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OSHA UPDATES



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OSHA's Standard Requirements

OSHA's Mechanical Power Presses standard, [29 CFR1910.217](#), contains requirements to protect workers from point of operation hazards. Requirements include:

- Hand Controls. Controls must be arranged so that both hands are used at the same time to trip the press.
- Anti-repeat. This feature must be part of the control system so that the press is limited to a single stroke
- Electrical Clutch/Brake Control Circuits. Circuitry must incorporate features such as relays, limit switches, and static output circuits to minimize the possibility of an unintended stroke if a control component fails to function properly
- Control Reliability. The control system must be designed to allow the brake to stop the press when a control component fails, while at the same time not allowing the next stroke to occur until the failure is fixed
- Safeguarding the Point of Operation. Employers shall provide and ensure the use of point of operation guards or properly applied and adjusted point of operation devices on every operation performed on a mechanical power press .
- Point of operation guards. A barrier that prevents the operator's hand or fingers from entering the point of operation of the press by reaching through, over, under or around the guard.
- Point of operation devices. A control or attachment that prevents the operator from inadvertently reaching into the point of operation
- Hand Feeding Tools. Used for placing and removing material in and from the point of operation area. These can only be used with other point of operation guards or devices, not in place of them.
- Design, Construction, Setting and Feeding of Dies. Dies and operating methods must be designed to control or eliminate hazards to operators. By providing and enforcing the use of hand tools for clearing jams in the die, workers will not need to reach into the point of operation with their hands
- Inspection, Maintenance and Modification of Presses. Employers must develop an inspection program that ensures that all press parts, point of operation guards and devices are in safe working condition. A certification record of these inspections is required and all repair or maintenance must be performed and completed before the press is operated
- If a press is modified, it must be accompanied by instructions that indicate new or changed guidelines for use and care of the press
- Training and Instruction. Maintenance personnel who care for, inspect and maintain power presses must be competent and operators must be trained and instructed on safe work methods before starting work.



Industrial Automation can help you with OSHA compliance. Contact us at 608-781-6878

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