

TOOL TYPE **CHECKLIST**

GEOGRAPHY **ALL** **SOURCE:** **OHSI**

WELDING SAFETY CHECKLIST

BENEFITS

The OHS laws requires you to take reasonable steps to protect workers who engage in “hot work,” such as welding, cutting and allied processes, as well as others who work around them. For example, you must ensure such workers use proper PPE.

HOW TO USE THE TOOL

Adapt this checklist for the hot work requirements in your jurisdiction’s OHS laws and any incorporated CSA standards, such as *W117.2, Safety in Welding, Cutting and Allied Processes*, and use it to audit your welding safety procedures to ensure that they comply with these requirements and adequately protect all workers.

OTHER RESOURCES:

[Implement a Hot Work Permit Program; Model Hot Work Permit](#)

[Welding Training Checklist](#)

[Protecting Workers from Overexposure to Fumes](#)

[Alert: Welding on Containers](#)

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WELDING SAFETY CHECKLIST

| SAFETY MEASURES | YES | NO | COMMENTS |
|--|-----|----|----------|
| Are welding cables and hoses kept clear of passageways, ladders and stairways? | | | |
| Are welders given suitable face, neck and ear protection, such as welding helmets and hand shields, to prevent exposure to direct radiant energy from the arc? | | | |
| Are welders given appropriate eye protection? | | | |
| Are workers required to wear flame-resistant clothing? | | | |
| Are workers required to wear suitable gloves or other appropriate arm protection? | | | |
| Have all operations involving the welding, cutting or heating of metals containing lead, cadmium, mercury, beryllium and similar hazardous substances been evaluated to determine if respiratory protection is required? | | | |
| Are workers who are welding on platforms, scaffolds or elevations protected from falls by railings or appropriate fall protection systems? | | | |
| When the work permits, are welders enclosed in individual non-combustible booths or screened-in areas with an internal, non-reflective surface? | | | |
| Do booths and screens permit air circulation at the floor level? | | | |
| Are workers working near welders protected from arc welding rays by screens, booths, curtains, partitions or shields? | | | |
| Are all welding operations in confined spaces done with careful consideration of ventilation, respiratory protection, rescue, escape, atmospheric testing and safety training? | | | |
| Are the areas around welding operations inspected for and cleared off flammable, combustible or explosive materials, gases, vapours, dusts, etc. before welding begins? | | | |
| Is effective local exhaust ventilation in place at fixed work stations to minimize worker exposure to harmful air contaminants produced by welding, burning or soldering? | | | |

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