.c. (for example, fire detectors and indicators, engine failure indicators, wheel, flap, cowl flap, control position indicators, etc.); and parts. | ..... | 438 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| **72994** Other electric sound or visual signalling apparatus, n.e.c.; and parts. | ..... | 608 | SXYZ | — | — | — | 100 | B |
| **72995** Electronic capacitors designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 49° F. (minus 45° C.) to above plus 212° F. (plus 100° C.) or at ambient temperatures of 392° F. (200° C.) or higher (specify by name and type number).[2] | No. | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72995** Tantalum or niobium electrolytic capacitors as follows: (a) types designed to operate permanently at temperatures over 185° F. (85° C)., (b) sintered types, *except those having a casing made of epoxy resin or sealed with epoxy resin*, or (c) foil types. (Specify by name and type number.) | No. | 611 | STVWXYZ | — | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report complete furnaces, ovens, heating units and welders (assembled or unassembled) in "number."

[2] The range of ambient temperatures from below minus 45° C. (minus 49° F.) to above plus 100° C. (plus 212° F.) defines the range at which the component may still be used without derating.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 72995 Parts, n.e.c., specially designed for the electronic component capacitors under Export Control Commodity No. 72995 subject to the Import Certificate/Delivery Verification procedure. Specify by name and by type of capacitor.) | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| 72995 Sintered electrolytic tantalum capacitors having a casing made of epoxy resin or sealed with epoxy resin; and specially designed parts. (Specify by name and type number.) | .....[1] | 612 | STVWXYZ | — | 500 | 500 | — | |
| 72995 Other tantalum electrolytic capacitors; and parts. (Specify by name and type number.) | .....[1] | 618 | SWXYZ | — | — | — | 100 | B |
| 72995 Other capacitors for electronic applications; and parts. (Specify by name and type number.) | .....[1] | 618 | SXYZ | — | — | — | 100 | B |
| 72995 Ignition capacitors (condensers) designed for aircraft, and parts. | .....[1] | 438 | SWXYZ *and* Rep. So. Africa | — | — | — | 100 | B |
| 72995 Ignition capacitors (condensers), designed for automotive vehicles and parts. | .....[1] | 438 | SWXYZ | — | — | — | 100 | B |
| 72995 Power capacitors (static condensers) for power factor correction. | No. | 608 | SZ | — | — | — | — | B |
| 72995 Other capacitors (condensers), n.e.c.; and parts. | .....[1] | 608 | SXYZ | — | — | — | 100 | B |
| 72996 Electrical carbons, *except carbon brushes*, artificial graphite, whether or not containing other materials to give improved performance at high temperatures, having an apparent relative density of 1.90 and greater, *except non-pyrolytic graphite of density between 1.90 and 1.95 when compared to water at 15.5° C. (60° F.).* | .....[2] | 601 | STVWXYZ | — | 500 | 500 | — | A E–6 |
| 72996 Electrical carbons, *except carbon brushes*, artificial graphite, smallest dimension 2 inches or over, *and* having a boron content of one part per million or less. (Specify size and boron content in parts per million.) | .....[2] | 601 | STVWXYZ | — | 500 | 500 | — | A E–6 |
| 72996 Other pyrolytic graphite electrical carbons. | .....[2] | 602 | STVWXYZ | — | 500 | 500 | — | |
| 72996 Other electrical carbons, *except carbon brushes*, artificial graphite, smallest dimension 2 inches or over. (Specify size and boron content in parts per million.) | .....[2] | 602 | STVWXYZ | — | 1,000 | 1,000 | — | E–6 |
| 72996 Electrical carbon brushes; and other brush plates, carbon and graphite electrodes for furnace or electrolytic cell use; and lighting carbons. | .....[2] | 608 | SZ *and* East Germany | — | — | — | — | B |
| 72996 Other electrical carbons, n.e.c. [Report articles of carbon or graphite for other than electrical purposes in Export Control Commodity No. 66363.] | ..... | 608 | SYZ | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report capacitors (condensers) in "number."

[2] Report electrodes for furnace or electrolytic use in "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **Electronic and electrical parts of machinery and appliances, n.e.c.:** | | | | | | | | |
| **72998** Electronic resistive inductive and/or capacitive components, n.e.c., designed for and/or capable of reliable performance in relation to their electrical and mechanical characteristics and maintaining their design service lifetime while operating over the whole range of ambient temperatures from below minus 49° F. (minus 45° C.) to above plus 212° F. (plus 100° C.) or at ambient temperatures of 392° F. (200° C.) or higher; and specially designed parts. (Specify by name and type number.) [1] | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |
| **72998** Radiant energy type thermal detecting cells (for example, bolometers and thermocouple detectors) with a response time constant of less than 10 milliseconds measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and model number.) [2] | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72998** Quartz crystals and assemblies thereof in any stage of fabrication (worked, semi-finished or mounted), as follows: (a) for use as filters: (i) specially designed crystals, or (ii) assemblies of crystals, or (b) for use as oscillators: (i) designed for operation over a temperature range wider than 70°C., (ii) designed for a frequency stability of plus or minus 0.003 percent or better over the rated temperature range, (iii) mounted in glass holders, (iv) mounted in thermocompression welded metal holders, or (v) capable, when mounted, of being passed through a circular hole with a diameter of 0.42 inches (10.7 mm). (Specify by name and type number.) | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| **72998** Other quartz crystals, mounted. (Specify by name and type number.) [Report unmounted in Export Control Commodity No. 66700.] | ..... | 612 | STVWXYZ | — | 500 | 500 | — | |
| **72998** Electronic components, n.e.c., as follows: (a) consisting of or containing assemblies and subassemblies constituting one or more functional circuits with a component density greater than 75 parts per cubic inch (4.575 parts per cubic centimeter), or (b) modular insulator panels (including wafers) mounting single or multiple electronic elements, *except panels constructed of paper* | ..... | 611 | STVWXYZ | — | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The range of ambient temperatures from below minus 49° F. (minus 45° C.) to above plus 212° F. (plus 100° C.) defines the range at which the component may still be used without derating.

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| *base phenolics, glass cloth melamine, glass cloth epoxy resins, or other materials with an operating temperature range not exceeding that of the aforementioned materials and which are not types defined in (a) above or which incorporate any semiconductors, diodes, transistors, etc. which are subject to the Import Certificate/Delivery Verification procedure under Export Control Commodity No. 72930.* (See § 373.2.) | | | | | | | | |
| 72998 Electronic components and parts as follows: thin film memory storage or switching devices; electrical filters in which the coupling elements make use of the electromechanical properties of ferrites; devices employing gyromagnetic resonance effects, including microwave ferrite and garnet devices; and other electronic components and parts containing crystals having spinel, hexagonal, or garnet crystal structures as follows: (a) monocrystals of ferrites and garnets, synthetic, (b) single-aperture forms having (i) switching speed of 0.5 microsecond or less at the minimum field strength required for switching at 104° F. (40° C.), or (ii) a maximum dimension less than 45 mils (1.14 mm.), or (c) multiaperture forms having (i) switching speed of 1 microsecond or less at the minimum field strength required for switching at 104° F. (40° C.), (ii) a maximum dimension less than 100 mils (2.54 mm.), or (iii) having ten or more apertures. (Specify by name and characteristics.) | ..... | 611 | STVWXYZ | — | 500 | 100 | — | A |
| 72998 Parts and components fabricated of beryllium oxide ceramic. (Specify by name.) | ..... | 612 | STVWXYZ | — | 500 | 100 | — | |
| 72998 Other electronic components, n.e.c., designed to operate over the range of ambient temperatures from below minus 49° F. (minus 45° C.) to above plus 212° F. (plus 100° C.) or at ambient temperatures of 392° F. (200° C.) or higher; and specially fabricated parts, n.e.c. (Specify by name and type number.) | ..... | 612 | STVWXYZ | — | 500 | 500 | — | |
| 72998 Bakelite® knobs; cabinets, *except wood;* fiber washers; lightning arrestors; lightning protectors; pilot lamp holders; and serrated washers. | ..... | 618 | SZ | — | — | — | — | B |
| 72998 Other electronic components and parts, n.e.c. (Specify by name.) | ..... | 618 | SWXYZ | — | — | — | 100 | B |
| 72998 Other electrical components and parts, n.e.c. | ..... | 608 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **72999** Signal generators specially designed for testing or calibrating the direction finding, radar, or navigation equipment included under Export Control Commodity Nos. 72499 and 86191; and specially designed parts. (Specify by name and model number.) | .....[1] | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72999** Pulse generators specially designed for use with magnetic core testers; and specially designed parts. | .....[1] | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72999** Signal generators having *either* of the following characteristics: (a) designed to operate at frequencies in excess of 1,000 megacycles, or (b) rated to maintain their specific operating data when operating over a range of ambient temperatures extending from below minus 25° C. (minus 13° F.) to above plus 55° C., (plus 131° F.) and specially designed parts. (Specify by name and model number.) | .....[1] | 601 | STVWXYZ | — | 500 | 500 | — | A |
| **72999** Other signal generators operating at frequencies of 300 megacycles and over; and specially designed parts. (Specify by name and model number.) | .....[1] | 602 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **72999** Synchros and resolvers having *any* of the following characteristics: (a) a rated electrical error of 10 minutes or less, or of 0.25 percent or less of maximum output voltage, (b) a rated dynamic accuracy for receiver types of 1° or less, except that for units of size 30 (3 inches in diameter) or larger a rated dynamic accuracy of less than 1°, (c) multispeed from single shaft types, (d) of size 11 (1.1 inches in diameter) and smaller, (e) employing solid state Hall effect, (f) designed for gimbal mounting, or (g) designed to operate below minus 67° F. (minus 55° C.) or above plus 257° F. (125° C.) (specify by name and model number); and specially designed parts and accessories, n.e.c. | ..... | 601 | STVWXYZ | — | 500 | — | — | A |
| **72999** Other instruments which perform functions similar to synchros or resolvers (for example, Microsyns, Synchrotel®, and Inductosyns®, and which have *any* of the following characteristics: (a) a rated electrical error of 10 minutes or less, or of 0.5 percent or less of maximum output voltage, or (b) a rated dynamic accuracy for receiver types of 1° or less, except that for units of size 30 (3 inches | ..... | 601 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

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[1] Report complete generators (assembled or unassembled) in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| in diameter) or larger a rated dynamic accuracy of less than 1° (specify by name and model number); and specially designed parts and accessories, n.e.c. | | | | | | | | |
| 72999 Other servo control units, synchros, resolvers, linear induction potentiometers, and induction rate generators; and specially designed parts and accessories, n.e.c. [Report servo motors in Export Control Commodity No. 72210.] | ..... | 602 | STVWXYZ | — | 500 | 500 | — | |
| 72999 Induction potentiometers (including function generators and linear synchros), linear and nonlinear, having *any* of the following characteristics: (a) a rated conformity of 0.5 percent or less, or of 18 minutes or less, (b) of size 11 (1.1 inches in diameter) and smaller, (c) employing solid state Hall effect, (d) designed for gimbal mounting, or (e) designed to operate below minus 67° F. (minus 55° C.) or above plus 257° F. (125° C.) (specify by name and model number); and specially designed parts and accessories, n.e.c. | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72999 Induction rate (tachometer) generators, synchronous and asynchronous, having *any* of the following characteristics: (a) a rated linearity of 0.5 percent or less, (b) all temperature-compensated or temperature-corrected types, (c) of size 11 (1.1 inches in diameter) and smaller, (d) employing solid state Hall effect, or (e) designed to operate below minus 67° F. (minus 55° C.) or above plus 257° F. (125° C.) (specify by name and model number); and specially designed parts and accessories, n.e.c. | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| 72999 Semiconductor Hall field probes having *any* of the following characteristics: (a) made of indium-arsenide-phosphide (In As P), (b) coated with ceramic or ferritic materials (for example, special field probes such as tangential field probes, multipliers, modulators, recorder probes, etc.), or (c) with an open circuit sensitivity greater than 0.12 volts per ampere kilogauss; and specially designed parts and accessories, n.e.c. | ..... | 601 | STVWXYZ | — | 500 | 50 | — | A |
| 72999 Thermoelectric devices, as follows: (a) junctions and combinations of junctions using any thermoelectric material having a maximum product of the figure of merit (Z) [1] and the temperature (T in °K) in excess of 0.75, (b) heat absorbing and/or electrical power | ..... | 601 | STVWXYZ | — | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The figure of merit (Z) equals Seebeck coefficient squared, divided by the product of electrical resistivity and thermal conductivity.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| generating devices containing any of the aforementioned junctions, or (c) other power generating devices which generate in excess of 10 watts per pound or 500 watts per cubic foot of the devices' basic thermoelectric components [1] (specify by name and model number); and specially designed parts, components, and sub-assemblies, n.e.c. | | | | | | | | |
| **72999** Electrical apparatus, specially designed for operation at temperatures below minus 202° F. (minus 130° C.) and specially designed parts. (Specify by name.) | ..... | 601 | STVWXYZ | — | 500 | 100 | — | A |
| **72999** Electrical apparatus, n.e.c., and parts, n.e.c., *the following only:* drive-in windows for bank deposits, electrically operated; fountains, decorative; insect control units; insect killers; metal signs, electric; neon signs, neorite units (control of neon sign animation); sign flashers; sign letters, signs, electric; window-opening devices, commercial-type, electrically operated. | ..... | 608 | SZ | — | — | — | — | B |
| **72999** Electric windshield wipers, and parts, n.e.c., except for motor vehicles. [Report electric windshield wipers for motor vehicles in Export Control Commodity No. 72942.] | ..... | 438 | SXYZ | — | — | — | 100 | B |
| **72999** Other electrical apparatus, n.e.c., and parts, n.e.c.[2] | ..... | 608 | SXYZ | — | — | — | 100 | B |
| **TRANSPORT EQUIPMENT** | | | | | | | | |
| **73101** Industrial and mining type locomotives. [Report parts in Export Control Commodity No. 73170.] | No. | 408 | SXYZ | 500 | — | — | 100 | B |
| **73101** Railway locomotives, including tenders. [Report electrical controls in Export Control Commodity No. 72220, and other parts in No. 73170.] | No. | 438 | SXYZ | 500 | — | — | 100 | B |
| **73105** Industrial and mine rail cars. [Report parts in Export Control Commodity No. 73170.] | No. | 408 | SXYZ | 500 | — | — | 100 | B |
| **73105** Railway cars equipped with jacketed containers for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for | No. | 431 | STVWXYZ | 500 | 500 | 500 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] The weight and cubic measurements in part (c) of this entry are not intended to encompass the complete device, but to include only the thermoelectric elements and assembly and the components for *pumping calories*. Other components, such as heating and/or cooling sources or containers, device frames or stands, and control equipment, are not to be included in the calculations.

