



Laser Registration Form

Instructions

- All lasers of Class IIIB and Class IV must be registered with the Laser Safety Officer by completing this form and emailing it to labsafety@uno.edu
- Please fill out a separate form for each laser.

Registration Information

Principal Investigator:	
Office Phone #:	Email Address:
Laser Operator(s):	
Laser Manufacturer:	
Model #:	Serial #:
Type of Laser Equipment:	

Laser Location

Department:	Building/Room #:		
Laser Classification (Check One):	<input type="checkbox"/> Class IIIB	<input type="checkbox"/> Class IV	
Active Medium (Ex. Argon, Ruby, Nd: YAG, Dye)			
Tunable Laser (Check One):	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Wavelength(s) (nanometers):			
Beam Divergence (millirads):			
Beam Diameter (millimeters):			
Purpose and Frequency of Use:			
Beam Type:	<input type="checkbox"/> Continuous Wave	Average Power:	
	<input type="checkbox"/> Pulsed	Joules Per Pulse:	Pulse Repetition Frequency (Hz):
	<input type="checkbox"/> Q-Switched	Pulse Width:	Joules per Pulse:
	<input type="checkbox"/> Other		

Comments:

PI Signature: _____

Date: _____

Note: By signing this form, I acknowledge that all statements are true and accurate.

Criteria for Class IIIB and Class IV Lasers

Criteria for Class IIIB Lasers

1. The device is capable of emitting laser radiation that is accessible for any duration inherent in its design.
2. For operation in the ultraviolet (180nm – 400nm) and the infrared (1400nm – 1mm) areas of the electromagnetic spectrum:
 - a. The device cannot produce accessible laser radiation exceeding an average radiant power of 0.5 W (500 milliwatts) for ≥ 0.25 seconds (normal aversion response).
 - b. The device cannot produce accessible laser radiation exceeding a radiant energy of 0.125 J within an exposure time of < 0.25 seconds.
3. For operation in the visible (400nm – 700nm) or near-infrared (700nm – 1400nm) areas of the electromagnetic spectrum:
 - a. The device cannot produce accessible laser radiation exceeding an average radiant power of 0.5 W (500 milliwatts) for ≥ 0.25 .
 - b. The device cannot produce accessible laser radiation exceeding an average radiant power of 0.03 J per pulse.

Criteria for Class IV Lasers

1. The device is capable of emitting laser radiation that is accessible for any duration inherent in its design.
2. For operation in all areas of the electromagnetic spectrum, the device produces accessible laser radiation exceeding an average radiant power of 0.5 W (500 milliwatts) for ≥ 0.25 .