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locker (freezer-locker) companies, and establishments where any food product is prepared or processed for serving to customers using machines prohibited by paragraph (a) of this section.

Rendering plants means establishments engaged in the conversion of dead animals, animal offal, animal fats, scrap meats, blood, and bones into stock feeds, tallow, inedible greases, fertilizer ingredients, and similar products.

Slaughtering and meat packing establishments means places in or about which such animals as cattle, calves, hogs, poultry, sheep, lambs, goats, buffalo, deer, or horses are killed, butchered, or processed. The term also includes establishments which manufacture or process meat or poultry products, including sausage or sausage casings from such animals.

(c) * * *

(1) The killing and processing of rabbits or small game in areas physically separated from the killing floor.

* * * * *

§ 570.62 Occupations involved in the operation of bakery machines (Order 11).

(a) *Finding and declaration of fact.* The following occupations involved in the operation of power-driven bakery machines are particularly hazardous for the employment of minors between 16 and 18 years of age:

(1) The occupations of operating, assisting to operate, or setting up, adjusting, repairing, oiling, or cleaning any horizontal or vertical dough mixer; batter mixer; bread dividing, rounding, or molding machine; dough brake; dough sheeter; combination bread slicing and wrapping machine; or cake cutting band saw.

(2) The occupation of setting up or adjusting a cooky or cracker machine.

[17 FR 5610, June 21, 1952, as amended at 25 FR 9849, Oct. 14, 1960. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3449, Apr. 9, 1963. Redesignated and amended at 36 FR 25156, Dec. 29, 1971]

EFFECTIVE DATE NOTE: At 75 FR 28456, May 20, 2010, § 570.62 was amended by revising paragraph (a)(2) and adding a new paragraph (b), effective July 19, 2010. For the convenience of the user, the added and revised text is set forth as follows:

§ 570.62 Occupations involved in the operation of bakery machines (Order 11).

(a) * * *

(2) The occupation of setting up or adjusting a cookie or cracker machine.

(b) *Exceptions.* (1) This section shall not apply to the operation, including the setting up, adjusting, repairing, oiling and cleaning, of lightweight, small capacity, portable counter-top power-driven food mixers that are, or are comparable to, models intended for household use. For purposes of this exemption, a lightweight, small capacity mixer is one that is not hardwired into the establishment's power source, is equipped with a motor that operates at no more than ½ horsepower, and is equipped with a bowl with a capacity of no more than five quarts. *Except*, this exception shall not apply when the mixer is used, with or without attachments, to process meat or poultry products as prohibited by § 570.61(a)(4).

(2) This section shall not apply to the operation of pizza-dough rollers, a type of dough sheeter, that: have been constructed with safeguards contained in the basic design so as to prevent fingers, hands, or clothing from being caught in the in-running point of the rollers; have gears that are completely enclosed; and have microswitches that disengage the machinery if the backs or sides of the rollers are removed. This exception applies only when all the safeguards detailed in this paragraph are present on the machine, are operational, and have not been overridden. This exception does not apply to the setting up, adjusting, repairing, oiling or cleaning of such pizza-dough rollers.

§ 570.63 Occupations involved in the operation of paper-products machines, scrap paper balers, and paper box compactors (Order 12).

(a) *Findings and declaration of fact.* The following occupations are particularly hazardous for the employment of minors between 16 and 18 years of age:

(1) The occupations of operation or assisting to operate any of the following power-driven paper products machines:

(i) Arm-type wire stitcher or stapler, circular or band saw, corner cutter or mitering machine, corrugating and single-or-double facing machine, envelope die-cutting press, guillotine paper cutter or shear, horizontal bar scorer, laminating or combining machine, sheeting machine, scrap paper baler, paper box compactor, or vertical slotter.

(ii) Platen die-cutting press, platen printing press, or punch press which involves hand feeding of the machine.

(2) The occupations of setting up, adjusting, repairing, oiling, or cleaning

these machines including those which do not involve hand feeding.

