

Rockwell Laser Industries, Inc.



**Laser Safety Consulting,
Training and Products**

(800) 94-LASER
www.rli.com



Laser Safety Solutions for 40 Years

Laser Safety Training

For 40 years, Rockwell Laser Industries has presented laser safety courses conducted by the leading experts in the area of non-ionizing laser radiation safety. Our instructors are experts in their various fields and actively participate on the ANSI Z136 and IEC TC 76 committees. The individual experiences of our team of experts adds to the practical nature of RLI's courses.

Laser Safety Officer (L-222)

This four-day intermediate level course provides an in-depth, analytical review of the LSO duties and requirements of ANSI Z136.1, OSHA, FDA-CDRH and state laser standards. After a review of the biological basis, the student will complete an in-depth computation workshop that covers MPE, AEL, NHZ and OD factors. *Note: Course runs Tuesday through Friday*



Principles of Lasers (L-113)

This one-day introductory course, which precedes the LSO, is designed for those responsible for operating and maintaining laser systems, providing a solid introduction to lasers. It also provides a knowledge base for those who plan to continue their professional development and will be attending the Laser Safety Officer (LSO) course. *Note: Add this course to the LSO course for an additional \$99*

Principles of Lasers & Laser Safety Officer Course (L-250)

This five-day course, a combination of the two courses listed above, is designed for those persons designated as the Laser Safety Officer (LSO) for their facility who also need a solid introduction to lasers.

Measurements for Laser Safety (L-240)

This two-and-one-half-day intermediate level intensive hands-on course in laser output measurements is tailored to meet the specific needs of laser safety. Classification concepts in the ANSI Z136.1 Standard For the Safe Use of Lasers, FDA/CDRH Laser Product Performance Standard and IEC 60825-1 will be reviewed in the course.

Also Available - Online Laser Safety Training Courses

RLI offer a series of online laser safety courses to take on demand. They are a great way to learn basic concepts of laser safety.

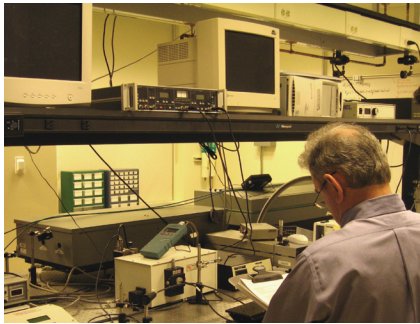
- Developed by leading experts in laser safety
- SCORM compliant
- Corporate site licenses, customization, and hosted LMS are available



Laser Safety Solutions for 40 Years

Laser Safety Consulting Services

Rockwell Laser Industries offers a comprehensive array of laser safety consulting services from the top experts in the industry. With our exceptional, practical knowledge and experience, RLI can help you develop successful laser safety strategies, programs and products for both the domestic and global marketplace.



Consulting Services include:

- FDA / CDRH Product Reports (21 CFR Parts 1040.10 & 1040.11)
- IEC / International Consulting Services
- ISO 17025 Testing Laboratory
- Laser Safety Audits (Program, Facility & Equipment)
- Laser Hazard Calculations

RLI has extensive experience and capabilities in the auditing of facilities for compliance with applicable laser safety standards, as well as equipment for laser product compliance. RLI routinely audits laser facilities for compliance with the requirements of the *American National Standard for Safe Use of Lasers*, ANSI Z136.1.

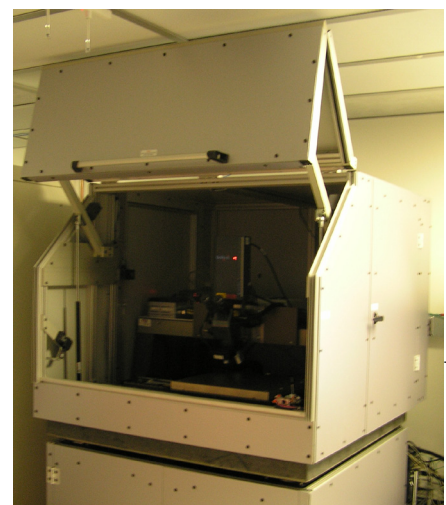
RLI also provides compliance guidance for laser equipment introduced into commerce, or for inter-company use, as mandated by the Federal Laser Product Performance Standard (21 CFR Parts 1040.10 and 1040.11) . RLI will educate the client on all aspects required for classification and certification relative to the FDA / CDRH requirements and/or IEC International Standards (60825, 62471, 60601 and ISO 11553).

Laser Enclosure Design and Manufacturing

Rockwell Laser Industries offers custom design and manufacturing of laser enclosures for either manually operated or fully automated installations. RLI can also ensure that those producing their own enclosures will meet all domestic and international standards regulations.

Services include:

- Complete Design Engineering utilizing 3D modeling, Manufacturing and/or Installation
- Review of client's existing design and/or installation for compliance
- Certification, as appropriate, to 21 CFR / ANSI Z-136
- Design criteria includes conformity with ANSI B11.21 Safety Requirements For Machine Tools Using A Laser For Processing Materials and IEC / ISO 11553 Safety of Machinery Laser Processing Machines
- Industrial capabilities include mechanical & electronic interface for interlocks and other safety features & controls



Laser Safety Products

Laser Protective Eyewear

- Spectacles, Over-the-Glass and Goggles
- Glass or Polymer
- ANSI/CE compliant
- Wide variety of frame styles
- Prescription inserts available



Laser Windows



Laser Sentry™ Entryway Control System With LED Warning Sign

- Controls Laser Emission
- Low Voltage and 50,000+ Hour LED Lifetime
- Complies with "Entryway Controls" as specified by ANSI Z136.1-2014, Section 4.4.2.10.3



Laser Curtains

LAZ-R-SHROUD™ is a laser barrier system that provides protection against beams emitted and scattered from various laser sources.

- ANSI and IEC Standards compliant for exposures up to 300 W/cm²
- An interlock system is available for added safety
- Suspended from a track or portable frame options
- Call for free barrier hazard analysis

An assortment of specialty fabrics designed to provide protection from reflected laser beams can be fabricated into most curtain sizes and design shapes.

Total enclosures, including roof, are available.