[2] Mine detectors require export authorization from the U. S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) with other insulating systems, designed for only liquid oxygen, nitrogen or argon and having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[1, 2] | | | | | | | | |
| 73105 Railway cars, equipped with other jacketed containers of 500 gallons capacity or over for the transportation of liquefied gases.[1] | No. | 432 | STVWXYZ | 500 | 500 | 500 | — | |
| 73105 Other railroad and street cars, excluding locomotives. [Report parts in Export Control Commodity No. 73170.] [3] | No. | 438 | SXYZ | 500 | — | — | 100 | B |
| 73163 Containers suitable for transport by rail, road, and ship, all metals, jacketed only, for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) with other insulating systems, designed only for liquid oxygen, nitrogen or argon and having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[1, 2] | No. | 431 | STVWXYZ | 500 | 500 | 500 | — | A |
| 73163 Other containers suitable for transport by rail, road, and ship, all metals, jacketed only, 500 gallon capacity or over, for the transportation of liquefied gases.[1] | No. | 432 | STVWXYZ | 500 | 500 | 500 | — | |
| 73163 Other road-rail and similar containers suitable for transport by rail, road, or ship. | No. | 438 | SXYZ | 500 | — | — | 100 | B |
| 73170 Parts, n.e.c., for industrial mine and rail cars. | ..... | 408 | SXYZ | 500 | — | — | 100 | B |
| 73170 Axles and wheels for locomotives and railway cars. | Lb. | 268 | SZ | 500 | — | — | — | B |
| 73170 Other parts for railway locomotives and rolling stock, n.e.c. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| 73201 Military passenger cars, possessing or built to current military specifications differing materially from ther normal commercial specifications. (See § 399.2, Interpretation 19.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] Armored railroad cars require export authorization from the U. S. Department of State. See paragraph 270.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **73201** Other military passenger cars..... | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73201** Nonmilitary passenger cars having front and rear axle drive. | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73201** Other nonmilitary passenger cars..... | No. | 438 | SXYZ | — | — | — | 100 | B |
| **73202** Military and nonmilitary motor vehicles equipped with jacketed containers for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) with other insulating systems, designed only for liquid oxygen, nitrogen or argon *and* having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[1, 2] | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **73202** Military and nonmilitary motor vehicles equipped with other jacketed containers of 500 gallons capacity or over for the transportation of liquefied gases.[1] | No. | 432 | STVWXYZ | — | 500 | — | — | |
| **73202** Military trucks, truck chassis, and truck tractors, possessing or built to current military specifications differing materially from their normal commercial specifications. (See § 399.2, Interpretation 19.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **73202** Other military trucks, truck chassis, and truck tractors. | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73202** Nonmilitary trucks, truck chassis, and truck tractors, having front and rear axle drive. | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73202** Other nonmilitary trucks, truck chassis and truck tractors. | No. | 438 | SXYZ | — | — | — | 100 | B |
| **73203** Off-highway trucks and trailers which possess or are built to current military specifications differing materially from normal commercial specifications.[3] (See § 399.2, Interpretation 19.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| **73203** Other off-highway trucks and trailers (including logging trailers), having an axle load rating of 47,500 lbs, or more for any one axle assembly (whether the axle assembly consists of one or two axles.) (Specify type and axle load rating.) [3] | No. | 402 | SVWXYZ | — | — | — | — | E-11 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] "Off-highway" vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing have an overall width of over 98 inches as measured from outside of rear tires.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 73203 Other off-highway trucks and trailers (including logging trailers).[1] | No. | 408 | SXYZ | — | — | — | 100 | B |
| 73203 Military searchlight trucks (trucks mounted with power-controlled searchlights designed for military use). (Specify by name.) | No. | 601 | STVWXYZ | — | 500 | — | — | A |
| 73203 Other searchlight trucks..... | No. | 608 | SXYZ | — | — | — | 100 | B |
| 73203 Trucks mounted with telecommunications equipment (including radar). [See Export Control Commodity No. 72499.] (Specify mounted equipment.) | No. | Export controls applicable to vehicles included in this entry are those which apply to the equipment mounted on the vehicle. | | | | | | |
| 73203 Truck-mounted excavator-type power cranes and shovels, full revolving, possessing or built to current military specifications differing materially from normal commercial specifications *and* specially designed for airborne transport. (See § 399.2, Interpretation 19.) | No. | 401 | STVWXYZ | — | 500 | — | — | A |
| 73203 Other truck-mounted excavator-type power cranes and shovels, full revolving, over 1 cu. yd. dipper capacity, or over 30 tons crane lifting capacity. (Specify type and capacity.) | No. | 402 | SVWXYZ | — | — | — | — | E-11 |
| 73203 Other truck cranes, drag lines and shovels. | No. | 408 | SXYZ | — | — | — | 100 | B |
| 73203 Military and nonmilitary vehicles equipped with jacketed containers for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) designed only for liquid oxygen, nitrogen or argon and having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[2, 3] | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| 73203 Pressure refuelers. (Specify whether military or nonmilitary.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| 73203 Military and nonmilitary vehicles equipped with other jacketed containers of 500 gallons capacity or over for the transportation of liquefied gases.[2] | No. | 432 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] "Off-highway" vehicles are interpreted, for purposes of export control, to be those which, without modification by increase of standard tire size and/or spacing have an overall width of over 98 inches as measured from outside of rear tires.

[2] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[3] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **73203** Other vehicles which possess or are built to current military specifications differing materially from normal commercial specifications. (See § 399.2, Interpretation 19.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **73203** Other special-purpose military vehicles, all types; and other special-purpose nonmilitary vehicles having front and rear-axle drive. | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73203** Special purpose vehicles specially designed or equipped for geophysical use (for example, well-logging, seismograph, etc.) | No. | 402 | STVWXYZ | — | 500 | 100 | — | E-12 |
| **73203** Special purpose vehicles specially designed or equipped for oilfield use (for example, cementing, perforating, acidizing, fracturing, etc.) | No. | 402 | SVWXYZ | — | — | 500 | — | E-12 |
| **73203** Truck-mounted rotary drill rigs incorporating rotary tables with drawworks designed for an input of 150 horsepower and over. | No. | 402 | SVWXYZ | — | — | — | — | |
| **73203** Other truck-mounted drill rigs..... | No. | 408 | SXYZ | — | — | — | 100 | B |
| **73203** Truck-mounted concrete mixers (built-in mixers); mobile bituminous combination batching-mixing outfits; mobile gravel and tar spreaders; mobile derricks; snow plows, road motor, self-propelled with built-in equipment; Towermobiles®; and rubber-tired mine shuttle cars. | No. | 408 | SYZ | — | — | — | — | B |
| **73203** Truck carriers, nonmilitary, specially designed for mounting excavator type power cranes and shovels full revolving, over 1 cubic yard dipper capacity or over 30 tons crane lifting capacity. (Specify type and capacity of mounted unit.) | No. | 402 | SVWXYZ | — | — | — | — | |
| **73203** Other special-purpose nonmilitary vehicles. | No. | 438 | SXYZ | — | — | — | 100 | B |
| **73204** Motor busses which possess or are built to current military specifications differing materially from normal commercial specifications. (See § 399.2, Interpretation 19.) | No. | 431 | STVWXYZ | — | 500 | — | — | A |
| **73204** Other military busses; and nonmilitary busses having front and rear axle drive. | No. | 438 | SWXYZ | — | — | — | 100 | B |
| **73204** Other nonmilitary busses..... | No. | 438 | SXYZ | — | — | — | 100 | B |
| **73205** Truck bodies equipped with or consisting of jacketed containers for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multi-laminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or | No. | 431 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) with other insulating systems, designed only for liquid oxygen, nitrogen or argon *and* having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[1, 2] | | | | | | | | |
| 73205 Truck bodies equipped with or consisting of other jacketed containers of 500 gallons capacity or over for the transportation of liquefied gases.[1] | No. | 432 | STVWXYZ | — | 500 | — | — | |
| 73205 Other military truck bodies..... | No. | 438 | SWXYZ | — | — | — | 100 | B |
| 73205 Other military bus bodies..... | No. | 438 | SWXYZ | — | — | — | 100 | B |
| 73205 Other nonmilitary truck bodies; and all nonmilitary bus bodies. | No. | 438 | SXYZ | — | — | — | 100 | B |
| 73280 Parts and accessories specially designed for wheel tractors of 125 power takeoff horsepower or over, *except contractors' off-highway tractors.* | ..... | 202 | SVWXYZ | — | — | — | — | |
| 73280 Other parts and accessories for wheel tractors, *except contractors' off-highway tractors.* | ..... | 208 | SYZ | — | — | — | — | B |
| 73280 Parts and accessories specially designed for the following tractors when possessing or built to current military specifications differing materially from their normal commercial specifications: (a) off-highway wheel tractors, and (b) tracklaying tractors. (Specify that parts and accessories are for military type tractors.) (See § 399.2, Interpretation 19.) | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| 73280 Parts and accessories, *except cabs and cab guards* (*canopy tops*), specially designed for nonmilitary type tractors and off-the-road vehicles as follows: (a) off-highway wheel tractors of 135 horsepower or over, and (b) tracklaying tractors of 135 horsepower or over. (Specify that parts and accessories are for nonmilitary type tractor and specify horsepower.)[3] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-11 |
| 73280 Other parts and accessories for nonmilitary type off-highway wheel tractors and other track-laying tractors. (Specify that parts and accessories are for nonmilitary type tractor and specify horsepower.)[3] | ..... | 408 | SXYZ | — | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] For export control purposes the horsepower to be used is the horsepower at the flywheel that the basic engine (with fan, water pump and oil pump) is capable of producing at governed speed, corrected to standard conditions of 60° F. and barometer (dry) of 29.92 inches of mercury.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **73280** Parts and accessories specially designed for off-highway trucks and trailers possessing or built to current military specifications differing materially from normal commercial specifications. (See § 399.2, Interpretation 19.) | ..... | 401 | STVWXYZ | — | 500 | — | — | A |
| **73280** Parts and accessories specially designed for other off-highway trucks and trailers (including logging trailers), having an axle load rating of 47,500 pounds or more for any one axle assembly (whether the axle assembly consists of one or two axles). | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-11 |
| **73280** Other parts and accessories for off-highway trucks and trailers (including logging trailers). | ..... | 408 | SXYZ | — | — | — | 100 | B |
| **73280** Parts, n.e.c., for nonmilitary truck carriers, specially designed for mounting excavator power cranes and shovels, nonmilitary, full revolving, over 1 cubic yard dipper capacity or over 30 tons crane lifting capacity. (Specify type and capacity of mounted equipment.) [Report parts for mounted equipment in Export Control Commodity No. 71842.] | ..... | 402 | SVWXYZ | — | — | 1,000 | — | E-12 |
| **73280** Functional parts specially designed for automotive vehicles possessing or built to current military specifications differing materially from normal commercial specifications. (See § 399.2, Interpretation 19.) | ..... | 431 | STVWXYZ | — | 500 | — | — | A |
| **73280** Parts and components for pressure refueling equipment. | ..... | 431 | STVWXYZ | — | 500 | 500 | — | A |
| **73280** Other parts and accessories designed for, or intended for use on, military vehicles. | ..... | 438 | SWXYZ | — | — | — | 100 | B |
| **73280** Other parts and accessories specially designed for front and rear axle drive nonmilitary vehicles. | ..... | 438 | SWXYZ | — | — | — | 100 | B |
| **73280** Heaters for nonmilitary vehicles; and parts. | ..... | 438 | SZ *and* East Germany | — | — | — | — | B |
| **73280** Other parts and accessories for nonmilitary vehicles. [Report truck body tanks in Export Control Commodity No. 73205.] | ..... | 438 | SXYZ | — | — | — | 100 | B |
| **73291** Motorcycles, motor bikes, and motor scooters under 300 pounds weight. | No. | 438 | SZ | — | — | — | — | B |
| **73291** Other motorcycles, motor bikes, and motor scooters. | No. | 438 | SZ *and* East Germany | — | — | — | — | B |
| **73292** Parts and accessories for motorcycles, motor bikes, and motor scooters, under 300 pounds weight. | ..... | 438 | SZ | — | — | — | — | B |
| **73292** Parts and accessories for other motorcycles, motor bikes, and motor scooters. | ..... | 438 | SZ *and* East Germany | — | — | — | — | B |
| **73300** Logging wagons; and parts. [Report off-highway trucks and trailers in Export Control Commodity No. 73203.] | ..... | 208 | SZ *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 73300 Farm wagons, drays, and trailers; and parts. | ..... | 208 | SZ | — | — | — | — | B |
| 73300 Military and nonmilitary trailers or other vehicles, n.e.c., equipped with jacketed containers for the transportation of liquefied gases at temperatures below minus 274° F. (minus 170° C.), as follows: (a) with multilaminar type insulation under vacuum, (b) with other insulating systems, having a liquid capacity of 250 gallons or more *and* specially designed for use with liquid fluorine or for gases boiling below minus 328° F. (minus 200° C.), *and* having an evaporation loss rate of less than 3 percent per day, or (c) with other insulating systems, designed *only* for liquid oxygen, nitrogen or argon and having a capacity in excess of 1,200 gallons (4,542 liters) *and* an evaporation loss rate of less than 1.5 percent per day.[1, 2] | ..... | 431 | STVWXYZ | — | 500 | — | — | A |
| 73300 Military and nonmilitary trailers, n.e.c., or other vehicles equipped with other jacketed containers of 500 gallons capacity or over for the transportation of liquefied gases. [Report containers designed for mounting on trailers or other vehicles in Export Control Commodity Nos. 69221-69229, 69892, 69899 or 73163.] [1] | ..... | 432 | STVWXYZ | — | 500 | — | — | |
| 73300 Other parts designed for, or intended for use on, military trailers. | ..... | 438 | SWXYZ | — | — | — | 100 | B |
| 73300 Other nonmilitary commercial trailers, and parts. | ..... | 438 | SXYZ | — | — | — | 100 | B |
| 73300 Other trailers and vehicles, n.e.c., and parts, n.e.c. [Report off-highway trucks and trailers in Export Control Commodity No. 73203.] | .....[3] | 218 | SZ | — | — | — | — | B |
| 73410 Nonmilitary helicopters as follows: (a) over 10,000 pounds empty weight, or (b) 10,000 pounds or less empty weight of types which have been in normal civil use for one year or less, *except piston engine powered.* (Specify make and model.) [4, 5] | No. | 431 | STVWXYZ | — | 500 | — | — | AFG |
| 73410 Nonmilitary aircraft, heavier-than-air, of types which have been in normal civil use for one year or less *except piston engine powered.* (Specify make and model.) [4] | No. | 431 | STVWXYZ | — | 500 | — | — | AFG |
| 73410 Other nonmilitary helicopters and aircraft. (Specify make and model.) [4] | No. | 432 | STVWXYZ | — | 500 | — | — | FG |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A jacketed container is a thermos type container that has more than one wall and is insulated by a vacuum or by insulation material.

