

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:

Hand Held Portable Power Tools

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

PPE Required:

- Protective Clothing (optional)
- Safety Shoes/Boots
- Goggles/Safety Glasses w/side shields
- Disposable Respirators (optional)
- Face shield, as appropriate
- Hearing Protection

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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