§ 171.7 Reference material.

(a) Matter incorporated by reference—

(1) General. There is incorporated, by reference in parts 171–180 of this subchapter, matter referred to that is not specifically set forth. This matter is hereby made a part of the regulations in parts 171–180 of this subchapter. The matter subject to change is incorporated only as it is in effect on the date of issuance of the regulation referring to that matter. The material listed in paragraphs (b) through (bb) of this section has been approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Material is incorporated as it exists on the date of the approval and a notice of any change in the material will be published in the Federal Register. Matters referenced by footnote are included as part of the regulations of this subchapter.

(2) Accessibility of materials. All incorporated matter is available for inspection at:

(i) The Office of Hazardous Materials Safety, Office of Hazardous Materials Standards, East Building, PHH–10, 1200 New Jersey Avenue SE., Washington, DC 20590–0001. For information on the availability of this material at PHH–10, call 1–800–467–4922, or go to: http://www.phmsa.dot.gov; and

(ii) The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202–741–6030, or go to: http://www.archives.gov/federal_register/
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code of federal regulations/ibr locations.html.

(b) Air Transport Association of America, 1301 Pennsylvania Avenue NW., Washington, DC 20004–1707.

(1) ATA Specification No. 300 Packaging of Airline Supplies, Revision 19, July 31, 1996, into § 172.102.

(2) [Reserved]


(d) American National Standards Institute, Inc., 25 West 43rd Street, New York, NY 10036.


(e) American Petroleum Institute, 1220 L Street NW., Washington, DC 20005–4070.


(2) [Reserved]

(f) American Pyrotechnics Association (APA), P.O. Box 30438, Bethesda, MD 20824.

(1) APA Standard 87–1, Standard for Construction and Approval for Transportation of Fireworks, Novelties, and Theatrical Pyrotechnics, December 1, 2001 version into §173.56.

(2) [Reserved]


(9) ASTM A 300–58 Steel Plates for Pressure Vessels for Service at Low Temperatures, 1958, into §178.337–2.


(22) ASTM A 612–72a High Strength Steel Plates for Pressure Vessels for Moderate and Lower Temperature Service, 1972, into §178.337–2.


(28) ASTM B 209–93 Standard Specification for Aluminum and Aluminum-

(29) ASTM B 221-76 Aluminum Alloy Extruded Bars, Rods, Shapes, and Tubes, 1976, into § 178.46.


(36) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(37) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(38) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(39) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(40) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(41) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

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(43) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(44) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(45) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(46) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(47) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(48) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(49) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(50) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.

(51) ASTM D 56–05, Standard Test Method for Flash Point by Tag Closed Cup Tester, approved May 1, 2005, into § 173.120.
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(3) AAR Specifications for Design, Fabrication and Construction of Freight Cars, Volume 1, 1988, into § 179.16.


(1) Chlorine Institute Emergency Kit "A" for 100-lb & 150 lb Chlorine Cylinders (with the exception of repair method using Device 8 for side leaks), Edition 10, June 2003, into § 173.3.

(2) Chlorine Institute Emergency Kit "B" for Chlorine Ton Containers (with the exception of repair method using Device 9 for side leaks), Edition 9, June 2003, into § 173.3.

(3) Type 1 JQ 225, Dwg., HS1970, Revision F, November 1996, into § 173.315.

(4) Type 1 JQ 225, Dwg. HS0155, Revision H, November 1996, into § 173.315.


(10) Standards for Housing and Manway Covers for Steel Cargo Tanks, Dwgs. 137–1 and 137–2, September 1, 1982, into § 178.337–10.


(m) Canadian General Standards Board, Place du Portage III, 6B1 11 Laurier Street, Gatineau, Quebec, Canada K1A 1G6.


(2) [Reserved]

(n) Compressed Gas Association (CGA), 1235 Jefferson Davis Highway, Arlington, VA 22202.