(b) *Definitions. Applicable ANSI Standard* means the American National Standard Institute's Standard ANSI Z245.5–1990 ("American National Standard for Refuse Collection, Processing, and Disposal—Baling Equipment—Safety Requirements") for scrap paper balers or the American National Standard Institute's Standard ANSI Z245.2–1992 ("American National Standard for Refuse Collection, Processing, and Disposal Equipment—Stationary Compactors—Safety Requirements") for paper box compactors. Additional applicable standards are the American National Standard Institute's Standard ANSI Z245.5–1997 ("American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Baling Equipment—Safety Requirements") for scrap paper balers or the American National Standard Institute's Standard ANSI Z245.2–1997 ("American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Stationary Compactors—Safety Requirements") for paper box compactors, which the Secretary has certified to be at least as protective of the safety of minors as Standard ANSI Z245.5–1990 for scrap paper balers or ANSI Z245.2–1992 for paper box compactors. The ANSI standards for scrap paper balers and paper box compactors govern the manufacture and modification of the equipment, the operation and maintenance of the equipment, and employee training. These ANSI standards are incorporated by reference in this paragraph and have the same force and effect as other standards in this part. Only the mandatory provisions (*i.e.*, provisions containing the word "shall" or other mandatory language) of these standards are adopted as standards under this part. These standards are incorporated by reference as they exist on the date of the approval; if any changes are made in these standards which the Secretary finds to be as protective of the safety of minors as the current standards, the Secretary will publish a Notice of the change of standards in the FEDERAL REGISTER. These incorporations by reference were approved by the Director of the Federal

Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of these standards are available for purchase from the American National Standards Institute (ANSI), 23 West 43rd St., Fourth Floor, New York, NY, 10036. In addition, these standards are available for inspection at the National Archives and Records Administration (NARA) and at the Occupational Safety and Health Administration's Docket Office, Room N2625, U.S. Department of Labor, 200 Constitution Avenue, NW., Washington, DC, 20210, or any of its regional offices. For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Operating or assisting to operate means all work which involves starting or stopping a machine covered by this section, placing materials into or removing materials from a machine, including clearing a machine of jammed paper or cardboard, or any other work directly involved in operating the machine. The term does not include the stacking of materials by an employee in an area nearby or adjacent to the machine where such employee does not place the materials into the machine.

Paper box compactor means a powered machine that remains stationary during operation, used to compact refuse, including paper boxes, into a detachable or integral container or into a transfer vehicle.

Paper products machine means:

(1) All power-driven machines used in—(i) Remanufacturing or converting paper or pulp into a finished product, including preparing such materials for recycling; or

(ii) Preparing such materials for disposal.

(2) The term applies to such machines whether they are used in establishments that manufacture converted paper or pulp products, or in any other type of manufacturing or nonmanufacturing establishment. The term also applies to those machines which, in addition to paper products, process other material for disposal.

Scrap paper baler means a powered machine used to compress paper and possibly other solid waste, with or

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without binding, to a density or form that will support handling and transportation as a material unit without requiring a disposable or reusable container.

(c) *Exemptions.* (1) Sixteen- and 17-year-olds minors may load materials into, but not operate or unload, those scrap paper balers and paper box compactors that are safe for 16- and 17-year-old employees to load and cannot be operated while being loaded. For the purpose of this exemption, a scrap paper baler or a paper box compactor is considered to be safe for 16- and 17-year-old to load only if all of the following conditions are met:

(i) The scrap paper baler or paper box compactor meets the applicable ANSI standard (the employer must initially determine if the equipment meets the applicable ANSI standard, and the Administrator or his/her designee may make a determination when conducting an investigation of the employer);

(ii) The scrap paper baler or paper box compactor includes an on-off switch incorporating a key-lock or other system and the control of the system is maintained in the custody of employees who are 18 years of age or older;

(iii) The on-off switch of the scrap paper baler or paper box compactor is maintained in an off position when the machine is not in operation; and

(iv) The employer posts a notice on the scrap paper baler or paper box compactor (in a prominent position and easily visible to any person loading, operating, or unloading the machine) that includes and conveys all of the following information:

(A) That the scrap paper baler or compactor meets the industry safety standard applicable to the machine, as specified in paragraph (b)(5) of this section. The notice shall completely identify the appropriate ANSI standard.

(B) That sixteen- and 17-year-old employees may only load the scrap paper baler or paper box compactor.

(C) That no employee under the age of 18 may operate or unload the scrap paper baler or paper box compactor.

(2) This section shall not apply to the employment of apprentices or student-

learners under the conditions prescribed in § 570.50 (b) and (c).

[56 FR 58632, Nov. 20, 1991, as amended at 69 FR 75403, Dec. 16, 2004]

EFFECTIVE DATE NOTE: At 75 FR 28456, May 20, 2010, § 570.63 was amended by revising the section heading, paragraphs (a)(2), (b) and (c)(1)(iv)(A) and adding paragraphs (a)(3) and (4), effective July 19, 2010. For the convenience of the user, the added and revised text is set forth as follows:

§ 570.63 Occupations involved in the operation of balers, compactors, and paper-products machines (Order 12).

