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3 Technical data and facilities in the halls and the outdoor space as well as general technical notes about the exhibition grounds

| Hall | Entrance | Entrance width m | Clearance height m |
|--------|----------|------------------|--------------------|
| Hall 1 | 1-6 | 5.69 | 7.06 |
| Hall 5 | 5-4 | 5.40 | 6.50 |

Firefighting equipment / air curtains

All gates at halls and at the transitions between halls have fire fighting equipment and/or air curtains. The dimensions of the technical facilities can be found on the stand drawing of your stand space. These dimensions must be checked by the stand renter/user on site.



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- 4.4.1.6 Flying objects and unmanned aviation vehicles (UAV)
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- 1.1 House rules for the Düsseldorf exhibition grounds
- 5. Photography and filming on the exhibition grounds and in the halls is permitted in compliance with the relevant legal provisions (GDPR, general personal rights, etc.). Visitors and other third parties must not be impaired in the process. Escape and rescue routes must be kept clear. Within the scope of his domiciliary rights, the exhibitor is entitled to issue a ban on filming and photography for his own stand. This must be marked accordingly.
- 13. Outside the exhibitor's own stand areas, only service partners of Messe Düsseldorf may advertise on the exhibition grounds of Messe Düsseldorf.

3 Technical data and facilities in the halls and the outdoor space as well as general technical notes about the exhibition grounds

| Hall | Entrance | Entrance width m | Clearance height m |
|--------|----------|------------------|--------------------|
| Hall 1 | 1-6 | 5.69 | 6.64 |
| Hall 5 | 5-4 | 5.54 | 6.93 |

Firefighting equipment / air curtains

All gates at halls and at the transitions between halls have fire fighting equipment and/or air curtains. The dimensions of the technical facilities can be found on the stand drawing of your stand space. These dimensions must be checked by the stand renter/user on site. The fire extinguishing equipment must not be constructively incorporated into the stand concept. Building over the facilities is only possible with the prior approval of Messe Düsseldorf.



3.1.4 Sprinkler system

Halls 1 to 17 are equipped with sprinkler systems. The sprinkler systems required for the stands in Halls 1 – 7a and 8 – 17 are supplied from supply ducts in the hall floor. In all 7.0 - 7.2, supply is not possible.

3.3 Lifts Hall 1, Hall 6 - 6.1, Hall 7.0 - 7.2, crane tracks Halls 15 to 17

Freight lift Hall 1:

Load-bearing capacity of freight lift: 2.5 tonnes each

Dimensions (clear measurements lift car):

length 2.70m, width: 1.35m, height: 2.50m

Freight lifts Hall 6:

Load-bearing capacity of freight lifts: 2.5 tonnes each

Dimensions (clear measurements lift car): length 3.00m, width: 1.6m, height: 2.30m

Freight lifts Hall 7:

Load-bearing capacity of freight lifts: 3 tonnes each.

Dimensions of the lifts (clear dimensions of cabin):

Length: 2.80m Width: 2.70m Height: 3.25m.

The load-bearing capacity of the stationary hall cranes in Halls 15 to 17 is 10 tonnes each.

3.1.4 Sprinkler system

Halls 1 to 17 are equipped with sprinkler systems. The sprinkler systems required for the stands in Halls 1 – 7a and 8 – 17 are supplied from supply ducts in the hall floor. In Hall 7.0 - 7.2 and at the gallery level 6.1, supply is not possible.

3.3 Lifts Hall 1, Hall 6 - 6.1, Hall 7.0 - 7.2, crane tracks Halls 15 to 17

Freight lift Hall 1:

Load-bearing capacity of freight lift: 2.5 tonnes each

Dimensions (clear measurements lift car):

length 2.70m, width: 1.35m, height: 2.50m

Freight lifts Hall 6:

Load-bearing capacity of freight lifts: 2.5 tonnes each

Dimensions (clear measurements lift car): length 3.00m, width: 1.6m, height: 2.30m

Freight lifts Hall 7:

Load-bearing capacity of freight lifts: 3 tonnes each.

Dimensions of the lifts (clear dimensions of cabin):

Length: 2.80m Width: 2.70m Height: 3.25m.

The load-bearing capacity of the stationary hall cranes in Halls 15 to 17 is 10 tonnes each.

The crane runways may only be operated by authorised Messe Düsseldorf personnel. This applies accordingly to freight lifts, with the exception of individual installations.

4.1 Stand safety

Exhibition stands including equipment and exhibits as well as advertising hoardings must be securely erected so that they are not a risk to public safety, in particular they should not endanger life or health. Care shall be taken during construction and dismantling that any possible consequences of hazardous situations arising from that work remain limited exclusively to the rented stand space. Risks on adjacent escape and rescue routes or neighbouring stand space must be effectively avoided through corresponding planning and preparation of the work.

If, during assembly or dismantling, the safety of the stand (e.g. of slim and high elements such as wall disks, corresponding decoration items or comparable exhibits) is not yet or no longer ensured, particular account must be taken of this. The related required safety measures and necessary rulings shall be arranged by the performing company on its own responsibility. The exhibitor is responsible for the structural safety and may be required to provide proof of such.

In justified cases, Messe Düsseldorf is entitled to commission a structural engineer to carry out a check of stand safety at the expense of the exhibitor.

Standing structural elements or special constructions (e.g. free-standing walls, LED walls, high exhibits, high decorative elements) that could fall over must be designed for at least a horizontally-effective equivalent distributed load q_{h1} :

$q_{h1} = 0,125 \text{ kN/m}^2$ up to 4 metres in height from the upper edge of the hall floor

$q_{h2} = 0,063 \text{ kN/m}^2$ for all space higher than 4 metres above the upper edge of the hall floor.

The reference area is the respective face area. The evidence created for this must be submitted to the exhibition company in auditable form upon request.

Otherwise, the **Landesbauordnung NW (State Building Code of North Rhine-Westphalia)**, dated 07 March 1995, in the version of 01 March 2000, **GV NW (Law and Ordinance Gazette North Rhine-Westphalia) p. 256**, in its current version from time to time, shall apply. Note the applicable **Regulations on the Construction and Operation of Special Structures NW**, dated 2 December 2016, **GV NRW, 2017 page 2**, in their latest version.

DIN 4102/EN 13501 (fire behaviour of building materials, building components) must be observed and adhered to without exception.

4.2 Stand construction inspection

Provided that the Technical Guidelines are observed in the design and implementation of the stand, single-storey stand constructions in exhibition halls do not require the submission of drawings for clearance. Upon request, Messe Düsseldorf offers to review the stand construction plans in German or English language (comprising at least floor plan, elevation and perspective drawings with unambiguous dimensions stated in the floor plan and elevation). The final date for submission is six weeks before commencement of the construction. Moreover, any other stand constructions, mobile stands, special structures and constructions and special components (especially textile stand constructions) are subject to clearance. Outdoors all stand constructions and facilities are subject to clearance and/or approval. Clearances/approvals are only valid for the event for which they have been issued.

4.1 Stand safety

Exhibition stands including equipment and exhibits as well as advertising hoardings must be securely erected so that they are not a risk to public safety, in particular they should not endanger life or health. Care shall be taken during construction and dismantling that any possible consequences of hazardous situations arising from that work remain limited exclusively to the rented stand space. Risks on adjacent escape and rescue routes or neighbouring stand space must be effectively avoided through corresponding planning and preparation of the work.

If, during assembly or dismantling, the safety of the stand (e.g. of slim and high elements such as wall disks, corresponding decoration items or comparable exhibits) is not yet or no longer ensured, particular account must be taken of this. The related required safety measures and necessary rulings shall be arranged by the performing company on its own responsibility. The exhibitor is responsible for the structural safety and may be required to provide proof of such.