(1) CGA Pamphlet C-3, Standards for Welding on Thin-Walled Steel Cylinders, 1994, into § 178.47; 178.50; 178.51; 178.53; 178.55; 178.56; 178.57; 178.58; 178.59; 178.60; 178.61; 178.65; 178.68; 180.205.

(2) CGA C-5, Cylinder Service Life—Seamless Steel High Pressure Cylinders, 1991 (reaffirmed 1995), into § 173.302a.

(3) CGA Pamphlet C-6, Standards for Visual Inspection of Steel Compressed Gas Cylinders, 1993, into § 172.102; 173.3; 173.198; 180.205, 180.209, 180.211; 180.411; 180.519.


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(o) Department of Defense (DOD), 2461 Eisenhower Avenue, Alexandria, VA 22331.

(1) DOD TB 700–2; NAVSEA/NST 8020.8B; AFTO 11A–1–47; DLAR 8220.1:


(p) [Reserved]

(q) General Services Administration, Specification Office, Room 6662, 7th and D Street, S.W., Washington, DC 20407.


(2) [Reserved]

(r) Institute of Makers of Explosives, 1120 19th Street NW., Suite 310, Washington, DC 20036–3605.


(2) [Reserved]

(s) International Atomic Energy Agency (IAEA), P.O. Box 100, Wagramer Strasse 5, A–1400 Vienna, Austria. Also available from: Berman Associates, 4611–F Assembly Drive, Lanham, MD 20706-4391, USA; or Renouf Publishing Company, Ltd., 812 Proctor Avenue, Ogdensburg, New York 13669, USA.


(2) [Reserved]


ICAO Technical Instructions available from: INTEREG, International Regulations, Publishing and Distribution Organization, P.O. Box 60105, Chicago, IL 60660.

(1) Technical Instructions for the Safe Transport of Dangerous Goods by Air (ICAO Technical Instructions), 2013–2014 Edition, into §§ 171.18; 171.22; 172.28; 172.24; 172.101; 172.202; 172.401; 172.512; 172.519; 172.602; 173.56; 173.320; 175.10; 175.33; 178.3.

(2) [Reserved]
(u) International Electrotechnical Commission (IEC), 3 rue de Varembe, P.O. Box 131, CH—1211, GENEVA 20, Switzerland.


(2) International Maritime Dangerous Goods Code (IMDG Code), Incorporating Amendment 36–12 (English Edition), 2011, into §§ 171.22; 171.23; 171.25; 172.101; 172.202; 172.203; 172.401; 172.502; 172.519; 172.602; 173.21; 173.56; 176.2; 176.5; 176.11; 176.27; 176.30; 176.83; 176.84; 176.140; 176.170; 178.3; 178.503; 178.707; 178.710.


(6) ISO 2919–1980(E) Sealed radioactive sources—Classification, 1980, into § 173.120.
(7) ISO 3036–1975(E) Board—Determination of puncture resistance, 1975, into § 173.120.
(9) ISO 3574–1986(E), Cold-reduced carbon steel sheet of commercial and drawing qualities, into § 178.503; part 178, appendix C.
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Technical Corrigendum 1, 2006–11–01, into §178.274.


(22) ISO 6406(E), Gas cylinders—Seamless steel gas cylinders—Periodic inspection and testing, Second edition, February 2005, into §180.207.


(47) ISO 11623(E), Transportable gas cylinders—Periodic inspection and testing of composite gas cylinders, First edition, March 2002, into §180.207.


(x) National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Avenue, Columbus, Ohio 43229.


(2) [Reserved]


(2) National Institute of Standards and Technology, Department of Commerce, 5285 Port Royal Road, Springfield, VA 22151.


(1) Transportation of Dangerous Goods Regulations (Transport Canada TDG Regulations), into §§ 171.12; 171.22; 171.23; 172.401; 172.502; 172.519; 172.602; 173.31; 173.32; 173.33.


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(iv) SOR/2003–400 December 3, 2003
(v) SOR/2005–216 July 13, 2005
(vi) SOR/2005–279 September 21, 2005
(vii) SOR/2008–34 February 7, 2008

(2) [Reserved]

(cc) Truck Trailer Manufacturers Association, 1020 Princess Street, Alexandria, Virginia 22314.


