

Laser Safety Information for Hospitals

This document is intended to serve as a resource for hospital directors and administrators to provide an outline of compliance requirements and training resources for Healthcare laser Safety in Hospital Environments.

Laser Safety Officer (LSO) Responsibilities¹

- The LSO must administer an in-house Laser Safety Program, including:
 - Overseeing training and certification
 - Documenting accidents and incidents
 - Maintaining Laser Personal Protective Equipment (PPE)
 - Monitoring Medical Laser Device function and maintenance
- The LSO should appoint a Deputy LSO in the case of hospitals that run 24/7
- The LSO must perform a hazard evaluation of the Laser Treatment Control Area (LTCA).
- The LSO must implement the following control measures:
 - Administrative Control Measures
 - Engineering Control Measures
 - Environmental Control Measures
- The LSO must ensure laser safety awareness for all personnel (staff and patients) that come into contact with a medical device or its emission hazards.
- The LSO must supervise operation of any laser device with a Hazard Classification of 3 or higher (including Class 3R, Class 3B, or Class 4²).

Note from LSC: We recommend that each hospital has at least one LSO on staff, and a second backup deputy LSO is best practice according to ANSI Z136.3. We also recommend Laser Technician Certification for all nurses and staff that work around the laser device while it is powered on.

¹ This is a very basic outline of the LSO responsibilities. The complete set of OSHA and ANSI requirements can be found in the Healthcare LSO Certification course found at LaserSafetyCertification.com

² Refer to the laser hazard warning label on your medical device for hazard classification rating.

Training Resources

You can find information about our online Laser Safety Certification courses (including regulatory compliance and pricing) for Healthcare Environments here:

- <https://www.lasersafetycertification.com/healthcare/>

We offer the following Laser Safety Certification courses:

- Healthcare LSO Certification (online written course)
- Healthcare LSO Certification (online video course)
- Healthcare Technician Certification (online written course)
- Healthcare Technician Certification (online video course)

How to order certifications for your Hospital

If you have the ability to make an online purchase with a credit card, you can follow our normal checkout process. This is the most time efficient. However, many hospitals do not have a company credit card that administrators have access to. If that is the case, please follow this process:

1. Contact nate@lasersafetycertification.com (602-571-2599) for a quote for the training you need
2. Contact your purchasing department to get approval for a purchase request
3. Submit a PO with a list of names and email addresses for the people who need training
4. We will set you up in our employer portal and will sign your staff up for the courses, including a notification email containing their login information and a course access link.

Laser Cart

Here are some resources for the best mobile laser carts for hospital environments:

- <https://www.aspenlaser.com/laser-accessories/laser-mobile-carts>
- There are no specific OSHA or ANSI requirements that document the use of laser carts, but one best practice is to be cautious/careful with fiber lasers during transport and storage.³

³ For more information about OSHA and ANSI requirements, please reach out to nate@lasersafetycertification.com (602-571-2599)