

UCR Laser Registration Form

University of California, Riverside

LASER REGISTRATION FORM

EH&S, Radiation Safety

Principal Investigator:

Name: _____ Title: _____

Department: _____ Building _____ Room _____ Phone/Ext: --- _____

Description of Laser(s):

Laser #	Type ¹	Laser Output ²	Wavelength ³	Class ⁴	UCR Inventory #
1					
2					
3					
4					
5					
6					

- 1 Laser Type: Dye, Argon, HeNe, etc.
- 2 Energy and pulse duration or CW power.
- 3 Specify wavelengths or wavelength ranges.
- 4 ANSI hazard class. See label on laser or UCR Laser Safety Manual for guidance.

Individuals Participating in This Project:

#	Name	Function ¹
1		
2		
3		
4		
5		
6		
7		
8		

Special Hazards Found:

#	Description of Hazard
1	
2	
3	
4	
5	
6	
7	
8	

Examples include: Principal Investigator, student, SRA.

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Laser Uses: Give a general description of the use of each laser.

General Description of Use

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

Draft layout for Open Beam Systems with Classes 3b and/or 4 Lasers. Please show the lab floor plan and arrangement of lasers and beams within the lab. Use additional paper as needed. Write a detailed SOP for each registered laser and submit with form.

By: _____ **Date** / /

SEND COMPLETED APPLICATION TO EH&S RADIATION SAFETY

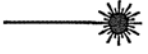
CLASS 3b AND CLASS 4 LASER REGISTRATION FORM

Principal Investigator:

Department:

Date:

Page:

	<i>SPECIFIC LASER INFORMATION</i>					
	Laser 1	Laser 2	Laser 3	Laser 4	Laser 5	Laser 6
SYSTEM I.D.						
<u>Location of laser</u> Building						
Room						
Type of Laser (e.g., Nd:YAG, Argon)						
Laser Class (3b or 4):						
Manufacturer						
LASER SPECIFICATIONS						
Operation Mode* (CW, SP, RP, QS, ML)						
Maximum Power (mW or W) or Pulse Energy (mJ or J)						
<i>For RP laser only:</i> Pulse Repetition Frequency (Hz)						
<i>For pulsed laser only:</i> Pulse Duration						
Wavelength(s) Produced (nm)						
Optical Density Required (EH&S to determine)						

* CW = continuous wave; SP = single pulsed; RP = repetitively pulsed; QS = Q-switched;
ML = mode locked {Note: More than one category might apply such as RP, QS.}