In justified cases, Messe Düsseldorf is entitled to commission a structural engineer to carry out a check of stand safety at the expense of the exhibitor.

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$q_{h2} = 0,063 \text{ kN/m}^2$ for all space higher than 4 metres above the upper edge of the hall floor.

The reference area is the respective face area. The evidence created for this must be submitted to the exhibition company in auditable form upon request.

In all other respects, see **NRW State Building Code dated 21 July 2018, SGV.NRW as amended**. Note the applicable **Regulations on the Construction and Operation of Special Structures NW**, dated 2 December 2016, **GV NRW, 2017 page 2**, in their latest version.

DIN 4102/EN 13501 (fire behaviour of building materials, building components) must be observed and adhered to without exception.

4.2 Stand construction inspection

Provided that the Technical Guidelines are observed in the design and implementation of the stand, single-storey stand constructions in exhibition halls do not require the submission of drawings for clearance. Upon request, the trade fair company offers to check stand construction plans in German or English (consisting of at least floor plan, elevation and perspective drawings, with clear dimensions in floor plan and elevation) for a fee. A fee of € 105.00 plus VAT will be charged for the one-time examination of the documents. Additional expenses (due to multiple inspections of amended stand plans or similar) will be charged in addition to the inspection fees according to time and effort. The final date for submission is six weeks before commencement of the construction. Inspection requests received after this date may not be considered. In the event of processing, a surcharge of 35% will be levied on the inspection fees. The debtor of the inspection fees is always the exhibitor. Moreover, any other stand constructions, mobile stands, special structures and constructions and special components (especially textile stand constructions) are subject to clearance. Outdoors all stand constructions and facilities are subject to clearance and/or approval. Clearances/approvals are only valid for the event for which they have been issued.

4.2.1 Inspection and clearance of structures where clearance is mandatory

Stand plans drawn to a suitable scale (with metric details) must be at least 1:100, with a ground plan and views, and must be provided in duplicate, in German; submission must be no later than six weeks before the beginning of the venue operator's setup period. Original documents must be submitted. Telefaxes and e-mail cannot be processed. Once the floor plans have been reviewed, one copy is returned to the exhibitor/stand construction company together with conditions for operation which must then be implemented.

The final report on the inspection, supervision and acceptance of the verified stand constructions may be provided either on paper or by email, subject to Messe Düsseldorf's discretion. Clearance can be considered as granted as soon as all the terms of implementation have been carried out and completed.

In order to receive clearance for:

- two-storey constructions,
- cinemas or auditoria, see 4.10.1
- open-air construction on the exhibition grounds according to section 4.8
- Special constructions, tribunes, pedestals with a height > 20 cm

the following documentation is also required in duplicate in German at least six weeks before commencement of construction:

- a) a testable structural analysis in accordance with German standards
 - b) description of the stand
 - c) stand drawings (to scale: 1:100), floor plans, views, cross-sections, emergency escape route plan indicating length of escape routes, construction details in larger-scale ratios
 - d) If proof of type approval or inspection book is submitted, the documentation under a) above are not required
- Messe Düsseldorf undertakes to forward applications to the Building Supervisory Authority and/or the inspection engineer on behalf of the exhibitor and at the exhibitor's cost. The cost of the clearance procedure is charged to the exhibitor / stand construction company. Applications received after the official deadline are subject to a surcharge.

4.2.2 Vehicles and Containers

Vehicles or containers may not be used as stand construction elements in halls unless they have received clearance from the venue operator. Written permission must first be obtained. Regular stand construction requirements must be met.

4.2.1 Inspection and clearance of structures where clearance is mandatory

Dimensioned stand plans (metric dimensions), at least on a scale of 1:100 with floor plans and elevations, must be submitted to Messe Düsseldorf in German or English for approval no later than six weeks before the start of the set-up period. The documents must be submitted by e-mail as a PDF file. The approved stand plans will be returned to the exhibitor / stand constructor after inspection with the conditions to be implemented. The final report on the inspection, construction supervision and acceptance of the inspected stand structures will be sent by e-mail. Approval shall only be deemed given if all conditions of execution have been implemented upon completion.

For the release of:

- two-storey constructions,
- cinemas or auditoria, see 4.10.1
- open-air construction on the exhibition grounds according to section 4.8
- Special constructions, tribunes, pedestals with a height > 20 cm

the following documents are also required up to six weeks before the start of the set-up period:

- a) a testable structural analysis in accordance with German standards
- b) description of the stand
- c) stand drawings (to scale: 1:100), floor plans, views, cross-sections, emergency escape route plan indicating length of escape routes, construction details in larger-scale ratios
- d) If proof of type approval or inspection book is submitted, the documentation under a) above are not required

Messe Düsseldorf undertakes to forward applications to the Building Supervisory Authority and/or the inspection engineer on behalf of the exhibitor and at the exhibitor's cost. The cost of the clearance procedure is charged to the exhibitor / stand construction company. Applications received after the official deadline are subject to a surcharge.

4.2.2 Vehicles and Containers

The use of vehicles, show trailers and containers as stand construction elements in the halls is only permitted after approval has been granted by Messe Düsseldorf and written permission has been obtained. Regular stand construction requirements must be met.

4.4.1.1 Stand construction and decorative materials

Readily flammable materials and construction materials that drip when burning or polystyrene hard foam (Styropor) and similar materials may not be used in the construction of stands and stand installations. In individual cases special requirements may be imposed for load-bearing construction components for safety purposes. All forms of decoration material must be heavily flame retardant at least as per building material category B1 under DIN 4102. Equivalent evidence in German as per EN 13501 (at least class c-s3, d0) may be recognised. Should this be requested by the venue operator, low flammability must be proved through submission of a test certificate from an approved inspection authority as well as a certificate of conformity. Standard fire-resistant decorative materials may be used in certain areas if the design provides sufficient protection against fire. Deciduous and coniferous trees may only be used if they are supplied with a moist root ball. Materials such as bamboo, reed, hay, straw, wood chips, turf or similar materials may not be used.

4.4.1.2 Exhibition of motor vehicles

Motor vehicles of all kinds may only be exhibited after due notification via the Online Order System. There is no special permit issued by the trade fair company. The use of vehicles instead of exhibition stands and the placement of vehicles and trailers in Halls 7.0, 7.1 and 7.2 is only permitted under certain conditions and upon being reviewed and cleared by Messe Düsseldorf GmbH. Vehicles must be positioned in such a way that they cannot be driven away. They must be positioned on a statically appropriate support and be protected on the outside against rolling away. Vehicles must be prepared in such a way that it becomes impossible to inadvertently move the vehicles or attached parts. Vehicle parts, vehicle doors and other movable vehicle components or add-on parts must not protrude into the hall aisles. We operate a strict ban on the starting, manoeuvring and driving of vehicles inside exhibition halls during events. Vehicles with combustion engines may only be exhibited inside the halls with mostly empty tanks (5 litres max). The fuel tank must be locked. To prevent the vehicle from moving, the battery must be disconnected or disabled by means of a circuit breaker. If a vehicle requires electric power for presentation purposes, then this must be supplied through an external auxiliary power supply. It must be disconnected again when leaving the exhibition stand. The Vehicle Rescue Card must be placed in an easily accessible position within the vehicle (preferably below the sun visor on the driver's side).

For gas-propelled engines see section 5.7 with regard to the pressure container.

Vehicles with electric drives may only be exhibited with non-hazardous batteries. Electric vehicles must be presented to the company fire brigade for inspection 1 hour before being brought into the hall and must not be parked in the hall until they have been approved by the trade fair company. For this purpose, it is absolutely necessary to present the rescue card for the electric vehicle. **Electric vehicles may not be parked unattended in the exhibition halls. When leaving the exhibition stand, electric vehicles must be supervised by a fireman.** Electric and hybrid vehicles must not be charged inside exhibition halls. The charging level of the energy storage battery must not exceed 20% of the capacity.

