

MACHINE GUARDING

PURPOSE: This policy establishes guidelines to protect UM employees from hazards created by point of operation, nip points, rotating parts, flying chips and sparks in machine areas where a part of the body or clothing could be caught between a moving part and a stationary object possibly resulting in injury.

TERMS & DEFINITIONS

- Point of Operations: The area of the machine where the machine performs work, such as cutting, shaping, boring and forming.
- Rotating Motion: A circular motion generated by rotating collars, couplings, cams, flywheels, etc.
- Reciprocating Motion: A back and forth or up and down motion.
- Transverse Motion: Motion in a straight continuous line.
- Nip Points: Pinch points developed when two or more parts move together, and at least one moves in a rotary or circular motion.

POLICY: Each campus shall establish a written machine guarding program. At a minimum, the program will cover:

- Roles and responsibilities
- Training requirements
- Recordkeeping requirements
- Program inspection and evaluation criteria
- Types of equipment and their components
- Safeguard requirements
- Hazard evaluation and control requirements
- Maintenance

PROCEDURES & PRACTICES: Refer to machine guarding procedural guide for details. If after reviewing you have any questions, please reach out to EHS for clarification.

Resources:

- 29 CFR 1910 Subpart O
- 29 CFR 1910 Subpart P
- 29 CFR 1910.147