

**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:

**Torch, Oxygen- Acetylene**

Task	Hazard	Cause	Prevention
General Use	Inhalation	Hazard fumes, gases, dusts	Appropriate mechanical ventilation, as required, respirator
	Eye Injury	Projectiles, fumes, dusts, flashes	Helmets, Safety glasses w/side shields or goggles, appropriate welders screens.
	Trauma	Projectile, burns	Situational awareness, Flame Retardant clothing.
	Foot Injury	Drop object on foot	Wear safety shoes
	Fire	Heat, sparks, slag	Appropriate placed fire extinguisher, remove all combustibles and fire hazards from the area

**PPE Required:**

- Protective Clothing (full sleeves, no front pockets, no cuffs, shirt left outside of pants, made of clean Flame Retardant materials)
- Eye Safety Shield/Helmet with filter lens
- Respirator (Optional)
- Safety Shoes/ Boots
- Goggles/ Safety Glasses w/side shields
- Fire resistant gauntlet gloves

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

Date 12/4/2017