[2] Average evaporation loss is to be calculated as a percentage of the total liquid capacity of the container under ambient temperature conditions of plus 75° F. (plus 24° C.) or higher and without exposure to direct sunlight.

[3] Report cycles in "number."

[4] Helicopters designed, modified, or equipped for military purposes, including reconnaissance, and all other military heavier-than-air aircraft and specially designed parts therefore require export authorization from the U.S. Department of State. See paragraph 370.5(a) and § 399.2, Interpretation 20.

[5] Empty weight of aircraft includes the structure, engines, fixed equipment and all furnishings, but does not include fuel or payload.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **73491** Nonmilitary airships; nonexpansive balloons of less than 3,000 cubic feet capacity; and nonexpansive balloons in normal sporting use, of 3,000 cubic feet capacity or over.[1] | No. | 432 | STVWXYZ | — | 500 | — | — | |
| **73491** Pilot balloons wholly made of fluorocarbon polymers or copolymers.[2] | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| **73491** Meteorological; and other pilot balloons. | No. | 218 | SXYZ | — | — | — | 100 | B |
| **73492** Parts and accessories specially designed for helicopters, aircraft, airships, and balloons *and* wholly made of fluorocarbon polymers or copolymers (including parts for propellers, landing gear, and power transmissions).[1, 2, 3] | ..... | 431 | STVWXYZ | — | 500 | 25 | — | A E–2 |
| **73492** Power transmission systems for nonmilitary helicopters over 10,000 pounds empty weight; and specially designed parts. (Specify make and model of helicopter.)[2, 4] | ..... | 431 | STVWXYZ | — | 500 | — | — | A E–2 |
| **73492** Other power transmission systems for other nonmilitary helicopters; and parts. (Specify make and model of helicopter.)[2] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **73492** Rotors and rotor blades for nonmilitary helicopters: (a) over 10,000 pounds empty weight, and (b) 10,000 pounds or less empty weight of types which have been in normal civil use for one year or less, *except piston engine powered;* and parts. (Specify make and model of helicopter.)[2, 4] | ..... | 431 | STVWXYZ | — | 500 | — | — | A E–2 |
| **73492** Other rotors, rotor blades and propellers for helicopters, aircraft, airships, and balloons; and parts. (Specify make and model.)[1, 2] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **73492** Landing gear assemblies specially designed for: (a) aircraft which have been in normal civil use for one year or less, *except piston engine powered;* and (b) nonmilitary helicopters (i) over 10,000 pounds empty weight, and (ii) 10,000 pounds or less empty weight of types which have been in normal civil use for one year or less, *except piston engine powered;* and parts. (Specify make and model.)[2, 4] | ..... | 431 | STVWXYZ | — | 500 | 500 | — | A E–2 |
| **73492** Other landing gear assemblies for helicopters, aircraft, airships, and balloons; and parts. (Specify make and model.)[1, 2] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E–2 |
| **73492** Parts and accessories specially designed for nonmilitary helicopters: (a) over 10,000 pounds empty weight; and (b) 10,000 pounds or less empty weight of types which have been | ..... | 431 | STVWXYZ | — | 500 | — | — | A E–2 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U.S. Department of State for nonexpansive balloons of 3,000 cubic feet capacity or over, except types in normal sporting use.

[2] Helicopters designed, modified, or equipped for military purposes, including reconnaissance, and all other military heavier-than-air aircraft and specially designed parts therefor require export authorization from the U.S. Department of State. See paragraph 370.5(a) and § 399.2, Interpretation 20.

[3] See § 399.2, Interpretation 22.

[4] Empty weight of aircraft includes the structure, engines, fixed equipment and all furnishings, but does not include fuel or payload.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| in normal civil use for one year or less, *except piston engine powered.* (Specify make and model of helicopter.) [1,2] | | | | | | | | |
| 73492 Parts and accessories specially designed for aircraft, heavier-than-air, which have been in normal civil use for one year or less, *except piston engine powered*, the following only: (a) fuselages or hulls, (b) wings, wing panels and sections, or (c) rudders, elevators and stabilizers. (Specify make and model.) [1, 2] | ..... | 431 | STVWXYZ | — | 500 | — | — | A E-2 |
| 73492 Other parts and accessories, n.e.c., for helicopters, aircraft, airships, and balloons. (Specify make and model.) [1] | ..... | 432 | STVWXYZ | — | 1,000 | 1,000 | — | E-2 |
| 73580 Ships, boats and other vessels, for breaking up (for scrapping). [3] | S. ton | 268 | SWXYZ | 500 | — | — | 100 | B |
| 73593 Pontoons, metal, for supporting temporary bridges. | ..... | 268 | SWXYZ | 500 | — | — | 100 | B |
| 73593 Buoys, all metals; pontoons for pipe lines, iron or steel; and fiber glass swimming pools, floating. | ..... | 268 | SZ *and* East Germany | 500 | — | — | — | B |
| 73593 Other floating structures, other than vessels, n.e.c. [3] | ..... | 268 | SXYZ | 500 | — | — | 100 | B |
| 73600 Parts and accessories specifically ordered and invoiced as original equipment previously shipped. | Export controls applicable to each commodity exported under this classification are those which apply to the commodity when exported under its individual Export Control Commodity Number. | | | | | | | |
| **SECTION 8—MISCELLANEOUS MANUFACTURED ARTICLES** | | | | | | | | |
| **SANITARY, PLUMBING, HEATING AND LIGHTING FIXTURES AND FITTINGS** | | | | | | | | |
| 81210 Central heating apparatus, and parts, n.e.c. | ..... [4] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 81220 Water closet sets, and sanitary and plumbing fixtures and fittings, ceramic, n.e.c. | ..... [5] | 218 | SZ | 500 | — | — | — | B |
| 81230 Lavatories, sinks, and other sanitary and plumbing fixtures, specially designed for aircraft; and parts. | ..... [5] | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| 81230 Bathtubs, lavatories, sinks and other plumbing fixtures and fittings, and sanitary fittings, n.e.c., of iron or steel, whether or not enameled. | ..... [5] | 218 | SZ | 500 | — | — | — | B |
| 81241 Vapor-proof electric light fixtures..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Helicopters designed, modified, or equipped for military purposes, including reconnaissance, and all other military heavier-than-air aircraft and specially designed parts therefor require export authorization from the U. S. Department of State. See paragraph 370.5(a) and § 399.2, Interpretation 20.

[2] Empty weight of aircraft includes the structure, engines, fixed equipment and all furnishings, but does not include fuel or payload.

[3] See paragraph 370.5(e) for information concerning export requirements for watercraft, including offshore drilling platforms requiring export authorization from the U. S. Maritime Administration.

[4] Report warm air furnaces and central heating steel boilers in "number."

[5] Report ceramic water closet sets, and iron or steel bathtubs, lavatories, sinks and other plumbing fixtures in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **81241** Railroad reflector signals..... | ..... | 408 | SXYZ | 500 | — | — | 100 | B |
| **81241** Other illuminating or signalling glassware, and parts, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **81242** Landing lights and other lighting fixtures specially designed for aircraft. | ..... | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| **81242** Headlamps and other lighting fixtures designed for locomotives and railway cars. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| **81242** Explosion-proof lighting fixtures; and vapor-proof lighting fixtures. | No. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **81242** Other lighting fixtures and equipment of base metal, n.e.c.; and parts. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **81243** Portable electric battery and magneto lamps, and parts. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **FURNITURE** | | | | | | | | |
| **82102** Furniture designed specifically for medical, dental, surgical, or veterinary use; and beauty and barber shop chairs similar to dentists' chairs; and parts, n.e.c. | ..... | 218 | SZ | — | — | — | — | B |
| **82103** Mattresses, mattress supports, and similar stuffed furnishings, n.e.c., cotton. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **82103** Other mattresses, mattress supports, and similar stuffed furnishings, n.e.c.; and bedsprings, including cushion springs and spring construction units. | .....[2] | 218 | SZ | 500 | — | — | — | B |
| **82108** Furniture specially designed for aircraft; and parts, n.e.c. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| **82108** Plastic furniture; and laboratory furniture, metal; and parts, n.e.c. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **82108** Other furniture and parts, n.e.c..... | .....[3] | 218 | SZ | 500 | — | — | — | B |
| **TRAVEL GOODS, HANDBAGS, AND OTHER PERSONAL GOODS** | | | | | | | | |
| **83100** Travel goods, handbags, and other personal goods of cotton. | .....[4] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **83100** Other travel goods, handbags, and other personal goods. | .....[4] | 218 | SZ | 500 | — | — | — | B |
| **CLOTHING AND ACCESSORIES** | | | | | | | | |
| [Report military apparel in Export Control Commodity No. 95200; and used civilian clothing in No. 26700.] | | | | | | | | |
| **84111** Men's and boys' outergarments (excludes shirts), not knit or crocheted: (a) | Lb.[5] | 218 | Z *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report lighting fixtures and lamps in "number."
[2] Report bedsprings, including cushion springs and spring construction units in "pound."
[3] Report convertible sofas, jackknife sofabeds, studio beds, and vertical record metal filing cabinets in "number."
[4] Report handbags, purses, and luggage in "number."
[5] Report the following in both "dozen" and "pound": coats, suits, jackets, trousers, slacks, shorts, and robes.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| wholly or in chief weight of cotton or wool, or (b) safety apparel and raincoats, all materials. | | | | | | | | |
| 84111 Other men's and boys' outergarments (excludes shirts), not knit or crocheted. | Lb.[1] | 218 | Z | — | — | — | — | B |
| 84112 Women's, misses', girls', children's and infants' outergarments, including blouses, waists, and blouse shirts, not knit or crocheted: (a) wholly or in chief weight of cotton or wool, or (b) safety apparel; and raincoats, all materials. | Lb.[2] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84112 Other women's, misses', girls', children's and infants' outergarments, including blouses, waists, and blouse shirts, not knit or crocheted. | Lb.[2] | 218 | Z | — | — | — | — | B |
| 84113 Men's and boys' undergarments, including outer shirts, not knit or crocheted, wholly or in chief weight of cotton or wool. | Lb.[3] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84113 Other men's and boys' undergarments, including outer shirts, not knit or crocheted. | Lb.[3] | 218 | Z | — | — | — | — | B |
| 84114 Women's, girls' and infants' undergarments (excluding blouse shirts), not knit or crocheted, wholly or in chief weight of cotton or wool. | Lb.[4] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84114 Other women's, girls' and infants' undergarments, excluding blouse shirts, not knit or crocheted. | Lb.[4] | 218 | Z | — | — | — | — | B |
| 84121 Handkerchiefs, wholly or in chief weight of cotton. | Doz.[5] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84121 Other handkerchiefs ..... | Doz.[5] | 218 | Z | — | — | — | — | B |
| 84125 Corsets, brassieres, and girdles of cotton or other textile fibers, n.e.c., *except rubberized.* | Lb.[6] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84125 Other corsets, brassieres, girdles, garters, and similar articles, including such articles of knit or crocheted fabric, whether or not elastic. | Lb.[6] | 218 | Z | — | — | — | — | B |
| 84126 Gloves and mittens, not knit or crocheted, wholly or in chief weight cotton or wool. | Doz. pr.[7] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84126 Other gloves and mittens, not knit or crocheted, other than leather. | Doz. pr.[7] | 218 | Z | — | — | — | — | B |
| 84127 Cuffs and collars, wholly or in chief weight of cotton or wool; and neckties, cravats, mufflers, and scarves, not knit or crocheted, all materials. | Lb. | 218 | Z *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report coats, suits, trousers, slacks, shorts, and robes in both "dozen" and "pound."

[2] Report the following in both "dozen" and "pound": (a) women's and misses' dresses and robes of all fibers, blouses of cotton, wool or man-made fibers, and coats, suits, jackets, skirts, slacks, and shorts of cotton; and (b) girls', children's and infants' dresses and blouses of cotton, wool or man-made fibers, and coats, suits, jackets, slacks, shorts, playsuits, and robes of cotton.

[3] Report the following in both "dozen" and pound": nightwear and shirts of cotton, wool, or man-made fibers; and undershorts of cotton.

[4] Report pajamas and other nightwear of cotton, wool, or man-made fibers, in both "dozen" and "pound."

