

SAFE WORK PRACTICES PORTABLE ARC WELDERS

**This information does not take precedence over OH&S. All employees should be familiar with the Saskatchewan Employment Act and the OH&S Regulations.*

General: Portable arc welders are a piece of equipment that has to be treated like a vehicle. Do not operate them indoors.

1. Be sure the machine is firmly attached to the transporting unit.
2. Check all fluid levels, water, oil and gas/diesel to be sure they are at acceptable levels for operating.
3. When fuelling, ***do not*** "top off" the gas tank. Gasoline expands as the outside temperature rises and this may result in seepage and an ensuing fire.
4. Do not fuel the machine while it is running. Allow the engine to cool before refueling.
5. Be sure the radiator and gas caps are in proper working order and securely attached.
6. Do a "walk around" to check for damage and obvious leaks.
7. Any repairs should be done by qualified mechanics or technicians.
8. Make sure all cables are wound securely when transporting.
9. Ensure the side covers/guards are kept closed to protect the machine from any damage from external objects and outside weather, as well as to protect the operator and others from the moving parts of the machine.