TIG Welder

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

Hazards Present:	*PPE or Devices Required:*	*Additional Training Required:*
Explosion	Eye protection	WHMIS
Sparks	Welding hoot with beanie	Welding Gas Usage
Burns	Steel toed boots	
noise	Welding apron, jacket, gloves	
Eye injury		

Safe Work Procedure:

1) Close light curtain at entrance to welding booth to protect shop personnel from momentary exposure to arc
2) Activate ventilation hood or sing arm fume extractor for type of welding being done
3) Put on required PPE
4) Turn Argon Compressed Gas Cylinder Regulator on
5) Turn welder on with master wall switch at switch on/off
6) Prior to welding, metal parts are treated with Phosphoric Acid in paint booth
7) Weld metal
8) Welded joint is finished with hand held grinder
9) Gas and electrical is operated by an unguarded foot switch
10) TIG system has closed loop cooling system
11) Return power switch to off position.

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