

Laser Lens and Mirror Cleaning Certification

Student:

Trainer:

Date:

Version: 1.0.0 - 2022-10-28

Prerequisite Certifications: [Laser Cutter Certification](#) [/wiki/Laser_Cutter_Certification]

Certification optional for: Laser Cutter (Digital Fab. and Electronics Lab)

Training Check-Off List:

Please note that the person to-be-certified needs have a completed [Laser Cutter Certification](#) [/wiki/Laser_Cutter_Certification] on file and is not allowed to have this list during certification. After successfully demonstrating knowledge in these areas, a member will be certified and can clean the laser cutter optics.

When to Clean

- Before cutting
- After cutting (if high usage / dirty materials cut)
- During cutting (if high usage / noticeable decrease in power)
- Location of supplies

Equipment

- Location of locker key
- Location of supplies
- Care of supplies
 - Not contaminating wipes and swabs
 - Proper disposal
- Part identification
 - Mirror (2x)
 - Lens
 - Nozzle

Proper Part Disassembly / Reassembly

- Mirrors (2x)
- Lens
- Lens cover / knobs
- Nozzle

Cleaning Process

- Mirror - only lens paper / lens cleaner
- Lens - swab and/or lens paper / lens cleaner

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- Nozzle - paper towel / Simple Green
- Housing - paper towel / Simple Green

Troubleshooting

- Who to contact (/cdn-cgi/l/email-protection#543138313720263b3a3d3727143738352631393b3a2039353f312627243537317a3b2633)
- Tag out process
- Missing / low supplies
- Damage discovery

Pass/Fail:

Comments:

Student Signature: **Date**

Certifier Signature: **Date**



Certifier: Please scan this QR Code to email info@claremontmakerspace.org, and include a list of students who have passed this test. Then, return this form to the front desk (even if the student failed!).