

# Safety Instructions and Job Hazard Analysis: Laser cutter

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> <li>• Ensure that you communicate with someone in the space of your activities and have them review this document with you so all hazards are known.</li> </ul>
Program and start the printer.	Pinch Points, Hot Surfaces	<ul style="list-style-type: none"> <li>• Prior to programming the cutter, close the door to prevent injury from unwanted movement.</li> <li>• Do not attempt to open the door while the cutter is in motion. Press the red button to stop.</li> <li>• Do not leave the cutter unattended due to the potential for fire.</li> <li>• Know the location of fire extinguisher prior to beginning.</li> </ul>
Turn off and remove cut material.	Hot Surfaces	<ul style="list-style-type: none"> <li>• Don't touch the lens assembly. It can be hot.</li> </ul>
Clean the area.	Hot Surfaces, Flying Debris	<ul style="list-style-type: none"> <li>• Vacuum debris from the catch tray.</li> <li>• Wear safety glasses to prevent eye injury.</li> </ul>

In case of malfunction: If the tool does not perform as anticipated, or makes an unfamiliar sound, or creates any safety concerns: IMMEDIATELY notify a Maker Ninja and ask them to Lockout and Tag out the tool until a follow-up inspection can be completed.