(a) * * *

(2) The occupations of operation or assisting to operate any baler that is designed or used to process materials other than paper.

(3) The occupations of operation or assisting to operate any compactor that is designed or used to process materials other than paper.

(4) The occupations of setting up, adjusting, repairing, oiling, or cleaning any of the machines listed in paragraphs (a)(1), (2), and (3) of this section.

(b) *Definitions.* As used in this section:

Applicable ANSI Standard means the American National Standard Institute's Standard ANSI Z245.5-1990 *American National Standard for Refuse Collection, Processing, and Disposal—Baling Equipment—Safety Requirements* (ANSI S245.5-1990) for scrap paper balers or the American National Standard Institute's Standard ANSI Z245.2-1992 *American National Standard for Refuse Collection, Processing, and Disposal Equipment—Stationary Compactors—Safety Requirements* (ANSI Z245.2-1992) for paper box compactors. Additional applicable standards are the American National Standard Institute's Standard ANSI Z245.5-1997 *American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Baling Equipment—Safety Requirements* (ANSI Z245.5-1997), the American National Standard Institute's Standard ANSI Z245.5-2004 *American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Baling Equipment—Safety Requirements for Installation, Maintenance and Operation* (ANSI Z245.5-2004), and the American National Standard Institute's Standard ANSI Z245.5-2008 *American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Baling Equipment—Safety Requirements* (ANSI Z245.5-2008) for scrap paper balers or the American National Standard Institute's Standard ANSI Z245.2-1997 *American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Stationary Compactors—Safety Requirements* (ANSI Z245.2-1997), the American National Standard Institute's Standard ANSI Z245.2-2004 *American National*

Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Stationary Compactors—Safety Requirements for Installation, Maintenance and Operation (ANSI Z245.2–2004), and the American National Standard Institute’s Standard ANSI Z245.2–2008 *American National Standard for Equipment Technology and Operations for Wastes and Recyclable Materials—Stationary Compactors—Safety Requirements for Installation, Maintenance and Operation* (ANSI Z245.2–2008) for paper box compactors, which the Secretary has certified to be at least as protective of the safety of minors as Standard ANSI Z245.5–1990 for scrap paper balers or Standard ANSI Z245.2–1992 for paper box compactors. The ANSI standards for scrap paper balers and paper box compactors govern the manufacture and modification of the equipment, the operation and maintenance of the equipment, and employee training. These ANSI standards are incorporated by reference in this paragraph and have the same force and effect as other standards in this part. Only the mandatory provisions (i.e., provisions containing the word “shall” or other mandatory language) of these standards are adopted as standards under this part. These standards are incorporated by reference as they exist on the date of the approval; if any changes are made in these standards which the Secretary finds to be as protective of the safety of minors as the current standards, the Secretary will publish a Notice of the change of standards in the FEDERAL REGISTER. These incorporations by reference were approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Copies of these standards are available for purchase from the American National Standards Institute (ANSI), 25 West 43rd St., Fourth Floor, New York, NY 10036. The telephone number for ANSI is (212) 642–4900 and its Web site is located at <http://www.ansi.org>. In addition, these standards are available for inspection at 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/code_of_federal_regulations/ibr_locations.html. These standards are also available for inspection at the Occupational Safety and Health Administration’s Docket Office, Room N–2625, U.S. Department of Labor, 200 Constitution Avenue, NW., Washington, DC 20210, or any of its regional offices. The telephone number for the Occupational Safety and Health Administration’s Docket Office is (202) 693–2350 and its Web site is located at <http://dockets.osha.gov>.

Baler that is designed or used to process materials other than paper means a powered machine designed or used to compress materials other than paper and cardboard boxes, with or without binding, to a density or form that

will support handling and transportation as a material unit without requiring a disposable or reusable container.

Compactor that is designed or used to process materials other than paper means a powered machine that remains stationary during operation, designed or used to compact refuse other than paper or cardboard boxes into a detachable or integral container or into a transfer vehicle.

Operating or assisting to operate means all work that involves starting or stopping a machine covered by this section, placing materials into or removing materials from a machine, including clearing a machine of jammed materials, paper, or cardboard, or any other work directly involved in operating the machine. The term does not include the stacking of materials by an employee in an area nearby or adjacent to the machine where such employee does not place the materials into the machine.

Paper box compactor means a powered machine that remains stationary during operation, used to compact refuse, including paper boxes, into a detachable or integral container or into a transfer vehicle.

