40 years of expertise in laser safety and laser technologies, serving your most critical challenges.

Person Exposed to Laser Risks – Specific Session for ERP (public venues)

Level 2 / Ref: SE.2 ERP

Since the 1980s, lasers have been widely used for shows and concerts, both indoors and outdoors. However, regulations set limits on the use and operation of this equipment. In particular, staff are required to be trained in laser safety. This module fully meets the regulations and has been designed for public venues (ERP) that use laser systems.

Maintenance and alignment are the leading causes of accidents on industrial laser systems. More than anyone else, technicians are exposed and therefore directly concerned by the rules set out in the standards in force.

Practical information

DATES (REMOTE)
On request

ORGANISATION
/

DURATION
1.5 days

PRICES
€812 excl. VAT
including €12 CoNSOL fees

TECHNICAL/TEACHING LEAD:
Franck RIGOLET

DO YOU HAVE A DISABILITY?
Contact our disability officer at referent.handicap@irepa-laser.com

Key information

PREREQUISITES
/

ACCESSIBLE LASER CLASSES
All classes

CERTIFICATION
• Registration in the CoNSOL register of laser authorisations.
• Validation of the competence level attained (Level 2) by a written questionnaire.
• Issue of a PERL-level certificate of completion.

TECHNICAL/TEACHING LEAD:
Franck RIGOLET

Training objectives

- Identify the general risks inherent in the use of lasers.
- Comply with and analyse the safety instructions specific to ERP.
- Adapt protection and prevention measures.
- Implement the protective measures required in an ERP.
- Know and apply the regulations.
- Ensure your own safety and that of those around you.

Target audience

- Person working near laser equipment with access to radiation levels above the Maximum Permissible Exposure (MPE).
- Authorised classes: All classes.
- This person is responsible for their own safety.
- Maintenance technicians, laser system setters, people likely to be exposed to a laser beam.

Programme

over 1.5 days

- Principles and properties of laser emission
- Common laser applications
- Optical risk: biological effects
- Risks associated with the use of a laser in an ERP
- Regulations and standards for ERP
- Exposure limits
- Prevention and protection measures
  - general principles of protection
  - radiation protection devices
  - maintenance: an aggravating factor
- Risk analyses
- Knowledge assessment

References

- Decree 2010-750 of 2 July 2010
- Articles R.4452-1 to 4452-31 of the French Labour Code (Code du Travail)
- Order of 11 December 2009
- Standards NF EN 60825-1
- Standards NF EN 60825-3