Vehicles with fuel cells and/or gas drive must only be displayed in the exhibition halls without gas/fuel.

4.4.1.1 Stand construction and decorative materials

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Vehicles with fuel cells and/or gas drive must only be displayed in the exhibition halls without gas/fuel.

Additional requirements may be imposed depending on vehicle type and presentation location and will be determined on a case-by-case basis. To allow sufficient time for the required preparations, we should be grateful if you could let us know the intended timing of your vehicle demonstration as early as possible, though no less than 2 working days prior to the relevant showing. To make appointments with the Messe Düsseldorf Fire Service for electric vehicles or for vehicles with other alternative engine types, please ring +49 211 4560-118 or email Feuerwehr@messe-duesseldorf.de.

4.4.1.6 Flying objects and unmanned aviation vehicles

No permission is given for the use or operation of free-floating balloons or aircraft (e.g. Zeppelins) or unmanned aviation devices, e.g. drones and Quadro copters) on the premises of the Düsseldorf Exhibition Centre. As the property owner, Messe Düsseldorf does not issue flying permits for such devices. However, under exceptional circumstances and despite the general ban, it may be possible to issue a permit if secure flying operation and the protection of third-party privacy rights and copyrights are warranted. This requires a final structural separation between the flying space and any space accessible to persons. In addition, approval is required from all exhibitors directly adjacent to the flying space and also, where appropriate, a permit from the aviation authority.

4.4.1.10 Spray guns, lacquers, paints containing solvents and cleaning agents/detergents

The use of solvent-based products or paints is prohibited in all exhibition buildings. The use of sprayers is prohibited, as well, even if other products are used. **The use of flammable liquids for cleaning purposes inside the halls is not permitted.** Cleaning agents/detergents that contain harmful substances must be used in accordance with regulations.

4.5.1 Exits and emergency routes for large stands

On the exhibition stand, the walking distance to the edge of the stand may only be a maximum of 20 m from any access point. Stands and/or individual rooms within the stand space with a floor area greater than 100 m² must have at least two separate exits whose starting points must be at least 5.00 m apart from each other as well as on opposite sides. See also 4.6.2. Stairs with a shared starting or end point do not meet this requirement. **There must be no construction on or on top of any aisles which are specified in the layout plans.** The stand should be designed in such a way that the exits are clearly marked and easy to reach. Escape routes must be marked as specified in the Technical Workplace Regulations, **ASR A1.3** "Health and Safety Signage" and DIN/EN ISO 7010.

4.5.2 Doors, access barriers

The use of swing doors, revolving doors, coded doors, sliding doors and other access barriers is not permitted in the emergency exits. Folding and sliding doors may be permitted for smaller rooms with up to 20 square metres of area. Preference is to be given to doors whose wings are fixed to one side. Doors on escape routes must open in the direction of escape and must be easy to open fully from the inside at all times. Doors must not open out in a way that obstructs a hall aisle or escape route.

Additional requirements may be imposed depending on vehicle type and presentation location and will be determined on a case-by-case basis. To allow sufficient time for the required preparations, we should be grateful if you could let us know the intended timing of your vehicle demonstration as early as possible, though no less than 2 working days prior to the relevant showing. To make appointments with the Messe Düsseldorf Fire Service for electric vehicles or for vehicles with other alternative engine types, please ring +49 211 4560-118 or email Feuerwehr@messe-duesseldorf.de.

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4.4.1.10 Spray guns, lacquers, paints containing solvents and cleaning agents/detergents

The use of solvent-based products or paints is prohibited in all exhibition buildings. The use of sprayers is prohibited, as well, even if other products are used. **The use of flammable liquids for cleaning purposes inside the halls is not permitted.** Cleaning agents/detergents that contain harmful substances must be used in accordance with regulations.

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4.5.2 Doors, access barriers

The use of swing doors, revolving doors, coded doors, sliding doors and other access barriers is not permitted in the emergency exits. Folding and sliding doors may be permitted for smaller rooms with up to 20 square metres of area. Preference is to be given to doors whose wings are fixed to one side. Doors on escape routes must open in the direction of escape and must be easy to open fully from the inside at all times. Doors must not open out in a way that obstructs a hall aisle or escape route. **The requirements of the EN 179 and DIN EN 1125 standards must be observed when planning emergency exit doors.**

4.7.9 Foundations, pits, ducts

Exhibitors who require foundations, pits or ducts for their exhibits must submit the necessary drawings and documents for the inspection of the local features well in advance to Messe Düsseldorf. Foundations and pits cannot be provided at the hall edges or on the first floor Halls 6.1, in Halls 7.0-7.2 or some sections of Halls 3, 4, 8, 10, 11 and 13. Orders are to be addressed exclusively to Messe Düsseldorf.

4.8.3.5 Exits of escape routes on outdoor premises

The length of an escape route must not exceed a 30-metre walk from any point within an enclosed stand construction and its exit to the outside. Stairs or ramps at entrances and exits must not project into the traffic and escape routes.

No permission is given for putting up tents, caravans or mobile homes for the purpose of camping or sleeping on the premises of the exhibition centre. No aerodromes must be set up. The regulations for construction heights (4.3) are also applicable to outdoor construction. Outdoor stands must maintain a distance of at least 5 metres from a hall or from any other buildings.

4.9.1 Building request

Two-storey stand construction may only be authorised to a limited extent and only with the consent of the relevant department of the venue operator. The request must be presented immediately after receiving the stand permit, via "Clearance of Special Structures" in the Online Order System. **Two-storey construction is not possible on the first floor of Hall 6.1 or in Hall 7.0-7.2.**

A person in charge must be specified by name and no later than the beginning of construction work, covering all phases of the event (assembly, event itself and dismantling), giving details of their mobile phone number; this person must be available at stands / within the event space.

4.9.2 Conditions for construction, safety distance, height of internal stand areas

The exit doors and gates of the halls must be kept free of any construction and must remain accessible. This applies particularly to the marked emergency exits.

On all other stands, superstructures are permitted on up to 50% of the area, although this must not exceed 300 m² in any specific case. Where the structure covers more than 30 m² the installation of sprinkler systems is required. These can be ordered exclusively from Messe Düsseldorf, see sections 4.4.2 und 4.7.7.

In the two-storey area between two stands, a minimum safety distance of 5.00 m must be maintained; neighbouring stands may be linked by mutual agreement, provided the maximum limits specified above are observed. The clear heights of the interior space within a two-storey exhibition stand must be at least 2.5 metres each for the ground floor and the upper floor. It is the responsibility of each stand owner to ensure that, where back panels border on neighbouring stands, such panels have a height of over 2.5 metres and that the panels are designed sufficiently clean and neutral within the white, grey or beige spectrum, without violating the interests of neighbouring stands.

The floor of the upper storey must feature closed construction.

4.7.9 Foundations, pits, ducts

Exhibitors who require foundations, pits or ducts for their exhibits must submit the necessary drawings and documents for the inspection of the local features well in advance to Messe Düsseldorf. Foundations and pits cannot be provided at the hall edges or on the first floor Halls 6.1, in Halls 7.0-7.2 or some sections of Halls 3, 4, 8a, 8b, 10, 11 and 13. Orders are to be addressed exclusively to Messe Düsseldorf.

4.8.3.5 Exits of escape routes on outdoor premises

The length of an escape route must not exceed a 30-metre walk from any point within an enclosed stand construction and its exit to the outside. Stairs or ramps at entrances and exits must not project into the traffic and escape routes.