[5] Report handkerchiefs in both "dozen" and "pound."

[6] Report brassieres, corsets and girdles in both "dozen" and "pound."

[7] Report all items in this entry in both "dozen pair" and "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **84127** Other cuffs and collars | Lb. | 218 | Z | — | — | — | — | B |
| **84129** Clothing accessories, not knit or crocheted, wholly or chief weight of cotton or wool, n.e.c. | Lb. | 218 | Z *and* East Germany | — | — | — | — | B |
| **84129** Other clothing accessories, not knit or crocheted, of other textile fabric, n.e.c. | Lb. | 218 | Z | — | — | — | — | B |
| **84130** Safety apparel and clothing accessories of leather. | Lb.[1] | 218 | Z *and* East Germany | — | — | — | — | B |
| **84130** Other apparel and clothing accessories of leather. | Lb.[1] | 218 | Z | — | — | — | — | B |
| **84141** Gloves, knit or crocheted, wholly or in chief weight of cotton or wool. | Doz. pr.[2] | 218 | Z *and* East Germany | — | — | — | — | P |
| **84141** Other gloves, knit or crocheted, not elastic or rubberized. | Doz. pr.[2] | 218 | Z | — | — | — | — | B |
| **84142** Hosiery, not elastic or rubberized, wholly or in chief weight of cotton or wool. | Doz. pr.[2] | 218 | Z *and* East Germany | — | — | — | — | B |
| **84142** Other hosiery, not elastic or rubberized. | Doz. pr.[2] | 218 | Z | — | — | — | — | B |
| **84143** Undergarments, including shirts, knit or crocheted, wholly or in chief weight of cotton or wool. | Lb.[3] | 218 | Z *and* East Germany | — | — | — | — | B |
| **84143** Other undergarments, including shirts, knit or crocheted. | Lb.[3] | 218 | Z | — | — | — | — | B |
| **84145** Knitted or crocheted elastic fabric and articles thereof, *except ankle supports, kneepads, and wristlets.* | Lb. | 218 | Z *and* East Germany | — | — | — | — | B |
| **84145** Other knitted or crocheted fabric, elastic or rubberized, and articles thereof. | Lb. | 218 | Z | — | — | — | — | B |
| **84146** Men's and boys' outergarments (excludes shirts), knit or crocheted, not elastic or rubberized: (a) waterproof, all fibers, (b) neckties, cravats, mufflers, and scarves, all fibers, and (c) other outergarments, wholly or in chief weight of cotton or wool. | Lb.[4] | 218 | Z *and* East Germany | — | — | — | — | B |
| **84146** Other men's and boys' outergarments (excludes shirts), knit or crocheted, not elastic or rubberized. | Lb.[4] | 218 | Z | — | — | — | — | B |
| **84147** Women's and misses' outergarments, knit or crocheted, not elastic or rubberized: (a) waterproof, all fibers, (b) mufflers and scarves, all fibers, and (c) other outergarments, wholly or in chief weight of cotton or wool. | Lb.[5] | 218 | Z *and* East Germany | — | — | — | — | B |
| **84147** Other women's and misses' outergarments (excludes shirts), knit or crocheted, not elastic or rubberized. | Lb.[5] | 218 | Z | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report leather belts in "dozen" and leather gloves in "dozen pair."

[2] Report all items in this entry in both "dozen pair" and "pound."

[3] Report the following in both "dozen" and "pound": shirts (outer), pajamas and other nightwear, all materials; and men's and boys' cotton undershirts, briefs, undershorts, and drawers.

[4] Report sweaters and cardigans of cotton, wool or other fine animal hair, or man-made fibers in both "dozen" and "pound."

[5] Report sweaters, cardigans, dresses, blouses, waists, and blouse skirts in both "dozen" and "pound."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 84148 Girls', children's and infants' outergarments, knit or crocheted, not elastic or rubberized: (a) waterproof, all fibers, (b) mufflers and scarves, all fibers, and (c) other outergarments, wholly or in chief weight of cotton or wool. | Lb.[1] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84148 Other girls', children's and infants' outergarments (excludes shirts), knit or crocheted. | Lb.[1] | 218 | Z | — | — | — | — | B |
| 84149 Non-apparel articles, knit or crocheted, not elastic or rubberized, wholly or in chief weight silk, man-made fiber, or vegetable fiber, *except cotton or jute.* | Lb. | 218 | Z | — | — | — | — | B |
| 84149 Other non-apparel articles, knit or crocheted, not elastic or rubberized. | Lb.[2] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84154 Hat and cap materials, except hat bodies, wholly or in chief weight cotton, jute, wool or textile manufactures, n.e.c. [Report hat bodies in Export Control Commodity No. 65570.] | Lb. | 218 | Z *and* East Germany | — | — | — | — | B |
| 84154 Other hat and cap materials..... | Lb. | 218 | Z | — | — | — | — | B |
| 84155 Millinery, hats, and caps, of feathers, fur felt, wool felt, fur, leather, including bathing caps, rubber or rubberized fabric. | Doz. | 218 | Z | — | — | — | — | B |
| 84155 Other millinery, hats, caps, and other headgear, n.e.c., including helmets.[3] | Doz. | 218 | Z *and* East Germany | — | — | — | — | B |
| 84160 Apparel and clothing accessories, rubber or rubberized, as follows: gloves, *except surgeons';* aprons; bandeaux, ladies'; bathing suits; brassieres, bust supporters; capes; dress shields; girdles; infants' bibs, bloomers, diapers, and pants; reducing clothing; sanitary belts; and waterproof sleeves. | Lb.[4] | 218 | Z | — | — | — | — | B |
| 84160 Other apparel and clothing accessories, including surgeons' gloves, rubber or rubberized. | Lb.[4] | 218 | Z *and* East Germany | — | — | — | — | B |
| 84180 Clothing donated for relief or charity by individuals, private agencies or governmental agencies, except new clothing by governmental agencies. | ..... | Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its Export Control Commodity number. | | | | | | |
| 84201 Sheep-lined clothing, fur clothing, and other articles of furskins, except headwear. | Lb. | 218 | Z | — | — | — | — | B |
| 84202 Artificial fur and articles thereof, wholly or in chief weight cotton or wool. | Lb. | 218 | Z *and* East Germany | — | — | — | — | B |
| 84202 Other artificial furs and articles thereof. | Lb. | 218 | Z | — | — | — | — | B |
| **FOOTWEAR** | | | | | | | | |
| 85100 Nonmilitary spats, leggings, and gaiters, wholly or in chief weight cotton or wool. | Pr. | 218 | Z *and* East Germany | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report sweaters, cardigans, dresses, blouses, waists, and blouse skirts in both "dozen" and "pound."
[2] Report cotton bedspreads, bed sets, towels and washcloths in both "number" and "pound."
[3] Military helmets and liners therefor require export authorization from the U. S. Department of State. See paragraph 370.5(a).
[4] Report household and surgical gloves in "dozen pair."



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **85100** Other nonmilitary spats, leggings, gaiters and other footwear except orthopedic. [Report military footwear in Export Control Commodity No. 95200, and orthopedic in No. 89962.] | Pr. | 218 | Z | — | — | — | — | B |
| **PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS, WATCHES, AND CLOCKS** | | | | | | | | |
| **Optical elements, unmounted:** | | | | | | | | |
| **86111** Optical elements specially designed for infrared or ultraviolet communications or detection equipment. (Specify by name and type.) [1] | No. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |
| **86111** Optical elements specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. (Specify by name and type.) [1] | No. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |
| **86111** Quartz crystals, radio grade only..... | No. | 612 | STVWXYZ | 500 | 500 | 500 | — | |
| **86111** Optical elements of monocrystalline silicon or of silicon with a purity of 99.99 percent or more. | No. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |
| **86111** Optical elements containing 99.9 to 99.99 percent silicon. | No. | 612 | STVWXYZ | 50 | 500 | 50 | — | |
| **86111** Ophthalmic lens blanks, and focus lenses (including contact lenses), unmounted. | Pr. | 628 | Z | — | — | — | — | B |
| **86111** Other optical elements, unmounted, n.e.c. | No. | 628 | SXYZ | 500 | — | — | 100 | B |
| **Optical elements, mounted:** | | | | | | | | |
| **86112** Lenses for high-speed cameras and streak cameras which are subject to the Import Certificate/Delivery Verification procedure under Export Control Commodity Nos. 86140 and 86150.[1] | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| **86112** Lenses and other optical elements for other highspeed cameras capable of recording at rates in excess of 2,000 frames per second; and lenses and other optical elements for X-ray powder cameras. | No. | 238 | SWXYZ | 500 | — | — | 100 | B |
| **86112** Other photographic and projection lenses. | No. | 238 | SXYZ | 500 | — | — | 100 | B |
| **86112** Optical elements specially designed for infrared or ultraviolet communications or detection equipment. (Specify by name and type.) [1] | No. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86112 Optical elements specially designed for equipment providing amplification or oscillation by means of stimulated electromagnetic radiation, such as Masers, Lasers, or Irasers. (Specify by name and type.) [1] | No. | 611 | STVWXYZ | 50 | 500 | 50 | — | A |
| 86112 Mounted prisms specially designed for high speed cameras and streak cameras which are subject to the Import Certificate/Delivery Verification procedure under Export Control Commodity Nos. 86140 and 86150.[1] | No. | 231 | STVWXYZ | 25 | 500 | 25 | — | A |
| 86112 Electro-optical devices designed to monitor relative rotation of remote surfaces. | No. | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86112 Optical elements specially designed for spectrum measuring instruments or microphotometers. | No. | 628 | SWXYZ | 500 | — | — | 100 | B |
| 86112 Halftone glass screens..... | No. | 218 | SZ | 500 | — | — | — | B |
| 86112 Other mounted optical elements..... | No. | 628 | SXYZ | 500 | — | — | 100 | B |
| 86120 Protective spectacles and goggles (safety equipment). | No. | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| 86120 Other spectacles and goggles; and parts. | .....[2] | 628 | Z | — | — | — | — | B |
| 86133 Ion microscopes having a resolving power better than 10 angstrom units and specialized parts and accessories, n.e.c. | No. | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86133 Other electron and proton microscopes and diffraction apparatus, and parts and accessories. | No. | 628 | SXYZ | 500 | — | — | 100 | B |
| 86134 Trichinoscopes; malaria survey sets containing microscopes; and microscope illuminators; and parts and accessories. | .....[3] | 628 | SZ | 500 | — | — | — | B |
| 86134 Other microscopes, excluding electron and proton; microprojectors; and photomicrographic equipment; and parts and accessories. | .....[3] | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| 86135 Binoculars, binocular loupes, and monoculars. | ..... | 628 | SZ | 500 | — | — | — | B |
| 86135 Telescopes, including astronomical telescopes. | ..... | 621 | SZ *and* East Germany | 500 | — | — | — | B |
| 86139 Power-controlled searchlights designed for military use; and specially designed parts and accessories, n.e.c. (Specify by name.) | .....[4] | 601 | STVWXYZ | — | 500 | — | — | A |
| 86139 Other searchlights and spotlights; and parts and accessories, n.e.c. | .....[4] | 608 | SXYZ | 500 | — | — | 100 | B |
| 86139 Folding magnifiers and other magnifying glasses; stereoscopes; and View-Masters.® | ..... | 628 | SZ | 500 | — | — | — | B |
| 86139 Other optical appliances, n.e.c., and parts and accessories, n.e.c.[1] | ..... | 628 | SXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

® Trademark registered in the Patent Office of the United States.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.

[2] Report goggles, eye glasses, and other spectacles, and frames and mountings in "number."

[3] Report microscopes in "number."

[4] Report searchlights and spotlights in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **86140** Streak cameras having writing speeds of 8 mm./microsecond and above, capable of recording events which are not initiated by the camera mechanism.[1] | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| **86140** Streak cameras having writing speeds of *less* than 8 mm./microsecond, capable of recording events which are not initiated by the camera mechanism; and specially designed parts and accessories, n.e.c.[1] | .....[2] | 232 | STVWXYZ | — | 500 | — | — | |
| **86140** High speed cameras having any of the following characteristics: (a) using film widths 35 mm. or narrower and capable of recording at rates in excess of 3,000 frames per second when using a steady light flow as the lighting source and 10,000 frames per second when using flash equipment connected to the unwinding system as the lighting source, (b) using film widths greater than 35 mm. and capable of recording in excess of 64 frames per second, or (c) capable of recording in excess of 250,000 frames per second. | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| **86140** Parts and accessories, n.e.c., specially designed for high speed cameras under Export Control Commodity No. 86140 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 231 | STVWXYZ | 25 | 500 | 25 | — | A |
| **86140** Other high speed cameras capable of recording at rates in excess of 2,000 frames per second; and X-ray powder cameras; and specially designed parts and accessories, n.e.c. | .....[2] | 238 | SWXYZ | 500 | — | — | 100 | B |
| **86140** Cameras specially designed for the production of electronic printed circuits; and specially designed parts and accessories. | .....[2] | 231 | STVWXYZ | — | 500 | — | — | A |
| **86140** Cameras specially designed for: (a) use in the manufacture of masks for semiconductor devices, integrated circuits, and similar electronic equipment and components, or (b) the creation of a photosensitive pattern on the surface of a semiconductor or insulating substrate; and specially designed parts and accessories. | ..... | 231 | STVWXYZ | — | 500 | — | — | A |
| **86140** Hand type still cameras, fixed focus, and parts and accessories, n.e.c. | .....[2] | 238 | SZ | 500 | — | — | — | B |
| **86140** Photographic micro-flash equipment capable of giving a flash of 1/200,000 second or shorter duration at a minimum recurrence frequency of 200 flashes per second; and specially designed parts and accessories. (Specify by name.) | ..... | 231 | STVWXYZ | 25 | 500 | 25 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Streak cameras are cameras designed to record the intensity of a light source as a function of time and of a single spatial dimension, by moving the image of the source along the film in a single direction.

