

	Jobs Safety Analysis		Start Date: 10/7/2009 (one year)
JOB/ACTIVITY NAME: Oxygen / Acetylene torch		JSA # (optional):	
DEPARTMENT/GROUP NAME Metrology / Alignment Engineering Group	BLDG/AREA LOCATION(s): 107	OTHER INFORMATION or REFERENCES::	
SCOPE OF WORK Weld Material			

Steps	Potential Hazards	Controls
Close off welding area.	Flashing	Close welding curtain to shield outsiders from flashing.
Prepare for welding.	Inhalation of fumes Flashing Sparks Slag splatter	Turn on exhaust fan and timer. Wear welding hood. Wear welding jacket, apron, gloves, work shoes. Wear welding jacket, apron, gloves, work shoes.
Set gauges, turn on gas cylinders.	Pinching fingers and hands	Avoid pinch points
Clean tip, make sure hose valves are tight, unwrap hoses.	Pinching fingers Tripping	Avoid pinch points. Keep hoses untangled and free from feet.
Use striker to light torch	Burning fingers, hands body; flashing	Wear welding hood, welding jacket, apron, gloves, work shoes.
Apply flame to material.	Flashing, sparks, slag splatter	Wear welding hood, welding jacket, apron, gloves, work shoes.
Allow material to cool on workbench.	Burn to hands or fingers	Wear gloves. Chalk mark welded area "Hot."
Close valves, bleed off regulators, wrap hoses.	Pinching fingers Tripping	Avoid pinch points. Keep hoses untangled and free from feet.
Use chipping hammer to remove excess	Eye damage by flying debris from hammer strikes	Wear safety glasses.

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slag.	Injuring fingers with hammer	Use caution to avoid striking fingers or hands with hammer.
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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.

Worker Name (please print)

Signature

Date

Brendan Dix

Georg Gassner

Supervisor

Signature

Date

I have communicated area hazards with the supervisor or listed worker(s) for this activity and have coordinated the described activity with affected occupants. The above listed workers are released to perform described scope of work in the following area(s): _____

Mike Racine

Area or Building Manager

Signature

Date