

Safety Instructions and Job Hazard Analysis: 3D printer

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> • 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.
Program and start the printer.	Pinch Points, Hot Surfaces	<ul style="list-style-type: none"> • Do not touch the tip of the nozzle head once the printer is on. It will be extremely hot. • Do not reach inside the build volume while the printer is running; sudden acceleration of the print head may hurt your hand.
Turn off and remove printed material.	Hot Surfaces	<ul style="list-style-type: none"> • Allow time for your printed material to cool.
Clean the area.	Hot Surfaces, Flying Debris	<ul style="list-style-type: none"> • Wear safety glasses to prevent eye injury while removing small pieces of plastic from the print bed • Use a vacuum or blower to remove debris from inside the printer.

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.