[2] Report cameras in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86140 Photographic micro-flash equipment capable of giving a flash of between 1/100,000 and 1/200,000 second duration, at a minimum recurrence frequency of 200 flashes per second; and specially designed parts and accessories. (Specify by name.) | ..... | 232 | STVWXYZ | 25 | 500 | 25 | — | |
| 86140 Still camera stands; tripods; and flash synchronizers. | ..... | 238 | SZ | 500 | — | — | — | B |
| 86140 Other photographic cameras (excludes motion picture), camera parts and accessories, and photographic flashlight apparatus and parts n.e.c. | .....[1] | 238 | SYZ | 500 | — | — | — | B |
| 86150 High speed motion picture cameras having any of the following characteristics: (a) using film widths 35 mm. or narrower and capable of recording at rates in excess of 3,000 frames per second when using a steady light flow as the lighting source and 10,000 frames per second when using flash equipment connected to the unwinding system as the lighting source, (b) using film width greater than 35 mm. and capable of recording in excess of 64 frames per second, or (c) capable of recording in excess of 250,000 frames per second. | No. | 231 | STVWXYZ | — | 500 | — | — | A |
| 86150 Parts and accessories, n.e.c., specially designed for high-speed motion picture cameras under Export Control Commodity No. 86150 which are subject to the Import Certificate/Delivery Verification procedure. | ..... | 231 | STVWXYZ | 25 | 500 | 25 | — | A |
| 86150 Other high speed motion picture cameras capable of recording at rates in excess of 2,000 frames per second; and specially designed parts and accessories, n.e.c. | .....[1] | 238 | SWXYZ | 500 | — | — | 100 | B |
| 86150 Motion picture cameras, 16 mm. or under, *except aerial cameras*, and parts therefor; motion picture projectors, silent only, 16 mm. or under, and parts therefor; and motion picture camera tripods and stands, excluding dollies.[2] | .....[1] | 238 | SZ | 500 | — | — | — | B |
| 86150 Other motion picture cameras, motion picture projectors, and motion picture sound recording and reproducing equipment; and parts.[2] | .....[1] | 238 | SYZ | 500 | — | — | — | B |
| 86161 16 mm. miniature still picture projectors; magic lantern parts, and other still picture projector parts; and photo scales (enlarger parts). | .....[1] | 238 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report cameras and projectors in "number."

[2] Export authorization is required from the U. S. Department of State for cameras designed for use in space vehicles, all aerial cameras and military cameras, and specifically designed components.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **86161** Other photographic projectors, enlargers and reducers (other than motion picture), and parts. | .....[1] | 238 | SYZ | 500 | — | — | — | B |
| **86169** Developing, printing, fixing, or washing tanks or machines for motion picture film; reels for motion picture film; and still picture equipment as follows: analyzers; cutting boards; developing equipment; dry mounting presses, photographic; hangers; photo baths, glass; print rollers; printing frames; printing masks; and shading machines; and parts therefor, n.e.c. | ..... | 238 | SZ | 500 | — | — | — | B |
| **86169** Other still picture, motion picture, photographic, and photocopying equipment, n.e.c., and parts. | .....[2] | 238 | SYZ | 500 | — | — | — | B |
| **86171** Surgical and medical apparatus wholly made of polytetrafluoroethylene. | ..... | 231 | STVWXYZ | 25 | 500 | 25 | — | A E-3 |
| **86171** Medical apparatus specially designed for feminine hygiene intra-uterine contraception, partially made of fluorocarbon polymers or copolymers.[3] | ..... | 238 | Z | — | — | — | — | B |
| **86171** Dental hand instruments and tools for use with hand pieces, n.e.c., and parts. | ..... | 218 | Z *and* East Germany | — | — | — | — | B |
| **86171** Other medical, dental, surgical, ophthalmic and veterinary instruments and apparatus, excluding electro-medical. | ..... | 628 | Z | — | — | — | — | B |
| **86172** Aircraft oxygen systems, apparatus, equipment and components, n.e.c. and specially designed parts, n.e.c. | ..... | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| **86172** Whirlpool baths ..... | ..... | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| **86172** Mine safety appliances; and psychological, educational, or physical aptitude testing apparatus. | ..... | 628 | SXYZ | 500 | — | — | 100 | B |
| **86172** Other mechanical physical therapy appliances and respiratory appliances.[4] | ..... | 628 | SZ | 500 | — | — | — | B |
| **86181** Gas or liquid supply meters. [Report parts in Export Control Commodity No. 86199.] | No. | 418 | SXYZ | 500 | — | — | 100 | B |
| **Revolution counters, production counters, speedometers, and similar counting devices, not electrically or electronically operated, *except parts*; and stroboscopes, all types** [Report parts in Export Control Commodity No. 86199; and electrically or electronically operated counters and similar devices in No. 72952]: | | | | | | | | |
| **86182** Mechanical tachometers for aircraft engines. | ..... | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report photographic projectors in "number."
[2] Report motion picture screens in "number."
[3] See § 399.2, Interpretation 22.
[4] Export authorization from the U. S. Department of State is required for gas masks. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86182 Speedometers, tachometers, and other counting devices for motor vehicles. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| 86182 Stroboscopes containing one or more electronic components. | No. | 418 | SWXYZ | 500 | — | — | 100 | B |
| 86182 Other stroboscopes ..... | No. | 418 | SXYZ | 500 | — | — | 100 | B |
| 86182 Other revolution counters, production counters, and similar counting devices, n.e.c. | ..... | 418 | SZ *and* East Germany | 500 | — | — | — | B |
| **Surveying, hydrographic, navigational, meteorological, hydrological, and geophysical instruments, not electrically or electronically operated; compasses; rangefinders; and parts** [Report electrically or electronically operated in Export Control Commodity No. 72952]: | | | | | | | | |
| 86191 Cryogenic equipment, as follows: (a) equipment designed for maintaining an ambient temperature below minus 202° F. (minus 130° C.), designed for use in marine application, ruggedized for mobile ground use, or designed to maintain operating temperatures for electrical, magnetic or electronic equipment or components, and (b) electrical, magnetic or electronic equipment or components and electrical conductors specially designed for operation continuously or discontinuously at ambient temperatures below minus 130° C. (minus 202° F.); and specially designed accessories, sub-assemblies, parts, or components.[1] | ..... | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| 86191 Other instruments specially designed to operate at temperatures below minus 202° F. (minus 130° C.); and specially designed parts and accessories.[1] | ..... | 622 | STVWXYZ | 100 | 500 | 100 | — | |
| 86191 Compasses and gyroscopic equipment as follows: (a) gyro compasses possessing one or more of the following characteristics: (i) automatic correction for the effects on compass accuracy of changes in ship's speed, acceleration, or latitude, (ii) provision for accepting ship's data as an electrical input, (iii) provision for setting in corrections for current set and drift, (iv) utilization of accelerometer, rate gyro, rate integrating gyros, or electrolytic levels as sensing devices, (v) provision for determining and electrically transmitting ship's level reference data (roll, pitch) in addition to own ship's course data; (b) integrated flight instrument systems for aircraft which include gyro-stabilizers and/or auto- | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U.S. Department of State for cryogenic equipment for airborne or space application. See paragraph 370.5(a) for other commodities which require export authorization from the U.S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| matic pilots; (c) gyro-stabilizers used for other purposes than aircraft control, *except those for stabilizing an entire surface vessel;* (d) automatic pilots used for other purposes than aircraft control *except marine type for surface vessels;* (e) gyros and gyro compasses with a minimum rated free directional drift rate (rated free precession) of less than 0.5 degrees per hour in a 1 g environment; and (f) gyro compasses which incorporate gyros described in (e) above or which, when operated in a gyro compass mode, have a compass error, before compensation, due to gyro drift rate of less than 1/30 of a radian ($6/\pi$ degrees) at 0 degrees latitude; and specially designed parts and accessories, n.e.c. (Specify by name and model number.) [1] | | | | | | | | |
| **86191** Precision gyroscopes, including rate and integrating gyros; and specially designed parts and accessories, n.e.c. (Specify by name and model or type number.) [1] | ..... | 622 | STVWXYZ | 100 | 500 | 100 | — | |
| **86191** Other gyro compasses (specify by name and model number); and parts and accessories, n.e.c. (Specify by name). | ..... | 622 | STVWXYZ | 500 | 500 | 500 | — | |
| **86191** Aircraft flight instruments, *except types in normal civil use* (specify by name and model number); and specially designed parts and accessories, n.e.c. (See § 399.2, Interpretation 20.) | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86191** Other aircraft flight instruments (specify by name and model or type number); and specially designed parts and accessories, n.e.c. | ..... | 628 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| **86191** Electro-optical instruments designed to monitor relative rotation of remote surfaces; and specially designed parts and accessories, n.e.c. | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86191** Ball-and-disc or cylinder-and-ball mechanical integrators; and mechanical ball resolvers; and specially designed parts and accessories, n.e.c. | ..... | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| **86191** Parts and accessories specially fabricated for military phototheodolites, stereoscopic plotting equipment, and photo interpretation equipment.[2] | ..... | 621 | STVWXYZ | — | 500 | — | — | A |
| **86191** Gravity meters (gravimeters), designed or modified for airborne or marine use (specify by name); and specially designed parts and accessories, n.e.c. | ..... | 401 | STVWXYZ | 100 | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U.S. Department of State for cryogenic equipment for airborne or space application. See paragraph 370.5(a) for other commodities which require authorization from the U.S. Department of State.

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86191 Other gravity meters (gravimeters) (specify by name); and specially designed parts and accessories, n.e.c. | ..... | 402 | STVWXYZ | 100 | 500 | 100 | — | |
| 86191 Transits, phototheodolites, and tachymeters (tacheometers), having a telescope magnification of 20x or higher *and* reading direct to 1 sexagesimal minute or better; and specially designed parts and accessories, n.e.c.[1] | ..... | 628 | SWXYZ | 500 | — | — | 100 | B |
| 86191 Surveying and engineering instruments, n.e.c., or parts, *the following only:* alidades, altimeters, clinometers, level parts, leveling rods, planimeters, plumb bobs, slide rules, spads, stadia rods, surveyor's compasses, trammels, and other transit parts. | ..... | 628 | SZ | 500 | — | — | — | B |
| 86191 Other compasses; and other surveying, hydrographic, navigational, meteorological, hydrological, and geophysical instruments; and parts.[1] | ..... | 628 | SXYZ | 500 | — | — | 100 | B |
| 86191 Range finders specially designed for cameras under Export Control Commodity Nos. 86140 and 86150 which are subject to the Import Certificate/Delivery Verification procedure. | No. | 231 | STVWXYZ | 25 | 500 | 25 | — | A |
| 86191 Range finders specially designed for: (a) other high speed cameras capable of recording at rates in excess of 2,000 frames per second; and (b) X-ray powder cameras. | No. | 238 | SWXYZ | 500 | — | — | 100 | B |
| 86191 Range finders for other still cameras, *except hand-type fixed focus;* and motion-picture cameras, *except 16 mm. and 8 mm.* | No. | 238 | SYZ | 500 | — | — | — | B |
| 86191 Other range finders.[1] | No. | 628 | SZ | 500 | — | — | — | B |
| 86192 Laboratory balances, and parts, n.e.c. | ..... | 628 | SZ | 500 | — | — | — | B |
| **Drawing, marking-out, calculating, drafting, measuring and checking instruments, appliances and machines, not electrically or electronically operated; and parts** [Report electrically or electronically operated in Export Control Commodity No. 72952]: | | | | | | | | |
| 86193 Ball-and-disc or cylinder-and-ball mechanical integrators; and mechanical ball resolvers; and specially designed parts and accessories, n.e.c. | ..... | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| 86193 Comparators; dividers; gear checkers comparators); and other machinists' precision measuring tools, *except gear testers;* and parts. | ..... | 418 | SWXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for range finders which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **86193** Measuring and checking instruments, appliances and machines for automotive maintenance (includes wheel balancers), and parts. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| **86193** Optical measuring and checking instruments, and parts. | ..... | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| **86193** Other drawing, drafting, marking-out and calculating instruments; clinometers; plumb bobs; tape measures and rulers, *except metal;* and surveyors' trammels; and parts, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **86193** Other measuring and checking instruments, appliances and machines; and parts. | ..... | 418 | SZ *and* East Germany | 500 | — | — | — | B |
| **86194** Technical models for demonstration. [Report aircraft training devices and flight simulators in Export Control Commodity No. 89999.] | ..... | 218 | SYZ [1] | 500 | — | — | — | B |
| **Mechanical appliances for testing physical properties of industrial materials, not electrically or electronically operated, *except parts.*** [Report parts in Export Control Commodity No. 86199, and electrically or electronically operated in No. 72952]: | | | | | | | | |
| **86195** Centrifugal-action testing equipment. (Specify by name.) | ..... | 411 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86195** Equipment capable of performing tests at temperatures below minus 202° F. (minus 130° C.). | ..... | 412 | STVWXYZ | 100 | 500 | 100 | — | |
| **86195** Testing equipment specially designed for use in the manufacture and assembly of communication, navigation, direction-finding, and radar equipment. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **86195** Testing and inspecting machines specially designed for the examination, testing, and checking of arms, munitions, and implements of war.[2] | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **86195** Vibration testing equipment capable of providing a thrust greater than 2,000 pounds. | ..... | 411 | STVWXYZ | 500 | 500 | 500 | — | A |
| **86195** Testing devices specially designed for testing electronic assemblies produced by depositing or printing on insulating panels, plates, or wafers or otherwise forming *in situ* component parts other than basic wiring. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **86195** Testing devices specially designed for testing electronic assemblies produced by: (a) automatically inserting and/or soldering components on insulating panels, plates, or wafers to which wiring is applied by printing or other means, or (b) automatically or semi-auto- | ..... | 412 | STVWXYZ | — | 500 | — | — | |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.

