

Class 3B/4 Laser Use on UNLV Campuses

Applicability: Any person, company or entity (Person) operating, or intending to operate a non-University of Nevada, Las Vegas (UNLV) owned Class 3B or Class 4 laser on any UNLV property. Such person(s) must have a credentialed Laser Safety Officer (LSO) available, and a written laser safety program present and available at all times during laser operation at UNLV.

LSO Credentials: Must have, at a minimum, either:

1. Successfully completed Laser Safety Officer (LSO) training in an industry-recognized course which has specifically reviewed and approved by the American National Standards Institute (ANSI) Z136.1, "American National Standard for Safe Use of Lasers"; or ANSI Z136.3, "Safe Use of Lasers in Health Care Facilities"; or, ANSI Z136.8, "American National Standard for Safe Use of Lasers in Research, Development or Testing "LSO duties, methods, and evaluations. An example of an industry-recognized course is "Laser Safety Officer training" by the *Laser Institute of America*, or "Certification for Medical Laser Safety Officers" by the Board of Laser Safety (for Healthcare laser applications, LSO credentials must specifically have reviewed health applications).

-OR-

2. Been recognized in writing as a UNLV LSO, or Deputy LSO, by the UNLV Office of Risk Management and Safety, Radiation Safety Office, and approved through the UNLV Laser Safety Advisory Committee (LSAC).

When a Class 3B/4 laser is used

- The visiting LSO or Deputy LSO must be at the use site 100% of time
- Each laser's Nominal Ocular Hazard Distance (NOHD) must be enclosed in a Nominal Hazard Zone (NHZ.), and the NHZ visibly identified with colored adhesive floor tape, or approved laser-safe barriers or beam blocks
- The visiting LSO or Deputy LSO must supervise the assembly/set-up, as well as disassembly, of all Class 3B/4 laser devices
- The visiting LSO or Deputy LSO must make sure the appropriate ANSI sign(s) is/are posted outside each NHZ
- The visiting LSO or Deputy LSO must make sure correct protective eyewear is positioned outside each NHZ
- Each laser user must have been previously taught regarding ANSI laser safety protocols
- The visiting LSO or Deputy LSO must either directly oversee ingress/egress of persons to/from the NHZ(s) or assign another competent person; this includes barring movement of all persons in or near any NHZ
- Any person involved in laser instruction/training (i.e. demonstrations) may not oversee/regulate the ingress/egress of scheduled participants

- The visiting LSO or Deputy LSO is responsible for identifying and reporting any ANSI and/or Occupational Safety and Health Administration (OSHA) infraction (e.g. use of compressed tanks, etc.)
- Every instructor/teacher must be certified competent by the UNLV LSO or Deputy LSO.
- Any vendor contractor or guest (non-volunteer) who operates a laser on campus for demonstration purposes or other uses will have general liability insurance due to the possible risk. Standard insurance industry limits requirements are \$1,000,000 per occurrence / \$2,000,000 aggregate.
- Vendor contractor or guest (non-volunteer) agrees to abide by all federal and state laws, regulations, University policies and/or procedures, as may be amended from time to time.

Any company/vendor/distributor/representative (vendor) providing Class 3B/4 laser instruction on any UNLV properties, must comply with any UNLV LSO or Deputy LSO impromptu inspection. If such visit results in a safety violation, that vendor **may be barred from future laser events at UNLV.**

As an authorized representative of _____, I represent all the above requirements have and are met.

Print Name

Signature

Date

Witness Print Name

Witness Signature

Date