

180 Plasma Arc Cutting (PAC Process)

<b>Facility:</b>	<b>Written By:</b>	<b>Approved By:</b>	<b>Date Created:</b>	<b>Date of Last Revision</b>

<b>Hazards Present:</b>	<b>PPE or Devices Required:</b>	<b>Additional Training Required:</b>
Sparks	Gloves	Operators Manual
Bright light	Leather smock	
Noise	Welding mask with #4 to #6 shade	
Burns	Hearing protection	

**Safe Work Procedure:**

1. Clamp ground clamp to work piece or table.
2. Attach air hose to plasma cutter
3. Place work piece on the bench and hold on to plasma torch and begin cutting.
4. When finished cutting leave the work piece to cool, you could quench it. Let cool for at least 20 minutes.

***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**

<b>Guidance Documents/Standards:</b>  MB Workplace Safety & Health Act & Regulations:	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 WSH Committee:  Date: