

Laser Safety Training – Program Level 1

OBJECTIVES

At the end of the training, the trainee will have the ability to:

- Identify the main risks associated with the presence of lasers.
- Understand and follow current safety instructions and procedures.
- Working safely with laser systems.

PUBLIC

Personnel working around laser equipment and not having access to radiation levels above the Exposure Limit Value, i.e. less than or equal to Class 2 lasers.

Example: housekeeping staff, premises maintenance, secretary, automated machine operator...

No prerequisites

RUNTIME

1/2 days of training, i.e. 3.5 hours in total.

PEDAGOGICAL AND TECHNICAL MEANS

The following resources will be mobilized for training:

• Face-to-face training with PowerPoint presentation and interactive online questionnaires

The training will be provided by Mr. Joévan ZIEBEL, laser safety expert trainer graduated as an optical engineer.

MONITORING AND EVALUATION

Mechanism for monitoring the implementation of the evaluation of the results of the training:

- Attendance sheets
- Quizz at the end of the internship
- Training Evaluation Questionnaire.
- Training certificate

Siren: 919784504 | Siret: 91978450400012 | N° of activity: 44670734467



TRAINING CONTENT

Face-to-face | 0h15

• Presentation, round table, and entrance test on Kahoot!

Face-to-face | 0h15

1. Introduction: Risks in our daily lives

Face-to-face | 0h45

2. The characteristics of a laser

Face-to-face | 0h30

3. Laser Classes

Face-to-face | 0h45

4. Biological effects

Face-to-face | 0h45

5. Collective and individual protection

Face-to-face | 0h15

• Roundtable discussion and validation of acquired knowledge on Kahoot!

Email: joevan.ziebel@laser-protect.fr | **Phone**.: +33 (0)7 68 46 69 77 **Training organization**: Laser Protect, 8 rue des Pierres, 67400 Illkirch-Graffenstaden, France

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