

TITLE:

SECTION I. Research Description/Summary

Outline the application of the laser use in your research.

SECTION II. Hazards

Class 3B

Class 4

Check and describe the types of hazards associated with the laser system(s) (check all that apply):

Beam Hazards

Eye and skin hazard from direct beam

Eye and skin hazard from reflected or scattered beam

High-Power

UV/Blue Light Exposure

Invisible Beam

Visible Beam

Non-beam Hazards

High Voltage/Capacitors

Electrical Hazard

Hazardous Materials/Waste

Compressed Gasses

Fire

Cryogenics

Flammable Materials

Chemical Agents

Other (specify):

SECTION III. Personal Protection Equipment (PPE)

Laser eyewear should always be worn during experiment. The section below is for additional PPE required for unusual material involved. (Check all that apply).

Laser Eyewear (List all the types of eyewear available)

For this laser...

...wear this laser eyewear.

Make	Model	Wavelength	OD	VLT	Quantity

Faceshield

Protective clothing

Gloves

PI Name:
Laser Registration Number:

Radiation Protection Program
PART C: Laser Safety Procedure

TITLE:

SECTION IV. Engineering & Administrative Controls

Check the method of hazard controls for your laser system in the laboratory (check all that apply):

- | | |
|--|---|
| <input type="checkbox"/> Controlled area (curtain, barrier, enclosure, etc.) | <input type="checkbox"/> Illuminated warning sign |
| <input type="checkbox"/> Entry control (keycard, key, etc.) | <input type="checkbox"/> Temporary posting sign |
| <input type="checkbox"/> Regular safety check | <input type="checkbox"/> Alignment procedures |
| <input type="checkbox"/> Visitor/ Observers (specify control measure): | |
| <input type="checkbox"/> Other (specify): | |

SECTION V. Procedures

Enumerate the steps to be followed in operating the laser systems safely.

a. Standard setup procedures for laser operation:

b. Startup, shutdown procedures:

PI Name:
Laser Registration Number:

Radiation Protection Program
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SECTION V. Procedures

c. Beam alignment, maintenance, safety test procedures:

d. Emergency procedure:

SECTION VI. Emergency Contacts

Responsible Person/Supervisor:	Phone:
Laser Safety Officer:	Phone: 617-452-3477
Laser Vendor/Maintenance:	Phone:
Emergency:	x 100 from campus phone or 617-253-1212 from Cell Phone
MIT Medical	Phone: 617-253-4481