No permission is given for putting up tents, caravans or mobile homes for the purpose of camping or sleeping on the premises of the exhibition centre. No aerodromes must be set up. The regulations for construction heights (4.3) are also applicable to outdoor construction. Outdoor stands must maintain a distance of at least 5 metres from a hall or from any other buildings.

For buildings exceeding a height of 5.00 m, the safe distance from existing Messe Düsseldorf buildings must be at least as wide as the height of the building to be erected.

4.9.1 Building request

Two-storey stand construction may only be authorised to a limited extent and only with the consent of the relevant department of the venue operator. The request must be presented immediately after receiving the stand permit, via "Clearance of Special Structures" in the Online Order System. **In the hall areas Foyer Hall 1, 6.1, upper floor, and 7.0 - 7.2, two-storey construction is not possible**

A person in charge must be specified by name and no later than the beginning of construction work, covering all phases of the event (assembly, event itself and dismantling), giving details of their mobile phone number; this person must be available at stands / within the event space.

4.9.2 Conditions for construction, safety distance, height of internal stand areas

Escape and rescue routes, exit doors and gates of the halls must be left out of the building development and remain accessible. This applies particularly to the marked emergency exits.

On all other stands, superstructures are permitted on up to 50% of the area, although this must not exceed 300 m² in any specific case. Where the structure covers more than 30 m² the installation of sprinkler systems is required. These can be ordered exclusively from Messe Düsseldorf, see sections 4.4.2 und 4.7.7.

In the two-storey area between two stands, a minimum safety distance of 5.00 m must be maintained; neighbouring stands may be linked by mutual agreement, provided the maximum limits specified above are observed. The clear heights of the interior space within a two-storey exhibition stand must be at least 2.5 metres each for the ground floor and the upper floor. It is the responsibility of each stand owner to ensure that, where back panels border on neighbouring stands, such panels have a height of over 2.5 metres and that the panels are designed sufficiently clean and neutral within the white, grey or beige spectrum, without violating the interests of neighbouring stands.

The floor of the upper storey must feature closed construction.

5.1.2 Coordination of works on the exhibition stand/Terrain

If work has to be carried out at the same time by employees of different companies on the exhibition stand/in the event area (in particular during the assembly/dismantling phase), the stand construction manager/assembly manager shall coordinate the work in accordance with the German Occupational Health and Safety Act (ArbSchG) and DGUV Regulation 1 (German Social Accident Insurance) in the event of possible mutual hazards. This also applies, in particular, to work carried out by service providers of the trade fair company at the trade fair stand. Furthermore, the necessary measures for improving the safety and health of workers at the workplace in accordance with the currently valid European Directive EC-RL 89/391/EEC must be observed and implemented during work at the Exhibition Centre.

5.3.1 Electrical connections

Each stand requiring electrical power will be provided with one or more connections with fuses and a meter, as well as a fuse box with main switch and current-operated ELCB (RCD), 30mA, up to 63A / 34kW.

The following voltage limits in customary industrial power grids must be observed during the installation of non-linear loads (class 2, EN 61000-2-4): relative harmonic content (THD): <8% (ratio of effective values of the harmonic to the fundamental oscillation) and power factor $\cos \phi = 0.8$. Only the organiser may install these connections. When placing an order using the "Electrical Installations, Hall" form or the Online Order System, the exhibitor must attach a ground plan, showing the requested locations of the supply points. The organiser cannot provide fuse boxes for more than 63A/34kW. Power consumption is calculated per kWh. Consumption is recorded by the fitted meter.

A standing charge is levied for connecting the stand to the hall power supply.

For safety reasons, the power supply will be switched off one hour after the event closes on its last day.

5.3.2 Electrical installation within the stand

Any main electrical installations or connections on the stands are carried out subject to order by Messe Düsseldorf. Inside the stands, installations may be provided by skilled electrical personnel provided by exhibitors or by licensed specialised companies in compliance with VDE regulations (see under 5.3.3). For machinery exhibits the interface between Messe Düsseldorf and the exhibitor are the input terminals in the switch cabinet of the exhibit, right in front of the main switch of the exhibit. The connection of the ordered connected load is subject to the main switch of the exhibit being installed in keeping with the ordered load in terms of nominal power and tripping characteristics. Power lines connected to this interface before the main switch with a view to supplying other parts of the equipment with power, must feature the same cross-section as Messe Düsseldorf's supply line or must be resistant to short-circuits. All connections to this interface used for internal switch-cabinet supply must be made and provided with fuses in conformity with regulations. The function of the main switch and the installations in the switch cabinet and on the exhibit after the main switch are entirely the customer's responsibility. Messe Düsseldorf shall not be responsible for checking switch cabinets for conformity with regulations. If requested, Messe Düsseldorf shall also implement the complete stand installation work.

5.1.2 Coordination of works on the exhibition stand/Terrain

If work has to be carried out at the same time by employees of different companies on the exhibition stand/in the event area (in particular during the assembly/dismantling phase), the stand construction manager/assembly manager shall coordinate the work in accordance with the German Occupational Health and Safety Act (ArbSchG) and DGUV Regulation 1 (German Social Accident Insurance) in the event of possible mutual hazards. This also applies, in particular, to work carried out by service providers of the trade fair company at the trade fair stand. Furthermore, the necessary measures for improving the occupational safety and health of workers in accordance with the applicable European Directive EC-RL 89/391/EEC, including any amendments thereto, shall be observed and implemented during the work on the exhibition grounds.

5.3.1 Electrical connections

Each stand requiring electrical power will be provided with one or more connections with fuses and a meter, as well as a fuse box with main switch and current-operated ELCB (RCD), 30mA, up to 63A / 34kW. The Messe Düsseldorf fuse and power distribution boxes with main switch and FI circuit breaker and electrical switchgear must be accessible at all times within the exhibition stand.

The following voltage limits in customary industrial power grids must be observed during the installation of non-linear loads (class 2, EN 61000-2-4): relative harmonic content (THD): <8% (ratio of effective values of the harmonic to the fundamental oscillation) and power factor $\cos \phi = 0.8$. Only the organiser may install these connections. When placing an order using the "Electrical Installations, Hall" form or the Online Order System, the exhibitor must attach a ground plan, showing the requested locations of the supply points. The organiser cannot provide fuse boxes for more than 63A/34kW. Power consumption is calculated per kWh. Consumption is recorded by the fitted meter.

A standing charge is levied for connecting the stand to the hall power supply.

For safety reasons, the power supply will be switched off one hour after the event closes on its last day.

5.3.2 Electrical installation within the stand

Any main electrical installations or connections on the stands are carried out subject to order by Messe Düsseldorf. Inside the stands, installations may be provided by skilled electrical personnel provided by exhibitors or by licensed specialised companies in compliance with VDE regulations (see under 5.3.3). For machinery exhibits the interface between Messe Düsseldorf and the exhibitor are the input terminals in the switch cabinet of the exhibit, right in front of the main switch of the exhibit. The connection of the ordered connected load is subject to the main switch of the exhibit being installed in keeping with the ordered load in terms of nominal power and tripping characteristics. Power lines connected to this interface before the main switch with a view to supplying other parts of the equipment with power, must feature the same cross-section as Messe Düsseldorf's supply line or must be resistant to short-circuits. All connections to this interface used for internal switch-cabinet supply must be made and provided with fuses in conformity with regulations. The function of the main switch and the installations in the switch cabinet and on the exhibit after the main switch are entirely the customer's responsibility. The transfer point for all outlets (sockets, CEE couplings, etc.) is always the Messe Düsseldorf distribution box. Messe Düsseldorf will not carry out any further routing within the stand area. Messe Düsseldorf shall not be responsible for checking switch cabinets for conformity with regulations.

