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those provided with full automatic feed and ejection and with a fixed barrier guard to prevent the hands or fingers of the operator from entering the area between the dies; power presses; and plate punches.

(iii) All bending machines, such as apron brakes and press brakes.

(iv) All hammering machines, such as drop hammers and power hammers.

(v) All shearing machines, such as guillotine or squaring shears; alligator shears; and rotary shears.

(2) The occupations of setting up, adjusting, repairing, oiling, or cleaning these machines including those with automatic feed and ejection.

(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 *forming, punching, and shearing machines* shall mean power-driven metal-working machines, other than machine tools, which change the shape of or cut metal by means of tools, such as dies, rolls, or knives which are mounted on rams, plungers, or other moving parts. Types of forming, punching, and shearing machines enumerated in this section are the machines to which the designation is by custom applied.

(c) *Exemptions.* This section shall not apply to the employment of apprentices or student-learners under the conditions prescribed in § 570.50 (b) and (c).

[16 FR 7008, July 20, 1951, as amended at 25 FR 9848, Oct. 14, 1960. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3449, Apr. 9, 1963. Redesignated at 36 FR 25156, Dec. 29, 1971]

EFFECTIVE DATE NOTE: At 75 FR 28455, May 20, 2010, the section heading of § 570.59 was revised, effective July 19, 2010. For the convenience of the user, the revised text is set forth as follows:

29 CFR Ch. V (7–1–10 Edition)

§ 570.59 Occupations involved in the operation of power-driven metal forming, punching, and shearing machines (Order 8).

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§ 570.60 Occupations in connection with mining, other than coal (Order 9).

(a) *Finding and declaration of fact.* All occupations in connection with mining, other than coal, are particularly hazardous for the employment of minors between 16 and 18 years of age or detrimental to their health or well-being and employment in such occupations is therefore prohibited under section 12 of the Fair Labor Standards Act, as amended, except the following:

(1) Work in offices, in the warehouse or supply house, in the change house, in the laboratory, and in repair or maintenance shops not located underground.

(2) Work in the operation and maintenance of living quarters.

(3) Work outside the mine in surveying, in the repair and maintenance of roads, and in general clean-up about the mine property such as clearing brush and digging drainage ditches.

(4) Work of track crews in the building and maintaining of sections of railroad track located in those areas of open-cut metal mines where mining and haulage activities are not being conducted at the time and place that such building and maintenance work is being done.

(5) Work in or about surface placer mining operations other than placer dredging operations and hydraulic placer mining operations.

(6) The following work in metal mills other than in mercury-recovery mills or mills using the cyanide process:

(i) Work involving the operation of jigs, sludge tables, flotation cells, or drier-filters;

(ii) Work of hand-sorting at picking table or picking belt;

(iii) General clean-up work:

Provided, however, That 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.

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(b) *Definitions.* As used in this section: The term *all occupations in connection with mining, other than coal* shall mean all work performed underground in mines and quarries; on the surface at underground mines and underground quarries; in or about open-cut mines, open quarries, clay pits, and sand and gravel operations; at or about placer mining operations; at or about dredging operations for clay, sand or gravel; at or about bore-hole mining operations; in or about all metal mills, washer plants, or grinding mills reducing the bulk of the extracted minerals; and at or about any other crushing, grinding, screening, sizing, washing or cleaning operations performed upon the extracted minerals except where such operations are performed as a part of a manufacturing process. The term shall not include work performed in subsequent manufacturing or processing operations, such as work performed in smelters, electro-metallurgical plants, refineries reduction plants, cement mills, plants where quarried stone is cut, sanded and further processed, or plants manufacturing clay glass or ceramic products. Neither shall the term include work performed in connection with coal mining, in petroleum production, in natural-gas production, nor in dredging operations which are not a part of mining operations, such as dredging for construction or navigation purposes.

[16 FR 7008, July 20, 1951. Redesignated at 28 FR 1634, Feb. 21, 1963, and amended at 28 FR 3449, Apr. 9, 1963. Redesignated at 36 FR 25156, Dec. 29, 1971]

§ 570.61 Occupations in the operation of power-driven meat-processing machines and occupations involving slaughtering, meat packing or processing, or rendering (Order 10).

(a) *Findings and declaration of fact.* The following occupations in or about slaughtering and meat packing establishments, rendering plants, or wholesale, retail or service establishments are particularly hazardous for the employment of minors between 16 and 18 years of age or detrimental to their health or well-being:

(1) All occupations on the killing floor, in curing cellars, and in hide cellars, except the work of messengers,

runners, handtruckers, and similar occupations which require entering such workrooms or workplaces infrequently and for short periods of time.

(2) All occupations involved in the recovery of lard and oils, except packaging and shipping of such products and the operation of lard-roll machines.

(3) All occupations involved in tankage or rendering of dead animals, animal offal, animal fats, scrap meats, blood, and bones into stock feeds, tallow, inedible greases, fertilizer ingredients, and similar products.

(4) All occupations involved in the operation or feeding of the following power-driven machines, including setting-up, adjusting, repairing, oiling, or cleaning such machines, regardless of the product being processed by these machines (including, for example, the slicing in a retail delicatessen of meat, poultry, seafood, bread, vegetables, or cheese, etc.): Meat patty forming machines, meat and bone cutting saws, meat slicers, knives (except bacon-slicing machines), headsplitters, and guillotine cutters; snoutpullers and jawpullers; skinning machines; horizontal rotary washing machines; casing-cleaning machines such as crushing, stripping, and finishing machines; grinding, mixing, chopping, and hashing machines; and presses (except belly-roll machines).

(5) All boning occupations.

(6) All occupations that involve the pushing or dropping of any suspended carcass, half carcass, or quarter carcass.

(7) All occupations involving handlifting or handcarrying any carcass or half carcass of beef, pork, or horse, or any quarter carcass of beef or horse.

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

(1) The term *slaughtering and meat packing establishments* means places in or about which cattle, calves, hogs, sheep, lambs, goats, or horses are killed, butchered, or processed. The term also includes establishments which manufacture or process meat products or sausage casings from such animals.