



SAFE OPERATING PROCEDURE



Laser Cutter

PLACE A
PICTURE OF
YOUR MACHINE
or TOOL HERE

DO NOT use this machine unless you have had training in its safe use and operation.

Supervisor permission **MUST** be given to operate this machine.

IDENTIFIED RISKS AND HAZARDS

Hazards that may arise when operating the Laser Cutter include:

- exposure to the laser beam
- inhalation of fumes and smoke
- electrocution from incorrect use
- burns from hot materials

PRE-OPERATIONAL SAFETY

- Before using the Laser Cutter, examine the power cord, plug, socket and power outlet for damage.
- Check all settings carefully before commencing any cutting operation.
- Load and position the material on the table.
- Ensure the access door is closed before starting the laser cutter.

OPERATING SAFETY PRECAUTIONS

- Do not place any reflective metals into the laser cabinet as the beam may be reflected out of the machine and cause injury.
- Never operate the laser system without constant supervision of the cutting and etching process. A fire extinguisher should be kept on hand at all times.
- Fumes and smoke from the etching process must be extracted from the laser system and filtered through an Integrated Exhaust Filtration Module.
- Some materials may produce toxic fumes. Check the Safety Data Sheet.
- Position the power cord with care to avoid creating a trip hazard.
- The warning labels are placed on the laser system for your safety. **DO NOT** remove them for any reason.
- The intense light that appears during the etching or cutting process is the product of material combustion or vaporization. **DO NOT STARE AT THIS LIGHT FOR EXTENDED PERIODS OR ATTEMPT TO VIEW IT WITH OPTICAL INSTRUMENTS.**
- **DO NOT OPERATE THE LASER SYSTEM IF ITS SAFETY FEATURES HAVE BEEN MODIFIED, DISABLED OR REMOVED.**