5.6.1 Machine noise, dynamic machine loads

The demonstration of noise-emitting machinery should be kept to a minimum in the interest of the other exhibitors and visitors. The noise level at the edge of the stand must not exceed 70dB (A). The noise level in the exhibition grounds outside the halls must not exceed 50 dB (A). The operation of machinery and systems with oscillation weight force is permitted only if said machinery and systems do not affect any part of the building. Please refer to DIN 1055 part 3, paragraph 8 and DIN 4024. [Please also note the German Noise and Vibration Protection Regulations of 6 March 2007 \(German Federal Law Gazette I, p. 261\) in the relevant latest applicable version \(German Federal Law Gazette 2768\).](#)

5.6.2 Product Safety Code

Under the Product Safety Act (ProdSG) in the respectively applicable version, products (Section 2 point 22) and installations requiring surveillance (Section 2 point 30) must only be provided if they satisfy the requirements set out in a Regulation, Section 3 (1), or are designed such that the safety and health or other legal interests set out in the respective Regulation are not endangered given use as intended or envisaged. At trade fairs and exhibitions, products can also be exhibited that do not satisfy these requirements (Section 3 (1) and (2)) if the exhibitor uses a clearly visible sign to draw attention to the fact that the product does not satisfy the requirements and cannot be acquired until corresponding compliance is assured. The following text can be used as reference sign.

The version of this product shown here does not comply with the statutory provisions in the European Union and cannot be acquired within the European Economic Area until compliance has been assured.

Exhibiting is the offering, setting up or demonstration of products for the purpose of advertising or provision on the market (Section 2 point 2). During a demonstration, the necessary precautions must be taken to protect the health and safety of persons (Section 3 (5) sentence 2). Die Proof of operational safety must be supplied if this is requested by the venue operator.

- a) Under Section 3 point 13 Medical Products Act, the above comments also apply to medical products.
- b) Please also note application of the German Machine Regulation (9th Regulation on the German Product Safety Act), dated 12 May 1993, German Federal Law Gazette 174, in its latest valid version, [German Federal Law Gazette 2178](#). Under the Regulation, only machines with the CE symbol may be provided. The EU Declaration of Conformity as per Appendix II Part 1 section A of Directive 2006/42/EC must be attached to these machines.
- c) Furthermore, if recreational watercraft is involved, please also note application of the 10th Regulation on the Provision for Recreational Watercraft and the Use of Recreational Watercraft (10th Product Safety Regulation), dated 9 July 2004, German Federal Law Gazette 1605, in its latest valid version, [German Federal Law Gazette 2178](#).
- d) If personal protection equipment is used, note application of the 8th Regulation on the German Product Safety Act (Regulation on the Provision of Personal Protection Equipment on the Market), dated 20 February 1997, German Federal Law Gazette 316 in its latest valid version, [German Federal Law Gazette 2178](#), on the provision of such equipment. Information is available from the Regional Government Düsseldorf (see point 5.6.2.2 of these Technical Guidelines).

5.6.1 Machine noise, dynamic machine loads

The demonstration of noise-emitting machinery should be kept to a minimum in the interest of the other exhibitors and visitors. The noise level at the edge of the stand must not exceed 70dB (A). The noise level in the exhibition grounds outside the halls must not exceed 50 dB (A). The operation of machinery and systems with oscillation weight force is permitted only if said machinery and systems do not affect any part of the building. Please refer to DIN 1055 part 3, paragraph 8 and DIN 4024. [Reference is made to the Noise and Vibration Protection at Work Ordinance dated 6 March 2007 \(BGBL I p. 261\) as amended.](#)

5.6.2 Product Safety Code

Under the Product Safety Act (ProdSG) in the respectively applicable version, products (Section 2 point 22) and installations requiring surveillance (Section 2 point 30) must only be provided if they satisfy the requirements set out in a Regulation, Section 3 (1), or are designed such that the safety and health or other legal interests set out in the respective Regulation are not endangered given use as intended or envisaged. At trade fairs and exhibitions, products can also be exhibited that do not satisfy these requirements (Section 3 (1) and (2)) if the exhibitor uses a clearly visible sign to draw attention to the fact that the product does not satisfy the requirements and cannot be acquired until corresponding compliance is assured. The following text can be used as reference sign.

The version of this product shown here does not comply with the statutory provisions in the European Union and cannot be acquired within the European Economic Area until compliance has been assured.

Exhibiting is the offering, setting up or demonstration of products for the purpose of advertising or provision on the market (Section 2 point 2). During a demonstration, the necessary precautions must be taken to protect the health and safety of persons (Section 3 (5) sentence 2). Die Proof of operational safety must be supplied if this is requested by the venue operator.

- a) Under Section 3 point 13 Medical Products Act, the above comments also apply to medical products.
- b) Please also note application of the German Machine Regulation (9th Regulation on the German Product Safety Act), dated 12 May 1993, German Federal Law Gazette 174, in its latest valid version. Under the Regulation, only machines with the CE symbol may be provided. The EU Declaration of Conformity as per Appendix II Part 1 section A of Directive 2006/42/EC must be attached to these machines.
- c) Furthermore, if recreational watercraft is involved, please also note application of the 10th Regulation on the Provision for Recreational Watercraft and the Use of Recreational Watercraft (10th Product Safety Regulation), dated 9 July 2004, German Federal Law Gazette 1605, in its latest valid version.
- d) If personal protection equipment is used, note application of the 8th Regulation on the German Product Safety Act (Regulation on the Provision of Personal Protection Equipment on the Market), dated 20 February 1997, German Federal Law Gazette 316 in its latest valid version, on the provision of such equipment. Information is available from the Regional Government Düsseldorf (see point 5.6.2.2 of these Technical Guidelines).

5.6.2.2 Test procedure

The exhibited technical equipment will be inspected for accident prevention and safety by the relevant supervisory authority (Bezirksregierung Düsseldorf (Düsseldorf Regional Government), Dezernat 55, 2, Technischer Arbeitsschutz/Produktsicherheit, Außenstelle Essen, Ruhrallee 55 – 57, 45138 Essen, Deutschland, Tel.: +49 211 475-9505, Fax: +49 211 475-9505, Mail: poststelle@brd.nrw.de), where necessary jointly with the relevant expert committees of the professional association, to verify conformity with the safety specifications. Exhibitors are requested to have EU certification documentation/manufacturer's declaration available on their stand for CE conformity checking by the Safety Officer. In case of doubt, exhibitors should contact the relevant office before the start of the event. If serious infringement is identified subsequently, installation may be prohibited.

5.6.3.4 Supervision

The required acceptance certificates should be kept available for the Inspectorate during the event. Information may be obtained from the Bezirksregierung Düsseldorf Department 5, Postfach 30 08 56, 40408 Düsseldorf, Tel. +49 201 27670 as the competent authority.

5.6.4 Vapours, gases, aerosols and dust

Exhibits and equipment that emit vapours, gases, aerosols and dust that are flammable, toxic or generally unpleasant for the public may not be used inside the halls. Such vapours and gases must be directed into the open air through non-combustible piping (see section 5.6.5 below). For details, attention is drawn to the Federal Act on Air Pollution Control and Noise Abatement as amended on 29 September 2009, Federal Law Gazette I, 2002, p. 3820, as amended as well as the Operational Safety Regulations (Betriebssicherheitsverordnung) of 27 September 2002, Federal Law Gazette, p. 3777, as amended.

