

Training Program – Laser Safety

1. Introduction	
0h30	<ul style="list-style-type: none"> ‣ Presentation of the training ‣ Presentation of IREPA LASER ‣ Following a laser safety training : Why ?
2. Initiation to laser	
1h15	<ul style="list-style-type: none"> ‣ Light principles ‣ Laser emission principles ‣ Characteristics of a laser beam ‣ Composition of a laser source ‣ The different technologies
3. Characteristics of the main lasers and applications	
1h15	<ul style="list-style-type: none"> ‣ Presentation of a few lasers ‣ Industrial, medical and other applications
4. Identification of the risks	
1h00	<ul style="list-style-type: none"> ‣ Parts constituting a laser installation ‣ Potential risks during implementation
5. Risks implied by laser radiation	
0h45	<ul style="list-style-type: none"> ‣ Physical parameters linked to laser radiation ‣ Risks for the skin ‣ Risks for the eye
6. Regulations	
0h45	<ul style="list-style-type: none"> ‣ Consequences of the European Directive 2006/25/CE ‣ Regulations in Switzerland
7. Prevention and protection	
1h00	<ul style="list-style-type: none"> ‣ Means of prevention ‣ Personal and collective protection equipments ‣ How to react in case of radiation incident
8. Validation of the skills / Final review	
0h30	<ul style="list-style-type: none"> ‣ Overview of the initial training goals and skills acquired