

Job Safety Analysis/Risk Assessment/PPE Assessment

Location: Evergreen Lodge		Department: Facilities	Activity/Process being assessed: Welding
JSA Reference #: FL005		Assessors: Assistant General Manager	
ID	Job Tasks	Potential Hazard	How to Control Hazard
1	Training/Authorized Use: Only those employees who have been properly trained and have reviewed and signed-off on this JSA may operate a this equipment.	Bodily Injury: Failure to read, understand, and follow the safety guidelines outlined in this JSA may result in Employee or Bystander Injury and/or Property Damage	Employee Use: Each employee must read, understand, sign-off, and adhere to the safety guidelines outlined in this JSA.
2	Close off welding area.	Flashing	Close welding curtain to shield outsiders from flashing.
3	Prepare for welding.	Inhalation of fumes	Turn on exhaust fan and timer. Wear welding hood.
		Flashing Sparks	Wear welding jacket, apron, gloves, work shoes.
		Slag splatter	Wear welding jacket, apron, gloves, work shoes.
4	Set gauges, turn on gas cylinders.	Pinching fingers and hands	Avoid pinch points
5	Clean tip, make sure hose valves are tight, unwrap hoses.	Pinching fingers	Avoid pinch points.
		Tripping	Keep hoses untangled and free from feet.
6	Use striker to light torch	Burning fingers, hands body, flashing	Wear welding hood, welding jacket, apron, gloves, work shoes.
7	Apply flame to material	Flashing, sparks, slag splatter	Wear welding hood, welding jacket, apron, gloves, work shoes.
8	Allow material to cool on workbench	Burn to hands or fingers	Wear gloves. Chalk mark welded area "Hot."
9	Close valves, bleed off regulators, wrap hoses	Pinching fingers	Avoid pinch points.
		Tripping	Keep hoses untangled and free from feet.
10	Use chipping hammer to remove excess slag	Eye damage by flying debris from hammer strike	Wear safety glasses.
		Injuring fingers with hammer	Use caution to avoid striking fingers or hands with hammer.
11	Reporting Accidents/Injuries:	None	Immediately report all accidents to Management.
Required Training:		Oxygen / Acetylene torch use	
Required Personal Protective Equipment (PPE):		Safety Glasses, Gloves, Welding jacket/apron, Welding Hood, Work Shoes	
Persons Affected: Operator Other Worker (including leased labor) Outside Contractor			

I understand & will adhere to the steps, hazards & controls as described in this JSA.
 I understand that performing steps out of sequence may pose hazards that have not been evaluated, nor authorized.
 I will contact my supervisor prior to continuing work, if the scope of work changes or new hazards are introduced.
 I understand I have the authority and responsibility to stop work I believe to be unsafe.