5.7.1.3 Installation and maintenance

The establishment and maintenance of liquefied gas systems are subject to the "Technical Regulations for Liquefied Gas", DVFG-TRF 2012 (published by the German Association for Gas and Water Applications, DVGW, and the German Liquefied Natural Gas Association, DVFG), regulations 79 and 80, "Use of Liquefied Gas". See 5.7.1.1. With the application for approval, the operator of the system must write up and submit an explosion protection document as per §3 and §5 of the Operational Safety Ordinance. The entire installation must be checked by a competent (and duly authorised) person, in application of the principle specified for German Social Accident Insurance (DGUV), 310-005.

5.7.1.4 Pressure Container Ordinance

The conditions laid down in the latest version of the industrial safety ordinance and the pressure container ordinance dated 27 September 2002, Federal Law Gazette I, p. 3806 are binding and must be observed.

5.6.2.2 Test procedure

The exhibited technical equipment will be inspected for accident prevention and safety by the relevant supervisory authority (Bezirksregierung Düsseldorf (Düsseldorf Regional Government), Cecilienallee 2, 40474 Düsseldorf, Phone: +49 211 475-0, Fax: +49 211 475-2671, E-Mail: poststelle@brd.nrw.de), where necessary jointly with the relevant expert committees of the professional association, to verify conformity with the safety specifications. Exhibitors are requested to have EU certification documentation/manufacturer's declaration available on their stand for CE conformity checking by the Safety Officer. In case of doubt, exhibitors should contact the relevant office before the start of the event. If serious infringement is identified subsequently, installation may be prohibited.

5.6.3.4 Supervision

The required acceptance certificates should be kept available for the Inspectorate during the event. Information may be obtained from the Bezirksregierung Düsseldorf, Cecilienallee 2, 40474 Düsseldorf, Phone: +49 211 475-0, Fax: +49 211 475-2671, E-Mail: poststelle@brd.nrw.de as the competent authority.

5.6.4 Vapours, gases, aerosols and dust

Flammable liquids, hot vapours, gases, aerosols, and dusts detrimental to health or a nuisance to the general public emitted by exhibits and equipment must not be discharged into the halls. Such vapours and gases must be directed into the open air through non-combustible piping (see section 5.6.5 below). For details, attention is drawn to the Federal Act on Air Pollution Control and Noise Abatement as amended on 29 September 2009, Federal Law Gazette I, 2002, p. 3820, as amended as well as the Operational Safety Regulations (Betriebssicherheitsverordnung) of 27 September 2002, Federal Law Gazette, p. 3777, as amended.

5.7.1.3 Installation and maintenance

The establishment and maintenance of liquefied gas systems are subject to the "Technical Regulations for Liquefied Gas", DVFG-TRF 2012 (published by the German Association for Gas and Water Applications, DVGW, and the German Liquefied Natural Gas Association, DVFG), regulations 79 and 80, "Use of Liquefied Gas". See 5.7.1.1. With the application for approval, the operator of the system must write up and submit an explosion protection document as per §3 and §5 of the Operational Safety Ordinance of 3 February 2015. The entire installation must be checked by a competent (and duly authorised) person, in application of the principle specified for German Social Accident Insurance (DGUV), 310-005.

5.7.1.4 Pressure Container Ordinance

The conditions laid down in the latest version of the industrial safety ordinance and the pressure container ordinance dated 3 February 2015, Federal Law Gazette I, p. 3806 are binding and must be observed.

5.7.2 Flammable liquids

5.7.2.1 Storage and use

Flammable liquids (see German Industrial Safety Regulation of 27 September 2002, Federal Law Gazette I, page 3777) must not be stored or used in exhibition halls or on outdoor premises without written permission from Messe Düsseldorf. Permission to store and use flammable liquids may be granted for the operation or demonstration of exhibits. The relevant application must be submitted to the venue operator via "Approval for Flammable Liquids" in the Online Order System, along with the appropriate safety data sheet. Dummies must be used for advertising or decoration purposes.

5.7.2.2 Storage of supplies

For operation and demonstration purposes, the amount of combustible liquid held at a stand by permission shall at all times be limited to the quantity to be used on any one day. The amount of this quantity shall be specified in the application to be submitted.

5.7.2.3 Storage containers

The required daily volumes must be stored in enclosed, non-breakable containers, ensuring a clear arrangement and access in an emergency. These must be kept secured against unauthorised access. The storage containers must be kept in non-flammable spill basins.

5.7.2.5 Operating regulations

Equipment operated or demonstrated using flammable liquids must be outfitted with non-flammable spill basins at all filling points as well as at all locations from which liquids can escape. Flammable liquids that have leaked must be immediately removed from the basins and safely disposed of, due to the risk of fire or explosion.

5.7.2.6 Pouring liquids

As pouring flammable liquids is dangerous, extra care and caution are to be taken. Spilt liquids or contamination caused by container leakages must be removed and disposed of immediately. Therefore, it is essential that the appropriate precautions be taken and drip containers or absorbents be kept on the stand at all times.

5.7.2.7 Empty containers

Empty containers that have been used to store flammable liquids may not be kept or stored in the hall. Procedures must be in place for degassing empty containers.

5.7.2 Substances hazardous to water/flammable liquids

5.7.2.1 Storage and use

The storage and use of flammable liquids (see Ordinance on Industrial Safety and Health dated 3 February 2015, BGBl. I, p. 3777) are prohibited in the exhibition halls and on the exhibition grounds without the written permission of Messe Düsseldorf. Permission to store and use flammable liquids may be granted for the operation or demonstration of exhibits. The relevant application must be submitted to the venue operator via "Approval for Flammable Liquids" in the Online Order System, along with the appropriate safety data sheet. Dummies must be used for advertising or decoration purposes.

5.7.2.2 Storage of supplies

For operation and demonstration purposes, only the amount of flammable liquid required for one day at a time is permitted on the stand after permission has been granted. The amount of this quantity shall be specified in the application to be submitted.

5.7.2.3 Storage containers

The daily requirement shall be stored in closed, shatter-proof containers and accessible for effective emergency response. These must be kept secured against unauthorised access. The storage containers must be kept in non-flammable spill basins.

5.7.2.5 Operating regulations

Installations that are operated or demonstrated with flammable liquids must be equipped with non-flammable collecting containers at the filler necks and at all points where liquids can escape. Flammable liquids that have leaked must be immediately removed from the basins and safely disposed of, due to the risk of fire or explosion.

5.7.2.6 Pouring liquids

Since filling flammable liquids constitutes a special danger, utmost care and caution must be exercised here. Spilt liquids or contamination caused by container leakages must be removed and disposed of immediately. Therefore, it is essential that the appropriate precautions be taken and drip containers or absorbents be kept on the stand at all times.

5.7.2.7 Empty containers

Empty containers that contained flammable liquids must not be kept or stored in the hall. Procedures must be in place for degassing empty containers.

5.8 Asbestos and other dangerous substances

The use of materials or products containing asbestos or other dangerous substances is prohibited. The basis for this is the latest version of the law for protection against dangerous substances (law on chemicals) dated 20 June 2002, BGI (Federal Law Gazette) I, p. 2090 in conjunction with the latest versions of the Chemical Prohibition Ordinance in the version 13 June 2003, BGI (Federal Law Gazette) I, p. 867 and the Dangerous Substances Ordinance dated 23 December 2004 BGI (Federal Law Gazette) I, p. 3758 in the current version.

5.9.1.1 Handling radioactive materials

Those who handle radioactive materials require permission in accordance with the latest version of §7 of the "Ordinance to prevent damage by ionizing radiation" (Radiological Protection Order – Strl-SchV) dated 20 July 2001 (Federal Law Gazette I, p. 1714); this also applies to their exhibition. The permit must be requested from the relevant authority for the exhibition site. Insofar as a permit is available, it should be verified that the intended handling of radioactive materials is legally permissible within the exhibition grounds.

