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

Laser Safety for Manual Welding or Cleaning Applications

Level 2 / Ref: SE.2M

This training course aims to establish the facts about the risks, raise welders' awareness and, above all, provide the information needed to implement effective and compliant protective measures.

Practical information

DATES
On request

ORGANISATION
/

/

TECHNICAL/TEACHING LEAD:
Franck RIGOLET
DO YOU HAVE A DISABILITY?
Contact our disability officer at referent.handicap@irepa-laser.com

Key information

PREREQUISITES
None

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 handheld laser devices.
- Adapt protection and prevention measures.
- Implement protective measures.
- Know and apply the regulations.
- Ensure your own safety and that of those around you.

Target audience

This training course aims to establish the facts about the risks, raise welders' awareness and, above all, provide the information needed to implement effective and compliant protective measures.

Programme

Content

• Principles and properties of laser emission
• Lasers in welding and laser cleaning
• Biological effects
• Risks associated with the use of a handheld laser
• Classification
• Regulations
• Prevention measures
• Principles of protection
• Personal and collective protective equipment
• Assessment of learning

References

• Decree 2010-750 of 2 July 2010
• Articles R.4452-1 to 4452-31 of the French Labour Code (Code du Travail)
• Standards EN 60825-1
• Standards EN 60825-4
• Standards ISO EN 11553-2