**Safe Job Procedures**

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| Name of Job:  **Cutting Torch** | Development Date:  **March 30th, 2011** | Developed By:  **CSNS** |

**Possible Hazards Present**

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| Burns | Eye injuries | Compressed gas | Fire/Explosion |
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**Personal Protective Equipment (PPE) and Devices Recommended**

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| Eye protection | Fire extinguisher | Face shield | Hand protection |
| Helmet | Fire retardant coveralls |  |  |

**What is a proper safe job procedure to follow?**

* Ensure that bottles are secured in the upright position
* Zero the gauges
* Mount the gauges to the bottles – red hose to Acetylene – green hose to Oxygen
* Open valves
* Set gauges by turning regulator dial clockwise – 5lb Acetylene – 40lbs Oxygen
* Turn on acetylene – ¼ turn at torch handle
* Light with striker
* Increase the acetylene until the black smoke decreases
* Turn on the oxygen at the torch handle
* Increase the oxygen until the desired flame is achieved (blue short tip with no feathers)
* Cut as required
* Shut off in the reverse order