(3) TTMA TB No. 107, Procedure for Testing In-Service Unmarked and/or Uncertified MC 306 and Non-ASME MC 312 Type Cargo Tank Manhole Covers, June 1, 1998 Edition, into §180.405.


(1) UN Recommendations on the Transport of Dangerous Goods, Model Regulations (UN Recommendations), 17th revised edition, Volumes I and II (2011), into §§171.8; 171.12; 172.202; 172.401; 172.407; 172.502; 173.22; 173.24; 173.24b; 173.40; 173.56; 173.192; 173.302b; 173.304b; 178.75; 178.274.

(2) UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, (Manual of Tests and Criteria), into §§172.102; 173.21; 173.56; 173.57; 173.58; 173.60; 173.115; 173.124; 173.125; 173.127; 173.137; 173.185; 173.220; part 173, appendix H; 178.274:

(i) Fifth revised edition (2009).


<table>
<thead>
<tr>
<th>Source and name of material</th>
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<tr>
<td>American Biological Safety Association 1202 Allison Road, Mundelein, IL 60060: Risk Group Classification for Infectious Agents, 1998</td>
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<td>Association of American Railroads, American Railroads Building, 50 F Street, NW., Washington, DC 20001: AAR Catalog Nos. SE60C; SE60C; SE60C; SE60C; SE60C; SE60C; SE60C; SE60C; SE60C; SE60C; SE60C</td>
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<td>Pamphlet 6A (includes appendix No. 1, October 1944 and appendix 2, December 1945), Illustrating Methods for Loading and Bracing Cargo and Less-Than-Carload Shipments of Loaded Projectiles, Loaded Bombs, etc., 1943.</td>
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<td>Centers for Disease Control and Prevention 1600 Clifton Road, Atlanta, GA 30333: Biocasitv Microbiological and Biomedical Laboratories, Fourth Edition, April 1999</td>
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§ 171.8 Definitions and abbreviations.

In this subchapter,

*Administrator* means the Administrator, Pipeline and Hazardous Materials Safety Administration.

*Aerosol* means any non-refillable receptacle containing a gas compressed, liquefied or dissolved under pressure, the sole purpose of which is to expel a nonpoisonous (other than a Division 6.1 Packing Group III material) liquid, paste, or powder and fitted with a self-closing release device allowing the contents to be ejected by the gas.

*Agricultural product* means a hazardous material, other than a hazardous waste, whose end use directly supports the production of an agricultural commodity including, but not limited to a fertilizer, pesticide, soil amendment or fuel. An agricultural product is limited to a material in Class 3, 8 or 9, Division 2.1, 2.2, 5.1, or 6.1, or an ORM-D material.

*Aircraft battery* means a battery designed in accordance with a recognized aircraft battery design standard (e.g., FAA technical standard order) that is capable of meeting all aircraft airworthiness requirements and operating regulations.

*Approval* means a written authorization, including a competent authority approval, from the Associate Administrator or other designated Department official, to perform a function for which prior authorization by the Associate Administrator is required under subchapter C of this chapter (49 CFR parts 171 through 180.)

*Approved* means approval issued or recognized by the Department unless otherwise specifically indicated in this subchapter.

*Asphyxiant gas* means a gas which dilutes or replaces oxygen normally in the atmosphere.

*Associate Administrator* means the Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration.

*Atmospheric gases* means air, nitrogen, oxygen, argon, krypton, neon and xenon.

*Authorized Inspection Agency* means: (1) A jurisdiction which has adopted and administers one or more sections of the ASME Boiler and Pressure Vessel Code as a legal requirement and has a representative serving as a member of the ASME Conference Committee; or (2) an insurance company which has been licensed or registered by the appropriate authority of a State of the United States or a Province of Canada to underwrite boiler and pressure vessel insurance in such State or Province.