

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:

Air Compressor, Portable, Electric

Task	Hazard	Cause	Prevention
Routine Maintenance/Repair	Electric Shock	Improper operation and maintenance	Unplug electrical cord and retain control of plug during repair/maintenance
Routine Operation	Noise	Equipment operation	Use hearing protection
	Trauma	Improper use, uncontrolled release of compressed air	Use appropriate nozzle for specific work activity, situational awareness
	Eye Injury	Projectiles, flying debris	Goggles or safety glasses with side shields
Using compressed air for cleaning with PSI greater than 30 PSI	Eye/Bodily injury	Projectiles, flying debris	Reduce PSI to less than 30, PSI and use chip guard

PPE Required:

- Goggles or Safety glasses with side shield
- 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 865-974-5084 or safety@utk.edu.

April W. Case

EHS Team Leader General Safety

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