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Safe Work Practice

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| Name of Job: Pipe Welding | Development Date: March 30th, 2011 | Developed By: CSNS |
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Possible Hazards Present

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| Working at heights | Working in confined spaces | Risk of eye injury | Slips, trips and falls |
| Risk of injury from falling objects | Burns from hot surfaces, flames, sparks, etc., | Exposure to lead and other toxic heavy metals | Proximity to flammable or combustible materials |

Personal Protective Equipment (PPE) and Devices Recommended

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|----------------------|-----------------|--------------------|-----------------------|
| Head protection | Eye Protection | Foot protection | Fall Arrest Equipment |
| Respirator Equipment | Skin Protection | Hearing Protection | |

What are some good general safe work practices?

- **DO** ensure that welders check their equipment at frequent and regular intervals for defects, particularly for defective cables in wet areas.
- **DO** ensure buffing and grinding operators wear face shields, safety glasses, and hearing protection.
- **DO** Ensure full and empty cylinders be kept separate and identified.
- **DO** Ensure cylinders are secured and in upright position.
- **DO** ensure flammable materials are kept out of weld areas.
- **DO** avoid watching arc without proper eye protection.
- **DO** Ensure grinders and buffers have proper guards installed as per manufacturer specifications.
- **DO** ensure that when welding or grinding use portable grinding / welding shields around the area where work is being done.
- **DO** have welding cables off the ground and up in walk areas.
- **DO NOT** contact lenses when welding. Use CSA approved safety eye wear.

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.