

## Laser Classification Chart

Class	Definition
1	Low power lasers that are safe under all conditions of normal use.
1M	No known hazards to skin or eyes unless collection optics are employed.
2	Visible lasers with no known hazards for exposures of up to 0.25 seconds.
2M	Same as class two only may be dangerous if collection optics are used.
3R	Visible or invisible lasers with a maximum power of less than 5 mW.
3B	Visible or invisible lasers that may be hazardous under normal conditions, and with a maximum power output of between 5 mW and 0.5 W. Usually not a skin hazard.
4	High powered visible and invisible lasers that are an acute eye and skin hazard. The maximum power output is above 0.5 W.

All class 3B and 4 lasers must be registered with the Office of Research Safety using the Laser Registration Form located at the following link:

[https://research.uga.edu/safety/laser/Laser Registration Form v1 fillable template.pdf](https://research.uga.edu/safety/laser/Laser%20Registration%20Form%20v1%20fillable%20template.pdf)

Commercially available systems that contain completely embedded lasers are considered to be operating under class 1 conditions (flow cytometers etc.). Class 3B and 4 lasers that are operating under class 1 conditions do not need to be registered.

All individuals who intent to work with either class 3B or 4 lasers that require registration must first take on line training available at:

<https://research.uga.edu/docs/units/safety/courses/laser-safety/story.html>