

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:

Power Hacksaw

Task	Hazard	Cause	Prevention
General Use	Inhalation	Dust/particles generated during machine operation, exhaust fumes	Appropriate natural ventilation, respirators when needed
	Eye Injury	Projectiles, burns	Safety glasses with side shield or appropriate safety goggles
	Head Protection	Projectiles	Face shield (as necessary)
	Trauma	Projectiles, point of operation, flying chips & sparks, improper use and operation	Situational awareness, PPE, protective clothing, machine guards, manufacturer's instructions strictly followed
	Foot Injury	Drop object on foot	Safety shoes
	Hand Injury	Point of operation, in-going nip points, rotating parts, flying chips and sparks	Machine guards, situational awareness
	Fire	Sparks	Appropriate placed fire extinguisher, remove all combustibles and fire hazards from machine area

PPE Required:

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

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.

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