

# MACHINE SAFEGUARDING

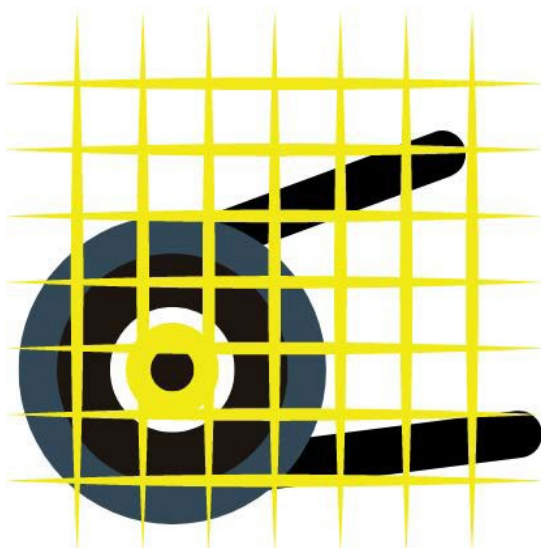
All machines and equipment come with hazard risks. Machine safeguarding protects operators and other workers from mechanical hazards during regular operations.

Incidents from unguarded machines can cause **SEVERE** injuries including lacerations, maiming, amputations and even death.

Safeguarding machinery helps to reduce workplace injuries and provides workers with more confidence and comfort working around machinery.

## MACHINE SAFEGUARDING

- WHY IS IT IMPORTANT?
- DO I KNOW THE HAZARDS OF MY MACHINE?
- IS SAFEGUARDING A SUBSTITUTE FOR LOCK OUT?



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# MACHINE SAFEGUARDING



## WHY SAFEGUARDING IS IMPORTANT

Adequate guards help ensure you won't get injured using machinery. If you can reach Around, Under, Through or Over (AUTO) a guard then it is not effective.

Dangerous types of machine motion include cutting, shearing, traversing, rotating and reciprocating. Review these motions first when conducting any machine hazard assessment. Look at what the machine does to understand all possible hazards - if the machine uses pneumatics or hydraulics, or has pinch and shear points, there may be additional hazards to consider.

## WHAT ARE THE HAZARDS OF MY MACHINE?

Combinations of mechanical motions can occur in most machines. These can include:

- Rotating members
- Reciprocating arms
- Moving belts
- Meshing gears
- Cutting teeth
- Any parts that impact or shear



## IS SAFEGUARDING A SUBSTITUTE FOR LOCK OUT?

The right safeguarding provides good protection during normal use. **Safeguarding is not a substitute for lock out** when clearing blocks or doing maintenance.

## TYPES OF SAFEGUARDS:

A safeguard can be one or more of the six listed solutions that eliminate or reduce the risks of using dangerous machinery.

- Barrier guards
- Safeguarding devices
- Machinery location
- Administrative means
- Training and safety procedures
- Personal protective equipment



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