

Hazardous Occupational Orders U. S. Department of Labor

The following are conditions deemed hazardous for the employment of minors between 16 and 18 years of age.

Occupations with an * are exempt from child labor laws for apprentices and student learners under the conditions (e.g. incidental to the training, intermittent and for brief periods of time, under close supervision, etc.) set forth on the first page of the training plan. Exemptions do not apply to student learners under age 16.

1. Manufacturing, storing, handling or transporting explosives or articles containing explosives (ammunition, black powder, blasting caps, fireworks, high explosives primers, smokeless powder). Exceptions are retail establishments and non-explosive areas.
2. Engage as a motor-vehicle driver or outside helper (in the use of an automobile, truck, truck-tractor, trailer, semitrailer, motorcycle or similar vehicle on a public road, highway, near a mine, near logging or sawmill, or in an excavation) except incidental and occasional driving.
3. Engaged in coal mining, including all work underground, in open-pit, or at surface contributing to extraction, grading, clearing or other handling. Exceptions are picking slate or other refuse at a table or chute in a tippie or breaker, working in surface offices or maintenance or repair shops.
4. Work in all logging occupations or in the operations of any sawmill, lath mill, shingle mill, or cooperage stock mill. Exceptions include work in offices or in repair or maintenance shops: construction, operations, repair, or maintenance of living and administrative quarters; work in timber cruising, surveying or logging-engineering parties; repair or maintenance of roads, railroads or flumes; clearing fire trails or roads, piling and burning slash; maintaining fire-fighting equipment; constructing and maintaining telephone lines; acting as fire lookout or fire patrolman away from logging operations; peeling of fence posts, pulpwood, chemicalwood, excelsior wood, cordwood, or similar products when not done in conjunction with and at the same place as logging functions; and feeding or caring for animals. (Note: Exceptions shall not apply to the felling or bucking of timber, the collecting or transporting of longs, the operations of power-driven machinery, the handling or use of explosives and work on trestles.)
5. Operating power-driven woodworking machines (feeding material into fixed or portable machines used or designed for doing any of the following to wood or veneer: cutting, shaping, forming, surfacing, nailing, stapling, wirestitching, fastening, otherwise assembling, pressing, printing, or removal of materials directly from the point of operations of circular saws and guillotineaction veneer clippers.
6. Exposure to radioactive substances and to ionizing radiations. Includes storing or using radium; making, using, storing, processing, or packaging self-luminous compounds and incandescent mantles; and exposure to other radioactive substances and ionizing radiations that exceed federal standards.
7. Operating or assisting in the operation of power-driven hoisting apparatus (elevator, crane, derrick, hoist, and high-lift truck), including functions performed by crane hookers, crane chasers, and riggers. Exceptions include operating an unattended automatic passenger elevator or electric or air-operated hoist not exceeding one-ton capacity, and riding on a freight elevator operated by an assigned operator.
8. Operating power-driven metal forming, punching and shearing machines (*metal-working machines* [e.g. dies, rolls, knives mounted on rams, plungers], *rolling machines* [e.g. beading, straightening, corrugating, flanging, bending, hot or cold rolling mills], *pressing and punching machines* [e.g. full automatic feed & ejection punch presses with fixed barrier guards, power presses, plate punches], *bending machines*, [e.g. apron brakes, press brakes, hammering machines, drop hammers, power hammers, shearing machines, guillotine shears, squaring shears, alligator shears, rotary shears].)
9. Engaged in mining, other than coal. Exceptions are work in an office, warehouse, supply house, change house, laboratory, repair or maintenance shop not under ground. Other exceptions include operating and maintaining living quarters, surveying, road work, general clean-up outside the mine; building and maintaining railroad track when no mining or hauling is ongoing; surface placer operations other than dredging and hydraulic; metal millwork other than mercury recovery or using cyanide; operating jigs, sludge tables, flotation cells, drier filters; hand sorting at picking table or belt.
10. Operating power-driven meat processing machines (meat patty forming machines, meat and bone cutting saws, knives, head-splitters, guillotine cutters, snoutpullers and jawpullers, skinning machines, horizontal rotary washing machines, casing-cleansing machines, crushing machines, stripping machines, finishing machines, grinding machines, mixing machines, chopping machines, hashing machines, or presses machines.)
11. Operating bakery machines (dough mixer, batter mixer, bread dividing, rounding, or molding machine: dough brake; dough-sheeter, combination bread slicer/wrapper, cake cutting band saw; setting up or adjusting [only] cookie or cracker machine).
12. Operating, assisting with, setting up or maintaining power-driven paper-products machines (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, vertical slotters, hand feed platen die-cutting, platen printing and punch presses.)
13. Manufacturing of brick, tile, and kindred products. Exceptions include work in offices, laboratories and storerooms, storage and shipping, and drying departments for sewer pipe.
14. Operating circular saws, band saws and guillotine shears. (Note: Apprentices and student learners restricted to machines equipped with full automatic feed and ejection.)
15. Engaged in wrecking, demolition and shipbreaking, including cleanup and salvage done at razing, demolishing, or dismantling of buildings, bridge, steeple, tower, chimney, other structure, ship, other vessel.
16. Engaged in roofing (applying weatherproofing materials and substances to roofs, the installation of roofs [including flashing], alterations, additions, maintenance, or repair [including painting and coating]). (Note: Apprentices and student learners also may engage in gutter and downspout work, construction for sheathing or base of roofs, installation of television antennas, air conditioners, exhaust and ventilating equipment and similar appliances.)
17. Engaged in excavation (working in or backfilling trenches, building excavations, tunnels or shafts). (Note: Apprentices and student learners restricted to depths of no more than four feet, excavations whose side walls are shored or sloped to the angle of repose, and tunnels or shafts after all driving or sinking and shoring operations are complete.)