

Welding

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Burns	Steel toed boots	Fire extinguisher training
Flashover	Welders mask	Welder training/certification
Inhalation of gases	Leather gauntlet gloves	
Electrical shock	Long sleeves	
	Welding curtain	
	Fire Extinguisher	

Safe Work Procedure:

- 1) Only qualified personnel may perform welding activities
- 2) Always work with a spotter to ensure that a spark or fire is eliminated
- 3) Ensure the work area is well ventilated
- 4) Check the work area for combustible material and possible flammable vapours before starting work.
- 5) Check all cables and hoses to protect from slag, heat, fire and sparks. Check cables and hoses for damage before starting.
- 6) Welding drums, tanks, etc. that have been in service without making sure that all precautions have been carried out and permits obtained if required.
- 7) Ensure that the ground cable is applied to the frame of the object being welded.
- 8) Avoid looking directly at the arc unless protected with an appropriate mask or goggles.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

<p>Guidance Documents/Standards:</p> <p>MB Workplace Safety & Health Act & Regulations: 2.1 Safe Work Procedure 5 First Aid 6 Personal Protective Equipment 17 Welding & Allied Processes</p>	<p>This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years</p>
	<p>Reviewed By WSH Committee:</p> <p>Date:</p>