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

Competent Person in Laser Safety

Level 3+ / Ref: SE.3+ (CoNSOL-accredited training course)

Training course leading to the Competent Person in Laser Safety level according to the CoNSOL framework (Photonics France). The competent person in laser safety is able to carry out an in-depth risk analysis by examining employee exposure. They define the MPE/VLE, the classification of lasers and the choice of eye protection in accordance with standards EN207, EN208 and EN12254. This training course prepares participants to carry out a quantified risk analysis in compliance with standard EN60825-1 and the Labour Code.

Official PCSL training – holders are entered in the national PCSL register managed by the Commission Nationale de Sécurité Optique et Laser (CoNSOL of the Photonics France federation).

Practical information

DATES (REMOTE / INTER-COMPANY / IN-HOUSE)
- 24–28 August 2026
- 14–18 September 2026
- 13–16 October 2026
- 2–6 November 2026
- 1–4 December 2026

ORGANISATION
1) Online
- From 24/08/2026 at 1.30 pm to 28/08/ at 12.30 pm
- From 14/09/2026 at 1.30 pm to 18/09/2026 at 12.30 pm
- From 02/11/2026 at 1.30 pm to 06/11/2026 at 12.30 pm

2) In Lyon
- From 13/10/2026 at 1.30 pm to 16/10/2026 at 12.30 pm

3) In Strasbourg
- From 01/12/2026 at 1.30 pm to 04/12/2026 at 12.30 pm

DURATION
3 days (21 hours)

PRICES
€1,590 excl. VAT / person
Including €50 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
SE.3 training course + mathematics at post-secondary level

ACCESSIBLE LASER CLASSES
1 · 1C · 1M · 2 · 2M · 3R · 3B · 4

CERTIFICATION
• Issue of a certificate of completion
• Issue of a CoNSOL-certified PCSL certificate
• Listing in the national PCSL register
Certification recognised by the Commission Nationale Sécurité Optique

TECHNICAL/TEACHING LEAD:
Franck RIGOLET

Training objectives

- Identify the general laser risks inherent in the use of lasers
- Identify the specific risks of each application
- Assess the risks of an installation
- Achieve compliance with occupational regulations
- Define and implement appropriate prevention and protection measures
- Accessible classes: 1 · 1C · 1M · 2 · 2M · 3R · 3B · 4
- Carry out a documented and quantified risk analysis
- Determine the Maximum Permissible Exposures (MPE)
- Classify a laser according to the Accessible Emission Limits (AEL)
- Run a safety awareness session

Target audience

- Safety managers
- Safety engineers
- Installation managers

Programme

Over 3 days

1) Specific features of laser radiation
- Characteristics of laser light
- Operating principle
- Visible, infrared or ultraviolet lasers
- Specific features of continuous-wave and pulsed lasers

2) Risk assessment
- Physiological effects: impact on the eyes and skin
- Analysis of risk situations
- Other risks: electrical, chemical, fire...

3) Regulations
- European Directive 2006/25/EC
- French Labour Code
- NF EN 60825-1 standard

4) Exposure limits (tutorials
- Defining exposure limit values (VLE)
- Nominal ocular hazard distance (DNDO)
- Accessible emission limit (LEA) and classes

5) Prevention measures and means of protection
- Layout of premises (industrial, entertainment (ERP), medical...)
- Management of people flows
- Protection of people: calculating protector scale numbers (collective and personal protective equipment)
- Signage and instructions

6) Risk analysis
- Examples of practical scenarios
- Tutorials

7) Validation of learning
- Test of knowledge and skills acquired