



External Contractors

When an external contractor is involved in the repair/maintenance/alignment of a laser system in a U of T laboratory, the following form must be completed and send to the office of Environmental Health and Safety (attention LSO). The work can start only after the LSO approval is obtained.

U of T Laboratory Information

Building/department: _____ Lab/room number: _____

PH: _____ E-mail: _____

Lab's contact person: _____ E-mail: _____

Laser Equipment

Manufacturer: _____ Model: _____

Serial Number: _____ Medium type: _____

Wavelength: _____ Maximum power/energy: _____

Laser class: _____ Type of work: _____

Contractor's information

Contractor's name: _____ Company's name: _____

Email: _____ Phone number: _____

Years of experience. In the field: _____ With this type of laser: _____

Additional information about the work to be performed

Will the work require the opening of the housing/enclosure of the laser system?: Yes No

Will the work require disabling the interlocks of the laser system?: Yes No

Will the work require working with an energized open beam?: Yes No

Additional Permit Holder conditions

1. The Permit Holder will ensure appropriate laser warning signs and/or warning devices are posted/installed as required to identify the NHZ
2. All persons present in the NHS must have the Permit Holder's approval
3. All persons must have proper laser safety training and must wear appropriate laser safety goggles.

Permit Holder: _____

Date: _____

Signature: _____



Laser Safety Conditions:

The contractor(s) will abide by the rules outlined below which are following the U of T Laser Safety Program and the American National Standard for Safe Use of Lasers - ANSI Z 136.1 (2014)

1. The Contractor(s) must have the safety training and education commensurate with the class of the laser/laser equipment contained inside the housing.
2. The Contractor(s) must be qualified to operate and work in the proximity of the laser identified above.
3. The Contractor(s) will ensure the lasers listed above are operated only in spaces listed above (and within the nominal hazard zone-NHZ)
4. The Contractor(s) must use appropriate personal protective equipment (PPE), including laser safety eyewear, when the risk of exposure above the MPE is present.
5. The Contractor(s) will ensure that, while the lasers are being serviced or repaired, if she/he needs to leave the NHZ for any time, the beam is terminated, so there is no risk of exposure above the MPE.
6. The Contractor(s) will have the necessary procedures to align, operate, service and maintain for the lasers being serviced.
7. The Contractor(s) will ensure that appropriate engineering, administrative and procedural controls are implemented and followed for the laser being serviced.
8. The Contractor(s) will ensure all unsafe conditions are corrected promptly.
9. The Contractor(s) will report all accidents/incidents to the U of T LSO without any delays.
10. Decommissioning (where applicable) of Class 3B and Class 4 lasers must be completed as outlined in the U of T Laser Safety Manual, following U of T LSO approval.
11. At the end of the work, all safety enclosures and interlocks will be restored to their original state.

Name: _____

Date: _____

Signature: _____

Approved by:

U of T LSO: _____

Date: _____

Signature: _____