



SAFETY BRIEF

MACHINE HAZARDS

Employee exposure to unguarded or inadequately guarded machines is prevalent in many workplaces. Workers who operate and maintain machinery suffer approximately 18,000 amputations, lacerations, crushing injuries, abrasions and over 800 deaths per year.

MACHINE HAZARDS

The 3 basic types of motion-related machine hazards are:

1. Hazardous motions—Includes rotating machine parts, sliding parts, up/down motions and materials moving in a continuous line
2. Points of operation—The areas where the work is performed
3. Pinch points and shear points—The areas where a part of the body or clothing could be caught between a moving part and a stationary object; includes power transmission apparatuses such as flywheels, pulleys, belts, chains, couplings, spindles, cams, gears or connecting rods

MACHINES THAT REQUIRE GUARDS

Here are some of the machines that may require guards. This list is not comprehensive so think about the machines you work with, the hazards associated with your work and the guards in place to protect you. Remember to never remove or tamper with any machine guards.

- Jointer
- Sander
- Lathe
- Mechanical power press
- Grinding wheels
- Reciprocating saw
- Shaper



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