





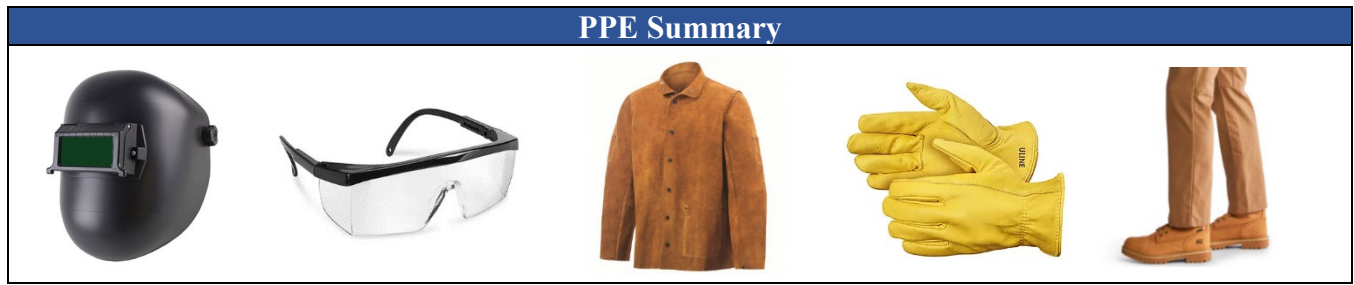


Task Hazard Assessment Form

Task Name	Arc Welding
Department	HVAC
Supervisor	Kyle Brennan
Work Location	Central Steam Plant
Date of Assessment	10.10.2024

Hazard	Description
Physical Hazards (Check all that apply) <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Electrical Hazards <input type="checkbox"/> Fall from Heights <input type="checkbox"/> Falling Objects <input checked="" type="checkbox"/> Flying Particles <input checked="" type="checkbox"/> Noise <input type="checkbox"/> Sharp/Abrasive Objects <input type="checkbox"/> Struck by Objects <input type="checkbox"/> Slippery Surfaces <input checked="" type="checkbox"/> Sparks/Hot Particles <input checked="" type="checkbox"/> Temperature Extremes <input type="checkbox"/> Vehicular Traffic <input checked="" type="checkbox"/> Other (Please Describe): <u>IR/UV Radiation</u>	Describe any applicable hazards ➤ Current from welding unit can cause electrical shocks ➤ Welding can create flying particles ➤ Welding equipment can generate loud noises ➤ Welding can generate sparks and hot particles of metal ➤ Welding generates extremely high temperatures ➤ IR and UV radiation generated by welding can damage the skin and eyes
Chemical Hazards (Check all that apply) <input type="checkbox"/> N/A <input type="checkbox"/> Air/Water-Sensitive Substances <input type="checkbox"/> Flammable Liquids/Vapors <input checked="" type="checkbox"/> Irritants <input checked="" type="checkbox"/> Compressed Gases <input type="checkbox"/> Corrosive Substances <input type="checkbox"/> Radioactive Substances <input checked="" type="checkbox"/> Toxic Substances <input type="checkbox"/> Other (Please Describe): _____	Describe any applicable hazards ➤ Welding fumes can contain irritating/toxic substances, such as Nickel, Copper, and Zinc ➤ Arc welding requires the use of an inert compressed gas
Biological Hazards (Check all that apply) <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Air-borne Pathogens <input type="checkbox"/> Biological Sharps <input type="checkbox"/> Blood and Bodily Fluids <input type="checkbox"/> Mold <input type="checkbox"/> Sewage <input type="checkbox"/> Other (Please Describe): _____	Describe any applicable hazards

Controls Methods	Task-Specific Controls
<p>Engineering Controls - Physical methods that reduce or prevent workers from coming into contact with hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Carts/Dollies ▪ Emergency Shut-Offs ▪ Guardrails ▪ Hoists ▪ Machine Guards ▪ Pumps ▪ Ventilation 	<p>List any engineering controls that are required to complete this task</p> <ul style="list-style-type: none"> ➤ Always use the designated welding table for welding activities ➤ Ground the welding cart before use ➤ Always place a welding screen in front of the work area ➤ Use a chain to properly stow any cylinders
   	
<p>Administrative Controls – Work practices that reduce the duration, frequency, or intensity of exposure to hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Buddy System ▪ Communication ▪ Limiting Access ▪ Rest Breaks ▪ Training 	<p>List any administrative controls that are required to complete this task</p> <ul style="list-style-type: none"> ➤ Only use welding equipment if you have been trained in safe operation by a competent employee ➤ Inspect welding equipment before use. If parts are missing or damaged, place out-of-service ➤ Do not wear any loose-fitting or frayed clothing. Secure long hair ➤ Do not weld in close proximity to combustible materials
<p>Personal Protective Equipment (PPE) - Equipment worn to minimize exposure to hazards</p> <p><u>Examples (Not Exhaustive)</u></p> <ul style="list-style-type: none"> ▪ Chemical Aprons ▪ Cut-Resistant Gloves ▪ Dust Suits ▪ Face Shields ▪ Safety Glasses 	<p>List any personal protective equipment that is required to complete this task</p> <ul style="list-style-type: none"> ➤ Welding helmet ➤ Safety glasses ➤ Welding Jacket ➤ Leather gloves ➤ Standard work clothing (long pants, safety shoes)



Is a follow-up required?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Reason for follow-up		

Task Hazard Assessment Form Completed By

Name: _____ Mark Schuman _____

Signature: _____

Department: _____ Environmental Health and Safety _____

Date: _10/10/24_