

**LASER SAFETY CHECKLIST**

# **pOSTING AND SECURITY**

|  |
| --- |
|[ ]  Door to lab locked during laser operation |
|[ ]  Laser warning signs posted |
|[ ]  Contact information current |

# **laser safety controls**

|  |
| --- |
|[ ]  Laser classification labels present on lasers |
|[ ]  Protective housing in place |
|[ ]  Interlocks functional |

# **Engineering controls**

|  |
| --- |
|[ ]  Lasers and optics tightly secured to optical table |
|[ ]  Beam not at eye level (standing or seated) |
|[ ]  Beam not directed upwardly or crossing walkways or toward windows/doors |
|[ ]  Unneeded reflective items removed from table and hands |
|[ ]  Indirect beam viewing equipment available as needed (beam cards, viewer scope, etc.) |
|[ ]  Other areas of the lab isolated from laser use area by beam barriers, laser safety curtains, etc. |
|[ ]  Beam enclosed to extent possible |
|[ ]  Beam stops used to back up optics |
|[ ]  Beam power reduced as much as possible |

# **Administrative controls**

|  |
| --- |
|[ ]  Laser operator has received EH&S laser safety training and adequate on-the-job specific training conducted by PI |
|[ ]  Standard Operating Procedures (SOP) available (class 3b and 4) |
|[ ]  Alignment procedures available (class 3b and 4) |
|[ ]  Supervisor approved procedure to be performed |

# **personal protective equipment (PPE)**

|  |
| --- |
|[ ]  Proper eye wear available and stored properly |
|[ ]  Proper skin protection for UV lasers |