[2] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| matically assembling, wiring, and/or packaging mounted modular insulated panels, plates, or wafers. | | | | | | | | |
| 86195 Testing and inspecting equipment specially designed for use in the production of types of electronic tubes and semi-conductor devices or parts and components therefor, included under Export Control Commodity No. 72930, which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| 86195 Other testing and inspecting equipment specially designed for use in the production of electronic tubes and semi-conductor devices or parts and components therefor. (Specify by name.) | ..... | 412 | STVWXYZ | — | 500 | — | — | |
| 86195 Other mechanical appliances for testing physical properties of industrial materials. | ..... | 418 | SXYZ | 500 | — | — | 100 | B |
| **Hydrometers and similar instruments; thermometers, pyrometers, barometers, hygrometers, psychrometers, and any combination of these; not electrically or electronically operated; *except parts*** [Report parts in Export Control Commodity No. 86199, and electrically or electronically operated in No. 72952]: | | | | | | | | |
| 86196 Laboratory type hydrometers and similar instruments; and thermometers, pyrometers, barometers, hygrometers, psychrometers, and any combination of these. | ..... | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| 86196 Aircraft instruments, n.e.c. (for example, aircraft thermometers, hydrometers, hygrometers, and psychrometers). | ..... | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| 86196 Household and clinical thermometers... | ..... | 218 | SZ | 500 | — | — | — | B |
| 86196 Other hydrometers, thermometers, pyrometers, barometers, hygrometers, psychrometers, and any combination of these. | ..... | 418 | SXYZ | 500 | — | — | 100 | B |
| **Instruments for measuring, checking or automatically controlling the flow, depth, pressure or other variables of liquids or gases, or for automatically controlling temperature, not electrically or electronically operated, *except parts*** [Report parts in Export Control Commodity No. 86199, and electrically or electronically operated in No. 72952]: | | | | | | | | |
| 86197 Environmental chambers capable of pressures of 26 Torr or less, including those with a pressure capability only and those | ..... | 411 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| which also have a capability of simulating other environments, such as radiation and temperature. | | | | | | | | |
| **86197** Cryogenic equipment, designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.) *and* (a) designed for use in marine application, or (b) ruggedized for mobile ground use.[1] | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86197** Other instruments capable of maintaining an ambient temperature below minus 130° C. (minus 202° F.).[1] | ..... | 622 | STVWXYZ | 100 | 500 | 100 | — | |
| **86197** Aircraft engine instruments for measuring, checking, or automatically controlling the flow, pressure, or other variables of liquids or gases, or for automatically controlling temperature. | ..... | 438 | SWXYZ *and* Rep. So. Africa | 500 | — | — | 100 | B |
| **86197** Meters with inlet or outlet diameter 10 inches or larger, specially designed to measure flow in petroleum and/or natural gas pipe lines. | ..... | 412 | SVWXYZ | 100 | — | 100 | — | E-9 |
| **86197** Instruments or devices capable of automatically measuring the speed of sound *in situ* in water, and rated for differential sensitivity measurements of 1 part in 5,000 parts or better, and equipment containing such instruments or devices. | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86197** Other instruments for watercraft, motor vehicles, and other vehicles. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| **86197** Other instruments for measuring, checking or automatically controlling the flow, depth, pressure or other variables of liquids or gases or for automatically controlling temperature. | ..... | 418 | SXYZ | 500 | — | — | 100 | B |
| **Instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, and such instruments for measuring or checking quantities of heat, light or sound, not electrically or electronically operated; and parts** [Report electrically or electronically operated in Export Control Commodity No. 72952]: | | | | | | | | |
| **86198** Laboratory, scientific, and optical measuring cryogenic equipment designed for maintaining an ambient temperature below minus 130° C. (minus 202° F.) *and* (i) designed for use in marine application, or (ii) ruggedized for mobile ground use; and specially designed parts, n.e.c. (Specify by name.)[1] | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U. S. Department of State for cryogenic equipment for airborne or space applications.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *CLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86198 Other laboratory, scientific, and optical measuring equipment capable of maintaining an ambient temperature below minus 130° C. (minus 202° F.); and specially designed parts, n.e.c. (Specify by name.)[1] | ..... | 622 | STVWXYZ | 100 | 500 | 100 | — | |
| 86198 Instruments wholly made of fluorocarbon polymers or copolymers; and specially designed parts, n.e.c. (See § 399.2, Interpretation 22.) | ..... | 231 | STVWXYZ | 25 | 500 | 25 | — | A E-3 |
| 86198 Mass spectrographs and mass spectrometers, as follows: (a) all multifocus types (including double focus, tandem, and cyclodial); or (b) single focus types possessing a radius of curvature of 5 inches or more; and specially designed parts, n.e.c. (Specify by name, model, and number.) | ..... | 621 | STVWXYZ | — | 500 | — | — | AFG |
| 86198 Other mass spectrographs and mass spectrometers, *except mass spectrometer-type leak detectors;* and specially designed parts, n.e.c. (Specify by name and model number.) | ..... | 622 | STVWXYZ | — | 500 | — | — | FG |
| 86198 Instruments, n.e.c., containing Laser devices; and specially designed parts, n.e.c. (Specify by name and model number.)[2] | ..... | 621 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86198 Spectrum measuring instruments, optical; and densitometers; and specially designed parts, n.e.c. | ..... | 628 | SWXYZ | 500 | — | — | 100 | B |
| 86198 Other laboratory instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, etc.; instruments for measuring or checking quantities of heat, light or sound; and parts. | ..... | 628 | SXYZ | 500 | — | — | 100 | B |
| 86198 Chemical analysis equipment, qualitative and quantitative (chemical analytical equipment utilizing chemical and/or physical separation analytical principles) (specify by name); and specially designed parts, n.e.c. | ..... | 412 | STVWXYZ | 500 | 500 | 500 | — | |
| 86198 Industrial process instruments capable of operating or performing tests at temperatures below minus 202° F. (minus 130° C.), and specially designed parts, n.e.c. | ..... | 412 | STVWXYZ | 100 | 500 | 100 | — | |
| 86198 Centrifugal action testing equipment (specify by name); and specially designed parts, n.e.c. | ..... | 411 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86198 Testing equipment, including components and sub-assemblies, specially designed for use in the manufacture and assembly of | ..... | 411 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U. S. Department of State for cryogenic equipment for airborne or space applications.

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| communication, navigation, direction-finding, and radar equipment; and specially designed parts, n.e.c. | | | | | | | | |
| **86198** Testing and inspecting equipment specially designed for the examination, testing and checking of arms, munitions, and implements of war; and specially designed parts, n.e.c.[1] | ..... | 411 | STVWXYZ | 100 | 500 | 100 | — | A |
| **86198** Vibration testing equipment capable of providing a thrust greater than 2,000 lbs., and specialized ancillary equipment therefor. | ..... | 411 | STVWXYZ | — | 500 | — | — | A |
| **86198** Photographic exposure (light) meters, and parts. | ..... | 238 | SYZ | 500 | — | — | — | B |
| **86198** Other instruments for physical or chemical analysis; instruments for checking viscosity, porosity, expansion, surface tension, etc.; instruments for measuring or checking quantities of heat, light or sound, and parts.[2] | ..... | 418 | SXYZ | 500 | — | — | 100 | B |
| **Parts and accessories, n.e.c., for integrating meters, electrical measuring and controlling instruments, and industrial and laboratory instruments (meters, instruments, appliances, and devices under Export Control Commodity Nos. 72951, 72952, 86181, 86182, 86195, 86196, and 86197):** | | | | | | | | |
| **86199** Parts and accessories wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride*. (Specify by name.) (See § 399.2, Interpretation 22.) | ..... | 241 | STVWXYZ | 25 | 500 | 25 | — | A E-3 |
| **86199** Parts and accessories wholly made of polyvinyl fluoride. | ..... | 222 | STVWXYZ | — | 500 | 25 | — | E-3 |
| **86199** Parts (including positive ion sources), assemblies, components and accessories, n.e.c., specially designed for the mass spectrographs and mass spectrometers, included under Export Control Commodity No. 72952 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.) | ..... | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| **86199** Parts and accessories, n.e.c., for other mass spectrographs and mass spectrometers. (Specify by name.) | ..... | 622 | STVWXYZ | 500 | 500 | 500 | — | |
| **86199** Radiant energy type thermal detecting cells (for example, bolometers and thermocouple detectors) with a response time constant of less than 10 milliseconds measured at the operating temperature of the cell for which the time constant reaches a minimum. (Specify by name and model number.) | ..... | 611 | STVWXYZ | 100 | 500 | 100 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Arms, munitions, and implements of war are all items designated in paragraph 370.5(a), Categories I through XIX.

[2] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86199 Direct current amplifiers, amplifying by whatever means, having a noise level (referred to input circuit) of $10^{-16}$ watts or less and/or a zero drift in 1 hour corresponding to a change in input power of $10^{-16}$ watts or less; and parts. (Specify by name and model number.) | ..... | 611 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86199 Amplifiers, as follows: (a) amplifiers designed to operate at frequencies in excess of 500 megacycles, (b) tuned amplifiers having a bandwidth which exceeds 10 megacycles, or 10 percent of the mean frequency, whichever is less, *except those specially designed for use in community television distribution systems,* or (c) tuned amplifiers having a bandwidth which exceeds 10 megacycles; and parts. (Specify by name and model number.) [See Export Control Commodity No. 72499 for amplifiers designed for electronic communications equipment, electronic navigational aids and electronic search and detection apparatus, including radar.] | ..... | 601 | STVWXYZ | 100 | 500 | 100 | — | A |
| 86199 Amplifiers, electronic or magnetic, designed for use with resolvers as follows: (a) isolation types having a variation of gain constant (linearity of gain) of 0.2 percent or better, (b) summing types having a variation of gain constant (linearity of gain) or an accuracy of summation of 0.2 percent or better, (c) employing solid state Hall effect, or (d) designed to operate below minus 67° F. (minus 55° C.) or above plus 257° F. (plus 125° C.) (Specify by name and model number.) | ..... | 601 | STVWXYZ | 250 | 500 | 250 | — | A |
| 86199 Amplifiers, electronic or magnetic, designed for use with resolvers as follows: (a) isolation types having a variation of gain constant (linearity of gain) better than 0.5 percent and not less than 0.2 percent, or (b) summing types having a variation of gain constant (linearity of gain) or an accuracy of summation of better than 0.5 percent and not less than 0.2 percent. (Specify by name and model number.) | ..... | 602 | STVWXYZ | 250 | 500 | 250 | — | |
| 86199 Other isolation and summing type amplifiers. (Specify by name and model number.) | ..... | 608 | SWXYZ | 500 | — | — | 100 | B |
| 86199 Other amplifiers designed to operate at frequencies from 300 megacycles up to and including 500 megacycles. (Specify by name and model number.) | ..... | 608 | SWXYZ | 500 | — | — | 100 | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **86199** Oscilloscope amplifiers and preamplifiers having a bandwidth greater than 5 megacycles up to and including 12 megacycles; and parts. (Specify by name and model number.) | ..... | 608 | SWXYZ | 500 | — | — | 100 | B |
| **86199** Other amplifiers designed for use in nuclear measurements. (Specify by name and model number.)[1] | ..... | 628 | SXYZ | 500 | — | — | 100 | B |
| **86199** Other amplifiers, n.e.c. (Specify by name and model number.)[1] | ..... | 608 | SXYZ | 500 | — | — | 100 | B |
| **86199** Parts and accessories specially designed for numerical control systems designed for controlling coordinated simultaneous (contouring and continuous path) machining movements in two or more axes. (See § 399.2, Interpretation 7.) | ..... | 421 | STVWXYZ | — | 500 | 500 | — | A |
| **86199** Parts and accessories specially designed for electronic closed loop control systems designed solely for positioning operations. | ..... | 422 | STVWXYZ | — | 1,000 | 1,000 | — | |
| **86199** Other parts and accessories, n.e.c., for meters, instruments, appliances, and devices classified under Export Control Commodity Nos. 72951, 72952, 86181, 86182, 86195, 86196, and 86197. (Specify name of meter, instrument, appliance, or device.) | ..... | Export controls applicable to commodities included in this entry are those which apply to the meter, instrument, appliance, or device for which the parts and accessories are designed. | | | | | | |
| **86230** Prepared photographic film developing chemicals. | ..... | 248 | SZ | 500 | — | — | — | B |
| **86230** Other prepared photographic chemicals | ..... | 248 | SXYZ | 500 | — | — | 100 | B |
| **86243** Paper, paperboard and cloth, sensitized, not developed. | Sq. ft. | 218 | SZ *and* East Germany[2] | 500 | — | — | — | B |
| **86246** Motion picture film under 35mm, sensitized, unexposed. | Lin. ft. | 238 | SZ | 500 | — | — | — | B |
| **86246** Motion picture film 35mm and over, sensitized, unexposed. | Lin. ft. | 238 | SXYZ | 500 | — | — | 100 | B |
| **86246** X-ray film and plates, graphic arts film and plates, and still picture film and plates, sensitized, unexposed. | Sq. ft. | 238 | SYZ | 500 | — | — | — | B |
| **86248** Exposed sensitized plates, and exposed and developed plates, *except lantern slides.* | Sq. ft. | 238 | SZ *and* East Germany[2] | 500 | — | — | — | B |
| **86248** Still picture film, exposed, or exposed and developed, positive or negative; and lantern slides. | Sq. ft. | 238 | Z[2] | — | — | — | — | B |
| **86248** Motion picture films, silent or sound, undeveloped negative, 35mm. or over. | Lin. ft. | 238 | SXYZ[2] | 500 | — | — | 100 | B |
| **86248** Motion picture films, silent or sound, exposed but not developed. | Lin. ft. | 238 | SZ[2] | 500 | — | — | — | B |
| **86300** Motion picture films, silent or sound, developed. | Lin. ft. | 238 | None[3] | — | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U.S. Department of State.

[2] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.

