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## Safe Work Practice

Name of Job: <b>Portable Arc Welders</b>	Development Date: <b>March 7, 2011</b>	Developed By: <b>CSNS</b>
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### Possible Hazards Present

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

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 workers are trained in use of welder.
- **DO** perform a “walk around” inspection before starting equipment.
- **DO** ensure welder is firmly attached to the transporting unit.
- **DO** check all fluid levels to ensure they are at acceptable levels for operation.
- **DO NOT** fuel the machine while it is running or hot.
- **DO NOT** “top off” the gas tank when fuelling. Gasoline expands as the outside temperature rises, this may result in seepage and an ensuing fire.
- **DO** Ensure the side covers are kept closed to protect equipment from any damage from external objects, as well as to protect the operator and others from the moving parts of the machine.
- **DO** Ensure sure all cables are wound securely when transporting equipment.
- **DO** ensure that any repairs shall be done by qualified mechanics.
- **DO** Ensure *Working Alone* policy is followed, where applicable

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](http://constructionsafetyns.ca) or 1.800.971.3888.