

**LASER SAFETY CHECKLIST**

# **pOSTING AND SECURITY**

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| --- | --- |
|  | 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 |