[3] A validated license may be required if this commodity contains technical data. See Part 385.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 86401 Alarm clocks, electric and nonelectric; electric mantel clocks; and nonelectric novelty clocks. | No. | 218 | SZ | 500 | — | — | — | B |
| 86401 Other clocks, electric and nonelectric; and time recording and time stamp machines. | No. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 86402 Watch parts, including watch movements; and clock chimes, dials and glasses. | ..... | 218 | SZ | 500 | — | — | — | B |
| 86402 Other clock parts..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 86402 Parts and accessories, n.e.c., for time clocks and other time recording devices operated by a watch or clock type movement or by a synchronous motor. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 86411 Pocket watches, wrist watches and other watches. | No. | 218 | SZ | 500 | — | — | — | B |
| 86414 Watch cases and parts..... | ..... | 218 | SZ | 500 | — | — | — | B |
| **MISCELLANEOUS MANUFACTURED ARTICLES, N.E.C.** | | | | | | | | |
| 89111 Magnetic recording and/or reproducing equipment designed for electronic computers. (Specify by name and model number.)[1] | No. | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| 89111 Television (video tape) recording and/or reproducing equipment. (Specify by name and model number.) | No. | 611 | STVWXYZ | 250 | 500 | 250 | — | A |
| 89111 Recording and/or reproducing equipment using electrothermal and/or electrostatic techniques employing electron beams, operating in a vacuum and/or employing other means to provide a charge pattern directly on the recording surface (for example, thermoplastic recorders), and specialized equipment for the read-out of material so recorded. (Specify by name and model number.)[1] | No. | 611 | STVWXYZ | 250 | 500 | 250 | — | A |
| 89111 Magnetic recording and/or reproducing equipment for voice and music only. | No. | 618 | SZ *and* East Germany | 500 | — | — | — | B |
| 89111 Other magnetic recording and/or reproducing equipment, n.e.c. [Report specially designed seismograph recorders/reproducers under Export Control Commodity No. 72952.] (Specify by name and model number.)[1] | No. | 601 | STVWXYZ | 250 | 500 | 250 | — | A |
| 89111 Dictating machines, phonographs, and record players. | No. | 218 | SZ | 500 | — | — | — | B |
| 89112 Parts and accessories specially designed for magnetic recording and/or reproducing equipment designed for electronic computers. (Specify by name.) [Report magnetic tape in Export Control Commodity No. 89120; and | ..... | 601 | STVWXYZ | 250 | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.



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| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| report empty reels according to material (for example, plastic reels in 89300, steel reels in 69891, nonferrous metal in 69899, and fiberboard reels in 64204).][1] | | | | | | | | |
| **89112** Parts and accessories specially designed for television (video tape) recording and/or reproducing equipment. (Specify by name.) [Report magnetic tape in Export Control Commodity No. 89120; and report empty reels according to material (for example, plastic reels in 89300, steel reels in 69891, nonferrous metal in 69899, and fiberboard reels in 64294).][1] | ..... | 611 | STVWXYZ | 250 | 500 | 250 | — | A |
| **89112** Parts and accessories specially designed by recording and/or reproducing equipment using electrothermal or electrostatic techniques included under Export Control Commodity Number 89111 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)[1] | ..... | 611 | STVWXYZ | 100 | 500 | 100 | — | A |
| **89112** Parts and accessories for magnetic recording and/or reproducing equipment for voice and music only. | ..... | 618 | SZ *and* East Germany | 500 | — | — | — | B |
| **89112** Parts and accessories specially designed for other magnetic recording and/or reproducing equipment. (Specify by name.)[1] | ..... | 601 | STVWXYZ | 250 | 500 | 250 | — | A |
| **89112** Parts and accessories for dictating machines, phonographs and record players. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89120** Magnetic tape and other recording media designed for electronic computers. (Specify by name.) | ..... | 621 | STVWXYZ | 250 | 500 | 250 | — | A |
| **89120** Seismic or seismograph magnetic tape.. | ..... | 401 | STVWXYZ | 100 | 500 | 100 | — | A |
| **89120** Video tape and other recording media for television recording equipment. (Specify by name and type number.)[1] | ..... | 611 | STVWXYZ | 250 | 500 | 250 | — | A |
| **89120** Recording media specially designed for recording equipment using electrothermal or electrostatic techniques included under Export Control Commodity No. 89111 which are subject to the Import Certificate/Delivery Verification procedure. (Specify by name.)[1] | ..... | 611 | STVWXYZ | 250 | 500 | 250 | — | A |
| **89120** Magnetic recording media designed for voice and music only. (Specify by name and type number.)[1] | ..... | 618 | SYZ[2] | 500 | — | — | — | B |
| **89120** Magnetic tape and other magnetic recording media for other magnetic recording and/or reproducing equipment. (Specify by name and type number.)[1] | ..... | 601 | STVWXYZ | 250 | 500 | 250 | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.

[2] A validated license may be required for other destinations if this commodity contains technical data. See Part 385.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 89120 Commercial phonograph records, recorded. [Report broken records and other records for scrap in Export Control Commodity No. 58120.] | ..... | 218 | Cuba[1] | — | — | — | — | B |
| 89120 Other phonograph records; and phonograph record blanks. | ..... | 218 | Z[1] | — | — | — | — | B |
| 89140 Pianos and other string musical instruments. | .....[2] | 218 | SZ | 500 | — | — | — | B |
| 89180 Musical instruments, n.e.c. | .....[3] | 218 | SZ | 500 | — | — | — | B |
| 89190 Parts and accessories, n.e.c., except strings and cases, for musical instruments. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89213 Maps, hydrographic charts, atlases, gazateers, globe covers, and globes (terrestrial or celestial). | ..... | 218 | YZ | — | — | — | — | B |
| 89214 Printed books, pamphlets and miscellaneous publications, including bound newspapers and periodicals. | .....[4] | 218 | None[5] | — | — | — | — | B |
| 89220 Newspapers and periodicals, unbound, excluding waste. | .....[6] | 218 | None | — | — | — | — | B |
| 89230 Music books and sheet music | .....[7] | 218 | None | — | — | — | — | B |
| 89241 Transfers (decalcomanias) | ..... | 218 | Z | — | — | — | — | B |
| 89242 Picture postcards and greeting cards | ..... | 218 | Z | — | — | — | — | B |
| 89291 Paper and paperboard labels and wrappers. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89294 Calenders, including calendar blocks, of paper. | ..... | 218 | None | — | — | — | — | B |
| 89298 Advertising printed matter exclusively related to developed motion picture film, books, miscellaneous publications, newspapers and periodicals (Export Control Commodity Nos. 86300, 89214, 89220, 89230, and 89294) for which a validated license is not required. | ..... | 218 | None[5] | — | — | — | — | B |
| 89298 Other printed matter | ..... | 218 | SZ | 500 | — | — | — | B |
| 89300 Pressure sensitive tape wholly made of fluorocarbon polymers or copolymers. (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |
| 89300 Pressure sensitive tape coated or impregnated with fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E-3 |
| 89300 Pressure sensitive synthetic tape (including metallized) suitable for dielectric use (condenser tissue), 0.0015 inch (0.038 mm. or less in thickness), *except (a) tensilized polyester film with thickness greater than 0.001 inch (0.0254 mm.), and (b) untensilized and unmetallized polyester film with thickness of 0.00035 inch (0.009 mm.) up to and including 0.001 inch (0.0254 mm.).* | Lb. | 221 | STVWXYZ | 500 | 500 | 500 | — | A E-3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] A validated license may also be required for other destinations if this commodity contains technical data. See Part 385.
[2] Report new pianos in "number."
[3] Report new organs in "number."
[4] Report bound periodicals and newspapers, pamphlets, and books other than textbooks, in "number."
[5] A validated license may be required if this commodity contains technical data. See Part 385.
[6] Report unbound periodicals in "number."
[7] Report music books in "number."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **89300** Pressure sensitive polyester tape suitable for dielectric use (condenser tissue), as follows: (a) tensilized film with thickness greater than 0.001 inch (0.0254 mm.) up to and including 0.0015 inch (0.038 mm.), and (b) untensilized and unmetallized film with thickness greater than 0.00035 inch (0.009 mm.) up to and including 0.0015 inch (0.038 mm.). | Lb. | 222 | STVWXYZ | 500 | 500 | 500 | — | E–3 |
| **89300** Silicone rubber manufactures, n.e.c., including silicone rubber packing. | ..... | 228 | SWXYZ | 500 | — | — | 100 | B |
| **89300** Manufactures, n.e.c., of polyimides, polybenzimidazoles, polyimidazopyrrolones, aromatic polyamides, and polyparaxylylenes where the value of the contained polymeric substances is 50 percent or more of the total value of the materials used. (Specify value of polymeric substances and total value of other materials.) | Lb. | 221 | STVWXYZ | 25 | 500 | 25 | — | A E–3 |
| **89300** Manufactures, n.e.c., of polypyromellitimide or polybenzimidazole where the value of the contained polymeric substances is less than 50 percent of the total value of the manufactured commodity. (Specify value of polymeric substances and total value of commodity.) | Lb. | 222 | STVWXYZ | 25 | 500 | 25 | — | E–3 |
| **89300** Manufactured products, n.e.c., wholly made of fluorocarbon polymers or copolymers, *except polyvinyl fluoride.* (Specify by name.) (See § 399.2, Interpretation 22.) | Lb. | 221 | STVWXYZ | 50 | 500 | 50 | — | A E–3 |
| **89300** Manufactured products, n.e.c., wholly made of polyvinyl fluoride. | Lb. | 222 | STVWXYZ | 25 | 500 | 50 | — | E–3 |
| **89300** Hose or tubing made of, lined with, or covered with, polytetrafluoroethylene or polychlorotrifluoroethylene. (Specify length of each piece.) [Report hose or tubing without fittings attached in Export Control Commodity No. 58120.] | Pieces | 221 | STVWXYZ | 50 | 500 | 50 | — | A E–3 |
| **89300** Hose or tubing lined with, or covered with, other fluorocarbon polymers or copolymers. (Specify length of each piece.) (See § 399.2, Interpretation 22.) | Pieces | 222 | STVWXYZ | 50 | 500 | 50 | — | E–3 |
| **89300** Manufactured plastic products specially designed for feminine hygiene intra-uterine contraception, partially made of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | ..... | 228 | Z | — | — | — | — | B |
| **89300** Other manufactured products, n.e.c., partially made of polytetrafluoroethylene or polychlorotrifluoroethylene. (Specify by name, and state weight of polytetrafluoroethylene or polychlorotrifluoroethylene content.) | ..... | 222 | STVWXYZ | 50 | 500 | 50 | — | E–3 |

* For explanation, see § 399.1 pages 1, 2, and 3.

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 89300 Other manufactures, n.e.c., of molding compositions containing more than 20 percent by weight of fluorocarbon polymers or copolymers. (See § 399.2, Interpretation 22.) | Lb. | 222 | STVWXYZ | 50 | 500 | 50 | — | E-3 |
| 89300 Manufactured plastic products, *except items wholly or partially made of polyimide, polybenzimidazole, polyimidazo-pyrrolone, aromatic polyamide, polyparaxylylene, polytetrafluoroethylene, polychlorotrifluoroethylene, or items wholly made of other fluorocarbon polymers or copolymers*, the following only: aprons, baby pants, bibs, and other indoor type wearing apparel; ash trays; belts (apparel); bottle and container closures; calendar pad holders, celluloid file signals; cigar ribbons; clipboards; containers for household use (soap dishes, etc.); desk calendars; desk sets, except pen sets; dinnerware, tableware, and kitchenware used in preparation, serving, and storing of food and drink; display equipment (forms, display boxes, stands, frames); disposable knives, forks and spoons; draperies (not firm, woven); flexible film specialty bags; fly swatters; garment bags (not requiring cutting or further manufacture for use); ink pots; ink stands; lamp shades; manicure sets; mats; paperweights; sausage casings; sequins; sponges, synthetic; table cloths (cut to size); tackle boxes; pressure sensitive or gummed plastic tape not covered in another entry under Export Control Commodity No. 89300; and venetian blinds, including separate slats and tapes. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| 89300 Other finished, articles, n.e.c., of artificial plastic materials, *except articles wholly or partially made of polyimide, polybenzimidazole, polyimidazo-pyrrolone, aromatic polyamide, polyparaxylylene, polytetrafluoroethylene, or polychlorotrifluoroethylene; or items wholly made of other fluorocarbon polymers or copolymers.* (See § 399.2, Interpretation 22.) | .....[2] | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89410 Wheelchairs, baby carriages, and strollers, not motorized nor otherwise mechanically propelled, and parts. | ..... | 218 | Z | — | — | — | — | B |
| 89421 Doll carriages, carts, and children's vehicles designed to be ridden, excluding cycles other than children's baby carriages, and sleds. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89422 Dolls, and specially fabricated parts and accessories, including clothing. | ..... | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report pressure sensitive tape and flexible film specialty bags in "pound."

[2] Report plastic garden hose in "linear feet."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **89423** Rubber toys, stuffed toy animals, and toys n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89424** Playing cards; coin-operated amusement machines (excludes phonographs), and parts; indoor games; and special game tables and other sporting and athletic goods, indoor. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| **89425** Artificial Christmas trees, metal; and tinsel of metal. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89425** Other Christmas articles, decorative or traditional, excluding artificial flowers, foliage or fruit or articles thereof; and carnival and entertainment articles (masks, confetti, tricks and novelties). | ..... | 218 | SZ | 500 | — | — | — | B |
| **89430** Non-military shotguns and parts therefor. [Report military arms and parts in Export Control Commodity No. 95101-95104.] [2] | .....[3] | 218 | SXYZ *and* Rep. So. Africa | — | — | —[4] | 100 | B |
| **89430** Whaling guns, and parts therefor; and wooden gun stock blanks. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **89430** Aqua guns, police billies, blackjacks, air pistols, air rifles, and compressed air and gas-charged rifles; and parts.[2] | ..... | 218 | SZ | 500 | — | — | — | B |
| **89441** Fishing and hunting equipment, excluding guns. [Report sporting rifles in Export Control Commodity No. 89430.] | ..... | 218 | SZ | 500 | — | — | — | B |
| **89442** Base metal wire wickets; and safety apparel and equipment for recreational purposes.[5] | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89442** Other appliances, apparatus, accessories and requisites for gymnastics or athletics or for sports and outdoor games, *except recreational water craft.*[6] | ..... | 218 | SZ | 500 | — | — | — | B |
| **89450** Fair-ground amusements, and equipment. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89511** Filing cabinets, racks and similar office equipment, excluding furniture, of base metal, not designed to be placed on floor. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89512** Stapling wire (all metals) on spools; and nonferrous metal staples for hand-stapling devices. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89512** Fittings for files, paper clips, and similar stationery goods of base metals; and iron and steel staples for hand-stapling devices. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89521** Pens, refill ink cartridges, mechanical pencils, penholders, desk pen sets, and pen and | .....[7] | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report playing cards in "pack."