5.8 Diesel engine emissions (DME), asbestos and other dangerous substances

5.8.1 The operation of diesel engines in the halls must be avoided and may only be carried out with particle filters. Any vehicles and work equipment that are operated in the hall for longer than for merely entering or leaving the hall shall also be equipped with a nitrogen oxide reducing system.

5.8.2 The use of materials or products containing asbestos or other dangerous substances is prohibited. The basis for this is the Act on Protection against Hazardous Substances (Chemicals Act) dated 28 August 2013, Federal Law Gazette I, pp. 3498, 3991, as amended, in conjunction with the Chemicals Prohibition Ordinance dated 20 January 2017, Federal Law Gazette I, p. 94 and the Hazardous Substances Ordinance dated 26 November 2010, Federal Law Gazette I, pp. 1643, 1644, as amended.

5.9.1.1 Handling radioactive materials

Anyone handling radioactive substances must observe the provisions of the Ordinance on Protection against the Harmful Effects of Ionising Radiation (Radiation Protection Ordinance – StrlSchV) dated 29 November 2018 (BGI. I p. 2034) as amended. This also applies to exhibiting them. Any permits must be applied for in writing to the authority responsible for the place of exhibition. (Düsseldorf District Government, Cecilienallee 2, 40474 Düsseldorf, Telephone: +49 211 475-0, Fax: +49 211 475-2671, E-mail: poststelle@brd.nrw.de) Messe Düsseldorf GmbH, Dept. UT-S must always be notified of the handling of radioactive materials on the exhibition grounds. The relevant permit must be submitted. If a permit cannot be submitted, an explanation must be given as to why such a permit may not be necessary. Messe Düsseldorf GmbH reserves the right to prohibit the handling of radioactive materials on its premises in justified cases.

5.9.1.2 Permit applications

Four copies of the permit application must be submitted informally in advance (at least 12 weeks prior to the start of the event) and must include the following minimum information:

1. Personal details of the applicant, including a police certificate or an equivalent official declaration.
2. Personal details of the people responsible for the stand during the exhibition who are able to provide information, including a police certificate or an equivalent official declaration.
3. Personal details of any other person(s) who may be involved in handling the radioactive materials.
4. Description of the radioactive materials.
5. Description of the container and shield (certificate of leak test), dose rates.
6. Description of the intended handling, if necessary with drawings, indicating the use of the radioactive materials.
7. Location of intended handling (hall, stand/diagram).
8. Protective devices, protective measures and measuring equipment (confirmation that a control area is or is not available).
9. Start and probable period of intended handling, including the time for assembly and dismantling as well as storage of the supplied, and/or removed radioactive materials.
10. Details of the precautions taken to comply with the statutory obligations to pay compensation.

Approval by the local authorities is binding for all exhibitors. The approval authority for the Düsseldorf exhibition venue is the Bezirksregierung Düsseldorf, Dezernat 55 - Arbeitsschutz, Cecilienallee 2, 40474 Düsseldorf, P.O. Box 30 08 65, 40408 Düsseldorf. Application forms, together with explanations, may be obtained from there for a permit in accordance with § 7 of the Radiation Protection Ordinance.

5.9.2 X-ray equipment and sources of stray radiation

The Ordinance on the Prevention of Damage by X-rays (RöV dated 8.1.1987, in the version of 30.4.2003, Federal Law Gazette I, p. 604) must be observed in its current version. The operation of X-ray and stray radiation equipment requires approval or notification according to § 3, 4, 5, 8 RöV. The relevant authority for Düsseldorf is the Bezirksregierung Düsseldorf, Department 5, Cecilienallee 2, 40474 Düsseldorf, to which the applications or notifications must be submitted informally, in triplicate, at least 4 weeks prior to the start of the event.

5.9.1.2 Permit applications

Four copies of the permit application must be submitted informally in advance (at least 12 weeks prior to the start of the event) and must include the following minimum information:

1. Personal details of the applicant, including a police certificate or an equivalent official declaration.
2. Personal details of the people responsible for the stand during the exhibition who are able to provide information, including a police certificate or an equivalent official declaration.
3. Personal details of any other person(s) who may be involved in handling the radioactive materials.
4. Description of the radioactive materials.
5. Description of the container and shield (certificate of leak test), dose rates.
6. Description of the intended handling, if necessary with drawings, indicating the use of the radioactive materials.
7. Location of intended handling (hall, stand/diagram).
8. Protective devices, protective measures and measuring equipment (confirmation that a control area is or is not available).
9. Start and probable period of intended handling, including the time for assembly and dismantling as well as storage of the supplied, and/or removed radioactive materials.
10. Details of the precautions taken to comply with the statutory obligations to pay compensation.

Approval by the local authorities is binding for all exhibitors. The approval authority for the Düsseldorf exhibition venue is the Bezirksregierung Düsseldorf, Dezernat 55 - Arbeitsschutz, Ruhrallee 55, 45138 Essen, E-Mail: Dezernat55@brd.nrw.de. Application forms, together with explanations, may be obtained from there for a permit in accordance with § 7 of the Radiation Protection Ordinance.

5.9.2 X-ray equipment and sources of stray radiation

The Ordinance on Protection against the Harmful Effects of Ionising Radiation (Radiation Protection Ordinance – StrlSchV) dated 29 November 2018 (BGBl. I p. 2034), as amended, must be observed. The operation of X-ray and stray radiation equipment requires approval or notification according to § 3, 4, 5, 8 RöV. The relevant authority for Düsseldorf is the Bezirksregierung Düsseldorf, Department 5, Cecilienallee 2, 40474 Düsseldorf, to which the applications or notifications must be submitted informally, in triplicate, at least 4 weeks prior to the start of the event.

5.9.3 Laser equipment

The use of laser equipment, classes 3R, 3BG and 4, is subject to German Social Accident Insurance Regulations (DGUV), section 5, regulations 11 and 12, "Laser Regulations" and must therefore be reported to the relevant accident insurer and the relevant occupational health and safety authority. The notification must include the written appointment of a safety official responsible for operating the laser equipment. The relevant occupational safety authority for Düsseldorf is the Bezirksregierung Düsseldorf, Department 5, Cecilienallee 2, 40474 Düsseldorf, to which the notification must be submitted informally at least 4 weeks prior to the start of the event. Occupational health and safety regulations for laser equipment must also be applied in relation to visitors, as specified in the Special Construction Regulations for North Rhine-Westphalia (SBauVO NRW), section 37. In addition, operation is subject to German Social Accident Insurance (DGUV) Information, sections 203-036 and 203-037, "Laser Equipment for Show and Projection Purposes". A copy of the notification and the permit must be submitted to the organiser. Laser devices of classes 3 R, 3 B or 4 must be inspected after positioning by a person licensed under the Operational Safety Regulation (BetrSichV). Representatives of the Messegesellschaft Düsseldorf must be offered the opportunity of attending this acceptance test.

5.9.4 High frequency and other radio equipment, wireless transmissions

The installation and use of radio equipment (e.g. Wi-Fi and radio microphones) is not allowed. Should this be absolutely necessary for the operation of certain exhibits, an exception may be requested from Messe Düsseldorf. Messe Düsseldorf will check the application and approve the request where appropriate. Regardless of any permission that may be given by Messe Düsseldorf, high-frequency and radio equipment may only be operated if it meets the provisions of the German Telecommunications Act (TKG) of 22 June 2004, Federal Law Gazette I (BGBl I, page 1190) and the German Electromagnetic Compatibility Act (EMVG) of 18 September 1998 Federal Law Gazette I (BGBl I, page 2282), each as amended Personal paging, microport, intercom and remote control systems may only be used if they have been approved by the Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen, Tulpenfeld 4, 53113 Bonn – see also 8.22). Further details can also be found in the German Radio and Telecommunications Terminal Equipment Act (FTEG) of 31 January 2001, Federal Law Gazette I (BGBl I, page 170). It is the exhibitor's responsibility to obtain the aforementioned permit from the German Federal Network Agency (Bundesnetzagentur), which must be submitted to Messe Düsseldorf upon request.