Paper products machine means all power-driven machines used in remanufacturing or converting paper or pulp into a finished product, including preparing such materials for recycling; or preparing such materials for disposal. The term applies to such machines whether they are used in establishments that manufacture converted paper or pulp products, or in any other type of manufacturing or nonmanufacturing establishment. The term also applies to those machines which, in addition to paper products, process other material for disposal.

Scrap paper baler means a powered machine used to compress paper and possibly other solid waste, with or without binding, to a density or form that will support handling and transportation as a material unit without requiring a disposable or reusable container.

- (c)(1) * * *
- (iv) * * *

(A)(1) That the scrap paper baler or compactor meets the industry safety standard applicable to the machine, as specified in paragraph (b) of this section and displayed in the following table.

<p>In order for employers to take advantage of the limited exception discussed in this section, the <i>scrap paper baler</i> must meet one of the following ANSI Standards:</p>	<p>In order for employers to take advantage of the limited exception discussed in this section, the <i>paper box compactor</i> must meet one of the following ANSI Standards:</p>
ANSI Standard Z245.5–1990	ANSI Standard Z245.2–1992.
ANSI Standard Z245.5–1997	ANSI Standard Z245.2–1997.

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<p>In order for employers to take advantage of the limited exception discussed in this section, the <i>scrap paper baler</i> must meet one of the following ANSI Standards:</p>	<p>In order for employers to take advantage of the limited exception discussed in this section, the <i>paper box compactor</i> must meet one of the following ANSI Standards:</p>
ANSI Standard Z245.5-2004	ANSI Standard Z245.2-2004.
ANSI Standard Z245.5-2008	ANSI Standard Z245.2-2008.

(2) The notice shall completely identify the appropriate ANSI standard.

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§ 570.64 Occupations involved in the manufacture of brick, tile, and kindred products (Order 13).

(a) *Findings and declaration of fact.* The following occupations involved in the manufacture of clay construction products and of silica refractory products are particularly hazardous for the employment of minors between 16 and 18 years of age, and detrimental to their health and well-being.

(1) All work in or about establishments in which clay construction products are manufactured, except (i) work in storage and shipping; (ii) work in offices, laboratories, and storerooms; and (iii) work in the drying departments of plants manufacturing sewer pipe.

(2) All work in or about establishments in which silica brick or other silica refractories are manufactured, except work in offices.

(3) Nothing in this section shall be construed as permitting employment of minors in any occupation prohibited by any other hazardous occupations order issued by the Secretary of Labor.

(b) *Definitions.* (1) The term *clay construction products* shall mean the following clay products: Brick, hollow structural tile, sewer pipe and kindred products, refractories, and other clay products such as architectural terra cotta, glazed structural tile, roofing tile, stove lining, chimney pipes and tops, wall coping, and drain tile. The term shall not include the following non-structural-bearing clay products: Ceramic floor and wall tile, mosaic tile, glazed and enameled tile, faience, and similar tile, nor shall the term include non-clay construction products

such as sand-lime brick, glass brick, or non-clay refractories.

(2) The term *silica brick or other silica refractories* shall mean refractory products produced from raw materials containing free silica as their main constituent.

[21 FR 5773, Aug. 2, 1956, as amended at 23 FR 6240, Aug. 14, 1958. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3450, Apr. 9, 1963. Redesignated and amended at 36 FR 25156, Dec. 29, 1971]

§ 570.65 Occupations involved in the operations of circular saws, band saws, and guillotine shears (Order 14).

(a) *Findings and declaration of fact.* The following occupations are particularly hazardous for the employment of minors between 16 and 18 years of age:

(1) The occupations of operator or helper on the following power-driven fixed or portable machines except machines equipped with full automatic feed and ejection:

- (i) Circular saws.
- (ii) Band saws.
- (iii) Guillotine shears.

(2) The occupations of setting-up, adjusting, repairing, oiling, or cleaning circular saws, band saws, and guillotine shears.

(b) *Definitions.* (1) The term *operator* shall mean a person who operates a machine covered by this section by performing such functions as starting or stopping the machine, placing materials into or removing them from the machine, or any other functions directly involved in operation of the machine.

(2) The term *helper* shall mean a person who assists in the operation of a machine covered by this section by helping place materials into or remove them from the machine.

(3) The term *machines equipped with full automatic feed and ejection* shall mean machines covered by this Order which are equipped with devices for full automatic feeding and ejection and with a fixed barrier guard to prevent completely the operator or helper from placing any part of his body in the point-of-operation area.

(4) The term *circular saw* shall mean a machine equipped with a thin steel disc having a continuous series of notches or teeth on the periphery,