



THE UNIVERSITY OF BRITISH COLUMBIA
School of Biomedical Engineering
Faculties of Applied Science and Medicine



Safe Operating Procedures

Epilog Laser

DO NOT use this machine unless you have been fully trained on its safe use and operation.



Ensure ventilation and compressor is turned on prior to use.

Compatible Materials: Wood, Plastics, Leather, Aluminum (Engraving)... See full list

PRE-OPERATIONAL SAFETY CHECKS

1. Ensure all cables, guards, and the top cover are in good working order.
2. Ensure the laser cutting bed is free of debris and the laser head can move freely through the full range of motion.
3. If excess debris is located beneath the cutting bed, clean it prior to operation.

OPERATIONAL SAFETY CHECKS

1. Keep door closed at all time when not adding or removing stock material.
2. Do not look directly at laser for extended periods of time.
3. Only use compatible materials and properly set materials prior to operation.
4. Supervise operation to watch for fire hazards or melting material.
5. Ensure ventilation system stays on during entirety of operation.

HOUSEKEEPING

1. Remove all debris from the bed after operation.
2. Once cool, properly store any remaining stock material.
3. Turn off ventilation system, compressor, and laser cutter once complete.
4. Ensure door is left closed.

POTENTIAL HAZARDS

- Laser ■ Fire ■ Fumes and Gasses