

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: Auger (Post Hole), Gasoline Powered

Task	Hazard	Cause	Prevention
General Use	Inhalation	Dust/particles generated during machine operation, exhaust fumes	Appropriate natural ventilation, disposable respirators
	Eye Injury	Projectiles	Safety glasses with side shield or appropriate safety goggles
	Trauma	Projectiles, point of operation, flying debris & sparks, improper use and operation, loose clothing becoming entangled	Situational awareness, PPE, machine guards, Manufacturer's instructions followed, do not wear loose clothing
	Noise	Engine	Ear plugs/ear muffs
	Foot Injury	Drop object on foot, impact of auger	Safety shoes
	Hand Injury	Point of operation, in-going nip points, rotating parts, flying debris and sparks	Gloves, machine guards, situational awareness
	Fire	Sparks	Appropriate placed fire extinguisher, remove all combustibles and fire hazards
General Use	Inhalation	Dust/particles generated during machine operation, exhaust fumes	Appropriate natural ventilation, disposable respirators

PPE Required:

- Gloves (leather)
- Goggles/Safety Glasses w/side shield disposable respirator (optional)
- Safety Shoes/boots
- 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.

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