

Lighting an Oxy-Acetylene Torch

|                  |                    |                     |                      |                              |
|------------------|--------------------|---------------------|----------------------|------------------------------|
| <b>Facility:</b> | <b>Written By:</b> | <b>Approved By:</b> | <b>Date Created:</b> | <b>Date of Last Revision</b> |
|                  |                    |                     |                      |                              |

| <b>Hazards Present:</b>          | <b>PPE or Devices Required:</b> | <b>Additional Training Required:</b> |
|----------------------------------|---------------------------------|--------------------------------------|
| Contents under pressure          | Steel toed boots                | Fire Extinguisher Training           |
| Inhalation of smoke              | Face shield / safety glasses    |                                      |
| Inhalation of chemicals / toxins | Safety glasses                  |                                      |
| Fire/Explosion                   | leather gloves                  |                                      |
| Burns                            | Respirator                      |                                      |

**Safe Work Procedure:**

- 1) Purge the line of any air or explosive mixture by opening the torch needle valves one at a time.
- 2) Open acetylene needle valve about half turn.
- 3) Do not open oxygen needle valve yet.
- 4) Using striker, ignite the acetylene ensuring the flame will not cause physical or property damage.
- 5) Open oxygen needle valve and balance mixtures to the desired combination.

***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**

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| <p style="text-align: center;"><b>Guidance Documents/Standards:</b></p> <p>MB Workplace Safety &amp; Health Act &amp; Regulations:</p> <p>4 General Workplace Requirements</p> <p>16 Machines, Tools and Robots</p> <p>17 Welding and Allied Processes</p> <p>19 Fire and Explosive Hazards</p> | <p>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><br><br><p>Date:</p>   |