Temple University
Environmental Health and Radiation Safety

# O&M MACHINE GUARDING PROGRAM SOP

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| **Applies to:** All employees in Operations and Maintenance who work with or near machinery or equipment with machine guards. | |

## Definitions

Danger Zone: The area on a machine where the worker could be injured while conducting normal operations.

Machine Guard: Safeguards installed on a machine to protect workers from injury while using the machine.

Point of Operation: The area on the machine where the work is being done.

1. One or more methods of guarding will be installed on all machinery where injury could occur to protect the workers at the point of operation.
    a. Potential injuries could result from pinch points, rotating belts, and saw blades.
    b. These injuries can result from accidental contact with the machine during normal operations.
2. Machine guards must be inspected prior to utilizing the machine.
    a. Workers will look for cracks, dents, corrosion, or any other defect that could impact the effectiveness of the guard.
3. Any machine that fails –re-use inspection of the machine guards will be removed from service.
    a. Workers will inform both their trade supervisor and the facility safety specialist
4. All maintenance and servicing of equipment that requires guards to be bypassed will utilize lock out/tag out SOPs.
5. Workers will be trained prior to using new equipment or machinery and annually thereafter.