

Registration of laser equipment



Event: _____ Stand number: _____

You are planning on using laser equipment at your exhibition stand in Frankfurt. Because these types of systems can pose a danger for trade fair visitors, laser equipment is subject to mandatory registration. Please provide us with information regarding your laser equipment in the form below.

Laser equipment may consist of a single laser or one or more lasers in a complex optical, electrical or mechanical system. Laser equipment is often used for instance to demonstrate physical or optical phenomena, to process materials, to read and store data, to transmit and display information, etc. These types of systems are used in industrial and commercial settings, the entertainment sector, research, education, medicine and end-consumer products.

Type of laser equipment at your exhibition stand:

- | | | |
|--|---|--|
| <input type="checkbox"/> Show/stage or display laser | <input type="checkbox"/> Laser measurement system | <input type="checkbox"/> Engraving laser |
| <input type="checkbox"/> Medical laser | <input type="checkbox"/> Processing laser | <input type="checkbox"/> Other laser |

In normal operation, the equipment/system has the following classification according to IEC/EN 60 825:

- | | | | |
|------------------------------------|------------------------------------|----------------------------------|------------------------------------|
| <input type="checkbox"/> Class 1 | <input type="checkbox"/> Class 1 M | <input type="checkbox"/> Class 2 | <input type="checkbox"/> Class 2 M |
| <input type="checkbox"/> Class 3 R | <input type="checkbox"/> Class 3 B | <input type="checkbox"/> Class 4 | |

During set-up/installation, the system/equipment has the following classification according to IEC/EN 60 825:

- | | | | |
|------------------------------------|------------------------------------|----------------------------------|------------------------------------|
| <input type="checkbox"/> Class 1 | <input type="checkbox"/> Class 1 M | <input type="checkbox"/> Class 2 | <input type="checkbox"/> Class 2 M |
| <input type="checkbox"/> Class 3 R | <input type="checkbox"/> Class 3 B | <input type="checkbox"/> Class 4 | |

If your laser equipment is classified during normal operation and/or set-up as Class 3R, 3B or 4, you will be required to have a trained laser safety officer at your stand in accordance with IEC/EN 60 825 and/or BGV-B2 (German regulations). Please attach a copy of the qualification(s) of your laser safety officer to this form.

Name of laser safety officer: _____
Phone / mobile number: _____

The exhibited laser equipment has been certified or classified by an independent testing institute (TÜV, BG-Zert, VDE, BSI, UL, FDA). Please attach a copy of the certification of the laser equipment to this form.

- | | | | |
|------------------------------|----------------------------------|---------------------------------------|------------------------------|
| <input type="checkbox"/> TÜV | <input type="checkbox"/> BG-Zert | <input type="checkbox"/> VDE | <input type="checkbox"/> BSI |
| <input type="checkbox"/> FDA | <input type="checkbox"/> UL | <input type="checkbox"/> Other: _____ | |

The laser source used in the laser equipment has the following specifications:

Laser manufacturer: _____
Laser type / description: _____
Maximum power or energy: _____ W or J
Pulse duration / pulse frequency: _____
Wavelength: _____ nm

The laser equipment used at the stand features a protective device in accordance with EN 954-1 or EN 60 204-1 and as a result is classified into one of the following safety categories:

- Category 1 Category 2 Category 3 Category 4
 Category B Unknown Other: _____

Operation of lasers in Class 3R, 3B or 4:

Laser equipment in Class 3R, 3B or 4 may only be operated at the exhibition stand if a safety certificate has been obtained by a publicly appointed and sworn expert before the start of the fair. If the exhibitor is unable to provide such a document, Messe Frankfurt reserves the right to carry out this inspection at exhibitor's expense.

- The laser equipment used at the stand is classified as Class 3R, 3B or 4. However, measures have been taken in construction and/or organisation to prevent danger to trade fair visitors. This will be confirmed by a publicly appointed and sworn expert. The corresponding safety certificate will be available at the stand before the start of the fair.

Date / time of inspection at stand: _____ Date / time

Expert (name): _____

Phone / mobile number: _____

- We request Messe Frankfurt to arrange for an expert to inspect our laser equipment. The equipment will be operational and ready for inspection on the date and time listed below.

Inspection at stand possible on: _____ Date / time

Person responsible at stand (name): _____

Phone / mobile number: _____

Registrant / company: _____

Address: _____

Postal code / city / country: _____

Contact person: _____

Phone / mobile number: _____

Email: _____

Stand number: _____

Date: _____ Signature: _____