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## Safe Job Procedures

<b>Name of Job:</b> <b>Welding</b>	<b>Development Date:</b> <b>March 30th, 2011</b>	<b>Developed By:</b> <b>CSNS</b>
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### Possible Hazards Present

Burns	Electrical shock	Inhalation of gases	Flash
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### Personal Protective Equipment (PPE) and Devices Recommended

Steel toed boots	Eye protection	Leather gauntlet gloves	Welders mask
Welding curtain	Fire extinguisher	Respiratory protection	Local exhaust

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

- Only qualified personnel may perform welding activities
- Always work with a spotter (fire watch) to ensure that a spark or fire is eliminated
- Ensure the work area is well ventilated or that provided ventilation hoods are in use
- Check the work area for combustible material and possible flammable vapors before starting work
- Check all cables and hoses to protect from slag, heat, fire and sparks. Check cables and hoses for damage before starting
- Before welding drums, tanks, etc. that have been in service, ensure that all precautions have been carried out and permits have been obtained, as required
- Ensure that the ground cable is applied to the frame of the object being welded
- Always wear the appropriate mask/goggles
- Ensure other workers are protected from arc flash burns by utilizing screens or advising people of the work being performed in the area

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.