

Laser Cutter Checklist

BEFORE YOU START CUTTING:

- Check the water: is the bucket full, and is the water cool (less than 100°F)?
- Turn the water pump on
- Turn the air on
- Check the bed for equipment or other obstructions

WHILE YOU ARE CUTTING:

- Keep vector and raster power below 80% whenever possible
- Run at a slower speed or do multiple passes rather than use a higher power
- Rest the laser after every 30 minutes of operation (more often if operating above 75% power)
- ***Stop the laser immediately and lower power setting if ammeter reads above 25 mA at any point***
- Monitor water temperature periodically, and ***DO NOT allow water temperature to exceed 100 degrees Fahrenheit*** at any time

You MUST be in the Makerspace while the laser is cutting -- no “remote monitoring” or “checking back” for long-running jobs!

If you have any questions, please message the Facebook group or contact Diamond (306-6865), Jessica (312-6438), or Andreas (301-2160).