

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: Continuous Wave (CW) Single Pulse or Multiple Pulse

A. Continuous 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