



Plasma Cutter

Developed by:	Approved by:	Date created:	Last revision:
Jason M. Moffatt	G. Kaluzniak	January , 2016	December 1, 2022
Possible Hazards Present	Personal Protection Required	Additional Training	
<ul style="list-style-type: none"> - Sparks - Hot metal slag - Electrical shock 	<ul style="list-style-type: none"> - Goggles - Gloves - Proper fitting clothing - Nothing that will catch sparks 	<ul style="list-style-type: none"> - PPE 	
<ol style="list-style-type: none"> 1. Read operators manual to become familiar with all operating controls. 2. Plug in plasma cutter and adjust the amperage gauge as specified on chart attached to plasma cutter, for thickness of metal you are cutting. 3. Inspect plasma tip for signs or wear, remove tip if you notice large amounts of gouging in the copper tip, and reassemble the tip. 4. Turn on plasma cutter and secure item to be cut to a non-combustible surface with clamps. 5. Put on your coloured safety glasses and gloves, and place copper tip of cutter the proper distance from cutting surface. 6. Depress the tip of the plasma cutter to start the cut. The torch will have a delay, so do not lift the plasma torch away from the surface of the metal. 7. Slowly drag the tip of the plasma cutter along the surface of the metal. Slow down your dragging speed if you notice sparks coming back towards you while cutting, speed up your dragging if the plasma arc repeatedly shuts off. 			
Documentation/Legislation Workplace Safety and Health Regulation, M.R. 217/2006 6 Personal Protective Equipment 17 Welding and Allied Processes		This Safe Work Procedure will be reviewed anytime the task, equipment or materials change and at a minimum every three years.	