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Safe Work Practice

Name of Job: Welding, Cutting and Burning	Development Date: February 10th, 2011	Developed By: CSNS
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Possible Hazards Present

Burns	Compressed gas	Fire/Explosion	Repetitive Motion /Strain
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Personal Protective Equipment (PPE) and Devices Recommended

Leather welding clothing	Fire extinguisher	Helmet	Hand protection
Fire retardant coveralls	Fire retardant Gloves	Foot Protection	

What are some general safe work practices?

- **DO** ensure that adequate ventilation is supplied since hazardous fumes can be created during welding, cutting or burning.
- **DO NOT** start work without proper authorization.
- **DO have** fire fighting or prevention equipment on hand before starting welding, cutting or burning.
- **DO** check the work area and remove any combustible material and possible flammable vapours before starting work.
- **DO NOT** work alone. A fire or spark watch should be maintained.
- **DO** check cables and hoses to protect them from slag or sparks.
- **DO NOT** weld or cut lines, drums, tanks, etc. that have been in service without making

Please note: This document is for information purposes only as a guide. The safe job procedures (SJP) and safe work practices (SWP) created for your workplace should reflect your organizations processes, equipment and hazards as identified by a hazard analysis. Construction Safety Nova Scotia does not assume responsibility for the use of information in this document. If assistance is needed to complete a SWP and SJP for your organization please contact CSNS member services at constructionsafetyns.ca or 1.800.971.3888.



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sure that all precautions have been carried out and permits obtained.

- **DO NOT** enter, weld or cut in a confined space without meeting the requirements of Occupational Safety General Regulations Part 12 - Confined Space Entry.
- **DO** use fire resistant materials (blankets, tarps) to control or contain slag and sparks.
- **DO NOT** cut or weld where sparks and cutting slag with fall on cylinders (move all cylinders away to one side).
- **DO** open all cylinder valves slowly. The wrench used for opening the cylinder vales should always be kept on the valve spindle when the cylinder is in use.

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