**Laser Beam Specifications & Laser Safety Eyewear**

**Permit Holder**: **Permit#**:

**Building**: **Room #**:

1. **Type of Laser**: **Class**:

2. **Make**: **Model**: **Serial #**

3. **Wavelength(s) (nm)**:

4. **Mode**: Continues Wave (CW) Single Pulse or Multiple Pulse

A. **Continues Wave (CW)**

Power (Watts):

Exposure Time (Seconds) (Time Factor in Table 2 of ANSI Z126.1 – 2007 will be used)

B. **Single Pulse**

Pulse Energy (Joules): Pulse Length (Seconds):

C. **Multiple Pulse**

Pulse Energy (Joules): OR Average Power (Watts)

Pulse Length (Seconds):

Pulse Rate (Hertz): OR Pulse Count:

Pulse Time Envelope (Seconds) (Time Factor in Table 4a of Z126.1 – 2000 will be used)

6. **Gaussian Criteria** (check one): e-1 (ANSI Z136.1) or e-2 (Manufacturers)

7. **Beam Shape**: Circular Square Elliptical or Rectangular

A. Circular or Square - Major Axis Beam Dimension (Beam Size at Aperture Measured on the “Longest” Dimension) (millimeters):

Major Axis Beam Divergence (Beam Divergence Measured on the “Longest” Dimension) (milliradians):

B. Elliptical or Rectangular

Major Axis Beam Dimension (Beam Size at Aperture Measured on the “Longest” Dimension) (millimeters):

Major Axis Beam Divergence (Beam Divergence Measured on the “Longest” Dimension) (milliradians):

Minor Axis Beam Dimension (Beam Size at Aperture Measured on the “Shortest” Dimension) (millimeters):

Minor Axis Beam Divergence (Beam Divergence Measured on the “Shortest” Dimension) (milliradians):

8. List of Optical Density (OD) @ Wavelength on the Laser Safety Eyewear used for this Laser

Remarks