

Laser Cutter Training Exit Exam – 3rd Session

Approval Document

Trainee must bring the Laser Cutter check list for signature and final approval.

Practical Evaluation

To be a certified Laser Cutter User, you will need to produce the *I LASER CUTTER CERTIFIED* plaque. Below are the instructions/requirements:

File Location for Idaho Seal (jpg), U cutout (DXF), I cutout (DXF), and I outline (DXF) can be found in:
<\\files.uidaho.edu\shared\Engineering\SeniorDesign\Laser Training>

1. The I outline
 - a. Scaled 100% from its original imported size
 - b. Needs to be **cut** out

2. Seal
 - a. Dimensions: 1.75” x 1.75”
 - b. Centered about the X axis in the I outline
 - c. Needs to be .125” clearance from the top edge of I outline

3. Words ‘LASER CUTTER CERTIFIED’
 - a. Font must be easily readable and upper case lettering
 - b. **Vector etch**
 - c. Centered about the X and Y axis of the I outline

4. The date
 - a. Font must be easily readable and in upper case lettering
 - b. YYYY MM DD format
 - c. **Raster etch**
 - d. Centered about the X axis of I outline
 - e. Base of the text must be aligned with bottom of I ‘web’ outline

5. Your FIRST and LAST name
 - a. Font must be easily readable and in upper case lettering
 - b. **Raster** with **vector** outline
 - c. Centered about X axis of I outline
 - d. Centered about the Y on the inside of the lower I ‘flange’ outline

6. U cutout
 - a. Scaled 50% from its original imported size
 - b. Center needs to be .25” from top and left edge of lower I ‘flange’

7. I cutout
 - a. Scaled 50% from its original imported size
 - b. Center needs to be .25” from bottom and right edge of lower I ‘flange’

After successfully cutting out the *I LASER CUTTER CERTIFIED* plaque, Trainer must initial and date the back of the plaque.