

University of Tennessee Knoxville
Job Hazard Analysis and Personal Protective Equipment Assessment

Instructions for Supervisors: Please review all applicable Job Hazard Analysis forms with your employee. The forms are categorized by job task.

Hazard Analysis:

Miter Saw

| Task | Hazard | Cause | Prevention |
|-------------|------------------|---|--|
| General Use | Inhalation | Dust/particles generated during machine operation | Appropriate natural ventilation, disposable respirators (if needed) |
| | Eye Injury | Projectiles | Safety glasses with side shield or appropriate safety goggles |
| | Trauma | Projectiles, rotating parts, points of operation, ingoing nip points, flying chips & sparks | Situational awareness, PPE, protective clothing, machine guards |
| | Foot Injury | Drop object on foot | Wear safety shoes |
| | Hand Injury | Point of Operations, ingoing nip points, rotating parts, flying chips and sparks | Machine guards, situational awareness |
| | Head Protection | Projectiles | Face Shield (as necessary) |
| | Fire | Sparks | Appropriate placed fire extinguisher, remove all combustibles and fire hazards from machine area |
| | Electrical Shock | Improper grounding, improper operation and maintenance | Proper grounding of frame, manufacturer's instructions strictly followed |

PPE Required:

- Safety Shoes/Boots
- Goggles/Safety Glasses w/side shield
- Face Shield (as necessary)
- Disposable Respirators (if needed)

This document serves as the Personal Protective Equipment (PPE) Certification document required to satisfy the federal requirements of the Occupational Safety and Health Administration (OSHA) Standard, 29 CFR 1910.132 Subpart I- Personal Protective Equipment. This certifies that a hazard assessment of workplace hazards has been performed. Signatures for the certification are on file in the Environmental Health and Safety Department office. For questions and more information about this document, please contact EHS at 974-5084 or safety @utk.edu.

April W. Case

EHS Team Leader General Safety

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