

Safe Work Procedure

Welding

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

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

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

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