

**Snapshot!**



## **Laser Safety Program**

<http://ehs.psu.edu/laser-safety/overview>

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### **Who does this program apply to?**

- University employees, students, and visitors who use Class 3b lasers, Class 4 lasers, and Class 1 laser systems with embedded Class 3b or Class 4 lasers.
  - Laser class labels are used to identify lasers in this program. If a laser is embedded, there will be an additional label.
  - Laboratory researchers and those who work with them are most likely to be in the program.

### **What are the key requirements of this program?**

- Supervisors of a laser system(s) must:
  - Provide for the safe operation and maintenance of the lasers under their control.
  - Immediately inform EHS of the acquisition, modification, transfer, or disposal of systems.
  - Develop written operating procedures for each laser system.
  - Identify individuals that require training and provide training on written operating procedures.
  - Provide and ensure that all appropriate laser safety equipment (e.g., access controls, signs, etc.) is used.
  - Follow-up on reports of unsafe conditions, ensuring work with the laser is suspended until the unsafe conditions are rectified.
- Employees, students, and visitors who use lasers at Penn State must:
  - Follow written operating procedures.
  - Perform all work in a safe manner.
  - Report unsafe conditions to his/her supervisor.
  - Use approved personal protective equipment (e.g., laser protective eyewear).
  - Training Requirements:
    - EHS Laser Fundamentals and Safety Training.
    - Specific hands on training by senior laboratory personnel or the authorized supervisor prior to using the laser.
- Self-Inspection Requirements:
  - Inspect laser annually.
- Recordkeeping Requirements:
  - Maintain current annual laser safety self-inspection.

### **For additional information:**

- Penn State Laser Policy SY17  
<http://guru.psu.edu/policies/SY17.html>