[2] Export authorization is required from the U. S. Department of State for (a) firearms of any caliber (including combination rifle-shotguns), and parts and components therefor, and (b) tear gas guns, signal and Very pistols. (See paragraph 370.5(a).)

[3] Report shotguns in "number."

[4] A GLV dollar-value limit of $100 is established for the shipment of non-military shotguns and $50 for the shipment of parts for these shotguns to the Republic of South Africa.

[5] Export authorization from the U. S. Department of State is required for self-contained diving and underwater swimming apparatus and components and accessories specially designed therefor. See paragraph 370.5(a).

[6] Export authorization from the U. S. Maritime Administration is required for recreational watercraft. See paragraph 370.5(e).

[7] Report fountain pens, ball-point pens, mechanical pencils and refill ink cartridges in "dozen."

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| mechanical pencil parts, other than pen nibs and nib points. | | | | | | | | |
| 89522 Pen nibs and nib points..... | ..... | 218 | SZ | 500 | — | — | — | B |
| 89523 Pencils other than mechanical, pencil leads, crayons, chalk and drawing charcoal. | .....[1] | 218 | SZ | 500 | — | — | — | B |
| 89591 Writing, stamp pads, indelible, drawing, and marking inks. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89593 Date, sealing, and similar stamps, hand operated. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89594 Typewriter and similar ribbons and ink pads. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89596 Other office and stationery supplies, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89600 Works of art, collectors' pieces, and antiques. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89711 Jewelry and related items of carat gold, platinum, and platinum group metals, *except rosaries.*[2] | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89711 Rosaries and jewelry findings of precious metals; and other jewelry and related items of silver.[2] | ..... | 218 | SZ | 500 | — | — | — | B |
| 89714 Jewelry findings, rosaries and onyx manufactures incorporating pearls or precious or semiprecious stones. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89714 Other articles of other than precious metals, incorporating pearls or precious or semi-precious stones. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89715 Platinum-clad molybdenum tubing; and platinum-clad molybdenum wire. | Lb. | 261 | STVWXYZ | 100 | 500 | 100 | — | A E-8 |
| 89715 Hollow ware, solid or plated, of precious metals; and silver leaf.[2] | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89715 Silver-plated flatware, and other silver-plated manufactures; and gold leaf and foil.[2] | ..... | 218 | SZ | 500 | — | — | — | B |
| 89715 Other goldsmiths' and silversmiths' wares, and other articles of precious metals, except jewelry.[2] | ..... | 218 | SYZ | 500 | — | — | — | B |
| 89720 Men and women's jewelry and related items of metal other than gold, silver, platinum and platinum group metals.[2] | ..... | 218 | SZ | 500 | — | — | — | B |
| 89910 Articles and manufactures of carving or moulding materials. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89927 Hand sieves and hand riddles, laboratory types. | ..... | 628 | SZ *and* East Germany | 500 | — | — | — | B |
| 89927 Wire cloth sieves, all types, including electroformed, containing 95 percent or more nickel, with 60 or more sieves per linear centimeter or the equivalent thereof. | ..... | 218 | STVWXYZ | 100 | 500 | 100 | — | E-8 |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Report lead pencils, black and colored, *excluding artists,* in "gross."

[2] Export authorization is required from the U. S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **89927** Other cloth sieves..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89927** Other hand sieves and hand riddles, n.e.c. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89928** Hat braids of natural or man-made fibers. | ..... | 218 | SZ *and* East Germany | 500 * | — | — | — | B |
| **89928** Other plaits and similar materials and articles thereof. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89929** Prepared knots and tufts, cotton or wool, for broom or brush making. | Doz. | 218 | SYZ | 500 | — | — | — | B |
| **89929** Other prepared knots and tufts for broom or brush making; and mops, dusters, squeegees, brooms, tooth brushes, and other brushes, including paint rollers, wire brushes, and brushes for machines other than dental, medical, surgical, and veterinary appliances. | Doz. | 218 | SZ | 500 | — | — | — | B |
| **89931** Candles, tapers, night lights, and similar items. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89932** Matches ..... | ..... | 218 | SZ | 500 | — | — | — | B |
| **89933** Combustible preparations and products, n.e.c. (includes liquid fuel for mechanical lighters in containers not forming part of the lighter and not exceeding 300 cc capacity). [Report liquid fuels in containers exceeding 300 cc capacity under the commodity number applicable to the fuel.] | ..... | 218 | SZ | 500 | — | — | — | B |
| **89934** Cigarette and cigar lighters of precious metals.[1] | No. | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89934** Other lighters, mechanical, electrical, and chemical, and other types. | No. | 218 | SZ | 500 | — | — | — | B |
| **89935** Smoking pipes, cigar and cigarette holders; and parts therefor. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89940** Umbrellas, sunshades, walking sticks, canes, and similar items; and parts. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89951** Powder-puffs and pads for applying cosmetics or toilet preparations. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89952** Leatherette buttons ..... | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| **89952** Other buttons and parts, n.e.c., snap fasteners, studs and similar articles, n.e.c., used for fastening or decorating articles of apparel, not of precious metals or incorporating pearls or precious stones. | ..... | 218 | SZ | 500 | — | — | — | B |
| **89953** Slide fasteners and parts. [Report zipper wire not cut to length in appropriate Export Control Commodity number according to type metal.] | ..... | 218 | SZ | 500 | — | — | — | B |
| **89954** Combs, barrettes, and similar hair ornaments and holders, not of precious metal or incorporating pearls or precious stones. | ..... | 218 | SZ | 500 | — | — | — | B |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Export authorization is required from the U. S. Treasury Department for items of which 90 percent of the total value is attributable to gold content. See paragraph 370.5(b).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| 89955 Corset stays, and similar supports for apparel. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89956 Scent and similar sprayers, and parts, of a kind used for toilet purposes. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89957 Tailors' dummies ..... | ..... | 218 | SZ | 500 | — | — | — | B |
| 89957 Animated displays for window dressing | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 89961 Hearing aids ..... | ..... | 628 | Z | — | — | — | — | B |
| 89962 Orthopedic appliances and articles, artificial parts of body, and fracture appliances. | ..... | 628 | Z | — | — | — | — | B |
| 89991 Articles made from gut, goldbusters skin, bladders, or tendons. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89992 Prepared feathers and down and articles thereof, except millinery, bedding, comforters and pillows. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89993 Artificial flowers, foliage, and fruit, and articles made thereof. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89994 Wool-like specialty hair prepared for making wigs and similar articles. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89994 Other prepared animal hair for making wigs and similar articles; and human hair, dressed or otherwise worked. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89995 Wigs, false beards, and other articles, n.e.c., of wool-like specialty hair. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89995 Wigs, false beards, switches, and other articles of other animal or human hair. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89996 Fans and hand screens, non-mechanical, and frames and handles therefor. | ..... | 218 | SZ | 500 | — | — | — | B |
| 89997 Closures for vacuum bottles and jugs. [Report cork closures in Export Control Commodity No. 633.] | ..... | 218 | SZ | 500 | — | — | — | B |
| 89997 Vacuum bottles, jugs, and chests, complete (assembled or unassembled), usable only for hot or cold food or drinks. | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |
| 89997 Other vacuum bottles, jugs and chests; and parts, n.e.c. | ..... | 218 | SYZ | 500 | — | — | — | B |
| 89998 Parachutes in normal sporting use, and complete canopies, harnesses, and platforms therefor.[1] | ..... | 212 | STVWXYZ | 500 | 1,000 | 1,000 | — | |
| 89998 Other parachute parts and accessories.[1] | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 89999 Ground installed aircraft catapult systems, and specially designed parts, n.e.c.[2] | ..... | 431 | STVWXYZ | 500 | 500 | 500 | — | A |
| 89999 Equipment specially designed to facilitate operations of military aircraft in confined areas; and specially designed parts and accessories, n.e.c.[2] | ..... | 431 | STVWXYZ | — | 500 | — | — | A |

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] Parachutes (other than those in normal sporting use) for personnel or cargo dropping and aircraft deceleration, and complete canopies, harnesses, platforms, and electronic release mechanisms therefor, require export authorization from the U.S. Department of State. See paragraph 370.5(a).

[2] Aircraft launching equipment and military ground flying training equipment require export authorization from the U.S. Department of State. See paragraph 370.5(a).

| Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **89999** Other nonmilitary aircraft ground handling equipment, ground installed arresting systems, flight simulators, ground flying trainers and other related equipment, n.e.c.; and parts and accessories, n.e.c. | ..... | 438 | SXYZ | 500 | — | — | 100 | B |
| **89999** Manufactured articles, n.e.c. | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **SECTION 9—COMMODITIES AND TRANSACTIONS NOT CLASSIFIED ACCORDING TO KIND** | | | | | | | | |
| **SPECIAL TRANSACTIONS NOT CLASSIFIED BY KIND** | | | | | | | | |
| **93100** Replacement parts used in the repair of articles being returned to the country from which imported into the United States for inspection, testing, calibration, or repair. (Specify article and repair part by name.) | ..... | | WYZ | — | — | — | — | [1] |
| **93100** Parts used in the alteration of articles being returned which were imported into the United States for alteration other than inspection, testing, calibration, or repair. (Specify article and parts added.) | | | | | | | | |
| **93100** Commodities, n.e.c., donated for relief or charity by individuals or private agencies. (Specify by name.) [Report exports of commodities for relief or charity purposes by governmental agencies, excluding used clothing, under the applicable classification for the commodity being exported; and report used clothing in Export Control Commodity No. 84180.] | | | | | | | | |
| **93100** General merchandise valued at less than $100, except where the shipment requires a validated license. (Specify by name.) | | | | | | | | |
| **93100** Bacteria. (Specify by name.) | ..... | 248 | SXYZ | 500 | — | — | 100 | B |
| **93100** Other commodities not classified according to kind. (Specify by name.) | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| **ANIMALS, N.E.C., INCLUDING ZOO ANIMALS** | | | | | | | | |
| **941** Animals, live, n.e.c., including zoo animals, dogs, cats, insects, and birds. (Specify by name.) [Report other live animals in Export Control Commodity No. 001.] | ..... | 208 | SZ | 500 | — | — | — | B |

Processing code and related commodity group number applicable to each commodity under this classification are those which apply to the commodity under its individual Export Control Commodity Number.

Export controls applicable to each commodity when exported commercially under its individual Export Control Commodity Number.

Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number. In addition, see paragraph 373.65(a)(2)(v).

Export controls applicable to each commodity under this classification are those which apply to the commodity when exported commercially under its individual Export Control Commodity Number.

* For explanation, see § 399.1 pages 1, 2, and 3.

[1] See paragraph 371.18(a).

| *Department of Commerce Export Control Commodity Number and Commodity Description | Unit | *Processing Number | *Validated License Required for Country Groups Shown Below | *GLV $ Value Limits for Shipments to Country Groups | | | | *Special Provisions List |
|---|---|---|---|---|---|---|---|---|
| | | | | S | T | V | X | |
| **ARMS, MILITARY VEHICLES, ETC.**[1] | | | | | | | | |
| 95103 Wooden gun stock blanks.[2] | ..... | 218 | SXYZ | 500 | — | — | 100 | B |
| 95104 Sidearms, n.e.c., and parts. (Specify by name.)[3] | ..... | 218 | SWXYZ | 500 | — | — | 100 | B |
| 95105 Compressed air and gas charged pistols.[4] | No. | 218 | SZ | 500 | — | — | — | B |
| 95106 Parts and components for ammunition, *except cartridge cases, powder bags, bullets, jackets, cores, shells, projectiles, boosters, fuses and components, primers, and other detonating devices, and ammunition belting and linking machines.* (Specify by name.)[4, 5] | ..... | 211 | STVWXYZ | 100 | 500 | 100 | — | A |
| 95110 Survival kits, and other military equipment not identified by kind.[4] (Specify by name.) | ..... | 218 | SWXYZ | 500 | — | — | 100 | B |
| 95200 Military apparel of all types and materials, including footwear.[4] (Specify by name.) | ..... | 218 | SWXYZ | 500 | — | — | 100 | B |
| **COINS, NOT GOLD, NOT LEGAL TENDER** | | | | | | | | |
| 96100 Coins, other than gold coins, not being legal tender.[6] [Report numismatic and collectors coins in Export Control Commodity No. 89600; coins mounted in objects of personal adornment in Nos. 89711-89720; coins for legal tender in Nos. 68070 and 68080.] | ..... | 218 | SZ *and* East Germany | 500 | — | — | — | B |

[1] See paragraph 370.5(a) for commodities which require export authorization from the U. S. Department of State.
[2] Export authorization is required from the U.S. Department of State for insurgency and counterinsurgency weapons having a special military application, and all firearms regardless of caliber, and parts therefor, including firearms silencers.
[3] Export authorization is required from the U.S. Department of State for bayonets and parts.
[4] Export authorization from the U.S. Department of State is required for projectiles and ammunition. See paragraph 370.5(a).
[5] Export authorization from the U.S. Department of State is required for cartridge cases, powder bags, bullets, jackets, cores, shells (excluding shotgun), projectiles, boosters, fuses and components therefor, primers, and other detonating devices, and ammunition belting and linking machines.
[6] Gold coins require export authorization from the U. S. Treasury Department. See paragraph 370.5(b).



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