

# \*\*\*DRAFT - NOT FOR FILING\*\*\*

## 4101:9-2-11 Power-driven metal forming, punching, and shearing machine operations.

(A) The following occupations are prohibited for minors under eighteen years of age, unless exempt below:-

- (1) The occupations of operator of or helper on the following power-driven metal forming, punching, and shearing machines:
  - (a) All rolling machines, such as beading, straightening, corrugating, flanging, or bending rolls, and hot or cold rolling mills.
  - (b) All pressing or punching machines, such as punch presses, except 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.
  - (c) All bending machines, such as apron brakes and press brakes.
  - (d) All hammering machines, such as drop hammers and power hammers.
  - (e) 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 [listed in paragraph \(A\)\(1\) of this rule](#), including those with automatic feed and ejection.

(B) Definitions:

- (1) The term "operator" shall mean a person who operates a machine covered by this rule 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 rule 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, such as dies, rolls, or knives ~~which~~ [that](#) 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) Exceptions:

This rule does not apply to machine tools ~~which~~ [that](#) are defined as "power-driven" complete metal-working machines having one or more tool- or work-holding devices, and used for progressively removing metal in the form of chips.

(1) Milling function machines

Horizontal milling machines

Vertical milling machines

Universal milling machines

Planer-type milling machines

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Gear hobbing machines

Profilers

Routers

## (2) Turning function machines

Engine lathes

Turret lathes

Hollow spindle lathes

Automatic lathes

Automatic screw machines

## (3) Planing function machines

Planers

Shapers

Slotters

Broaches

Keycasters

Hack saws

## (4) Grinding function machines

Grinders

Abrasive wheels

Abrasive belts

Abrasive disks

Abrasive points

Polishing wheels

Buffing wheels

Stroppers

Lapping machines

## (5) Boring function machines

Vertical boring mills

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Horizontal boring mills

Jig borers

Pedestal drills

Radial drills

Gang drills

Upright drills

Drill press, etc.

Centering machines

Reamers

Honers