

Laser Tool Operation

<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>
Emission of Laser Light	Eye Protection	
Electrical Shock	Hard Hat	
	Safety Footwear	

**Safe Work Procedure:**

1. Read and understand the manual that accompanies your laser tool.
2. Don personal protective equipment before beginning the task. Note that this is a general Safe Work Procedure statement- there are no glasses, goggles, or shields, tinted or otherwise, that will protect your eyes from laser light. The glasses that are sometimes provided with laser tools are intended only to enhance your view of the light in poor conditions, not to protect you from it. Every individual must exercise caution and vigilance to prevent exposure to laser light.
3. Ensure the tool is turned off. Inspect the following for defects: body, cord, charger, batteries, laser aperture. If defects are identified, tool is to be red tagged and locked out. Notify supervisor for maintenance. Only qualified personnel may perform maintenance.
4. If tool is wall-mounted or otherwise suspended at a height, ensure it is mounted securely to prevent falling.
5. Laser tools that emit invisible light should be shut off when not in use to limit potential exposure.
6. When finished, switch tool off and ensure it is stored properly to reduce potential for damage which may create safety hazards.
7. Many modern measuring and optical tools, such as total stations, have laser features. Be alert for symbols such as the one below and exercise caution around such tools, whether in use by Horizon or by subtrades.



***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:  2.1 Safe work procedures 6.13(1) Eye and face protectors Part 9 Working Alone 16.4 Machine and Tool Safety 16.14 Lockout 16.28 Lasers	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: