

Cutting Torch

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Burns	Eye Protection	Fire Extinguisher Training
Eye Injuries	Face Shield	
	Helmet	
	Gloves	
	Clean and Intact F.R. Coveralls	

Safe Work Procedure:

- 1) Ensure that bottles are secured in the upright position
- 2) Zero the gauges
- 3) Mount the gauges to the bottles - red hose to Acetylene - green hose to oxygen
- 4) Open valves
- 5) Set gauges by turning regulator dial clockwise - 5 lb. acetylene - 40 lb. oxygen
- 6) Turn on acetylene = 1/4 turn at torch handle
- 7) Light with striker
- 8) Increase the acetylene until the black smoke decreases
- 9) Turn the oxygen at the torch handle
- 10) Increase the oxygen until the desired flame is achieved (blue short tip with no feathers)
- 11) Cut as required
- 12) Shut off in the reverse order

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

<p style="text-align: center;">Guidance Documents/Standards:</p> <p>MB Workplace Safety & Health Act & Regulations: 2.1 Safe Work Procedure 5 First Aid 6 Personal Protective Equipment 17 Welding & Allied Processes</p>	<p style="text-align: center;">This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>