5.9.3 Laser equipment

For the operation of laser systems, the DGUV Information 203-036 "Laser Installations for Show and Projection Applications" (by the German Statutory Accident Insurance) shall be observed. The regulations of the "Arbeitsschutzverordnung zu künstlicher optischer Strahlung – OstrV" (Occupational Health and Safety Ordinance on Artificial Optical Radiation – OstrV) and the associated "Technical Regulations" shall apply accordingly.

The operation of Class 3R, 3B or 4 laser installations is subject to the consent of Messe Düsseldorf. To this end, the following information shall be submitted by no later than 4 weeks prior to the start of the event:

- Technical data on the lasers used
- Classification according to DIN EN 60825-1, based on the accessible radiation emitted by the laser installation as a ready-to-use product (becoming effective to the outside)
- Description of operation conditions (type, extent and duration of operation)
- Description of the installation site
- Representation of the laser areas and type of labelling
- Description of the risks to be expected
- Description of the technical and organisational protective measures
- Title and certificate of competence of the laser protection officer

For Class 3R, 3B or 4 laser installations compliance with the exposure thresholds for all foreseen effects at the respective installation site shall be proven by a safety inspection carried out by an independent skilled person. Inspection by a laser protection officer is not sufficient. The representatives of Messe Düsseldorf shall be given the opportunity to witness the approval inspection. To this end the inspector's name and contact details as well as the time of inspection shall be submitted in good time. The inspection result shall be documented. The laser installation may only be commissioned after successful and fault-free inspection.

5.9.4 High frequency and other radio equipment, wireless transmissions

The installation and use of radio equipment (e.g. Wi-Fi and radio microphones) is not allowed. Should this be absolutely necessary for the operation of certain exhibits, an exception may be requested from Messe Düsseldorf. Messe Düsseldorf will check the application and approve the request where appropriate. Regardless of any permission that may be given by Messe Düsseldorf, high-frequency and radio equipment may only be operated if it meets the provisions of the German Telecommunications Act (TKG) of 30 June 2021, Federal Law Gazette I (BGBl I, page 1858) and the German Electromagnetic Compatibility Act (EMVG) of 14 December 2016 Federal Law Gazette I (BGBl I, page 2879), each as amended Personal paging, microport, intercom and remote control systems may only be used if they have been approved by the Federal Network Agency for Electricity, Gas, Telecommunications, Post and Railway (Bundesnetzagentur für Elektrizität, Gas, Telekommunikation, Post und Eisenbahnen, Tulpenfeld 4, 53113 Bonn – see also 8.22). Further details can also be found in the German Radio and Telecommunications Terminal Equipment Act (FTEG) of 31 January 2001, Federal Law Gazette I (BGBl I, page 170). It is the exhibitor's responsibility to obtain the aforementioned permit from the German Federal Network Agency (Bundesnetzagentur), which must be submitted to Messe Düsseldorf upon request.

5.12 Drinks dispensing systems

For the installation and operation of drinks dispensing systems on the stand, the industrial safety ordinance dated 27 September 2002, Federal Law Gazette I, p. 3777 and the food hygiene ordinance dated 5 August 1997, Federal Law Gazette I, p. 2008 as amended from time to time must be observed. DIN 6650-6 also applies.

5.13 Food supervision

When offering samples and selling food and beverages for consumption on site, the statutory provisions must be observed, in particular the Food Hygiene Regulation dated 5.8.1997, Federal Law Gazette I page 2008, as well as the Food Information Regulation (LMIV) and EU Regulation No. 1169/2011 of the European Parliament. Enquires can be addressed to the Municipal Public Order Office of the City of Düsseldorf, Food Monitoring Division, tel. +49 211 899-3381.

5.14 Goods subject to excise duty

Any goods subject to excise duty brought into the exhibition centre - and therefore into the Federal Republic of Germany (tax area) - must be registered. This also applies to withdrawals from a tax deferment procedure (such as tax stock, production operations). Those goods subject to excise duty include spirits (e.g. grappa, Cognac, whisky), intermediate products (such as sherry, dessert wine), sparkling wine (e.g. champagne), wine and coffee. A certificate relating to legal possession under tax law must be available on the stand for the duration of the trade fair. Otherwise customs may take confiscate the goods. Supplies from other EU member states may be cleared by the carriers resident at the exhibition centre. The trade fair customs office is also available to assist with any queries. This applies in particular to tobacco products. [The Spirits Monopoly Law of 8 April 1922, German Law Gazette I, Page 335 and 405](#); the Law relating to the Taxation of Sparkling Wine and Intermediate Products dated [21 December 1992, Federal Law Gazette I Page 2150](#) and the Coffee Taxation Law dated [21 December 1992, Federal Law Gazette I page 2150](#), apply.

6.1.1.1 Packaging material

Under the Packaging Ordinance of [21 August 1998, BGBl I, p. 2379](#), manufacturers and distributors are liable to take back packaging, such as cartons, wrappings, cases, pallets, etc., or to make arrangements for their disposal. Exhibitors therefore have the option of using the empties storage service of the trade fair forwarding agents for their packaging materials that they will need again for dismantling. Corresponding orders can be placed in the Online Order System in the category "Logistics / Forwarding → Storage". Packaging material that exhibitors do not reuse can be recycled by service partners. Corresponding orders can be placed in the Online Order System in the category "Cleaning and Disposal → Waste Disposal".

5.12 Drinks dispensing systems

The legal provisions, in particular EU Regulation (EC) No. 852/2004 in its current version, must be observed for the installation and operation of beverage dispensing equipment on the stand. If you have any questions, please contact (Bezirksregierung Düsseldorf, Cecilienallee 2, 40474 Düsseldorf, telephone: +49 211 475-0, fax: +49 211 475-2671, e-mail: post-stelle@brd.nrw.de) is at your disposal.

5.13 Food supervision

When giving out food samples and selling food and drinks for consumption on the spot, the legal provisions, in particular EU Regulation (EC) No. 852/2004, as amended from time to time, must be observed. If you have any questions, please contact the (Düsseldorf District Government, Cecilienallee 2, 40474 Düsseldorf, telephone: +49 211 475-0, fax: +49 211 475-2671, e-mail: poststelle@brd.nrw.de).

5.14 Goods subject to excise duty

Any goods subject to excise duty brought into the exhibition centre - and therefore into the Federal Republic of Germany (tax area) - must be registered. This also applies to withdrawals from a tax deferment procedure (such as tax stock, production operations). Those goods subject to excise duty include spirits (e.g. grappa, Cognac, whisky), intermediate products (such as sherry, dessert wine), sparkling wine (e.g. champagne), wine and coffee. A certificate relating to legal possession under tax law must be available on the stand for the duration of the trade fair. Otherwise customs may take confiscate the goods. Supplies from other EU member states may be cleared by the carriers resident at the exhibition centre. The trade fair customs office is also available to assist with any queries. This applies in particular to tobacco products. [The legal provisions are the Alcohol Tax Act of 21.06.2013, BGBl I, page 1650, 1651](#); the Law relating to the Taxation of Sparkling Wine and Intermediate Products dated [15 July 2009, Federal Law Gazette I Page 1870, 1896](#) and the Coffee Taxation Law dated [15 July 2009, Federal Law Gazette I page 1870, 1919](#), apply.

6.1.1.1 Packaging material

[The Packaging Act dated 5 July 2017, BGBl. I, p. 2234](#) obliges manufacturers and distributors to take back packaging such as cardboard boxes, foils, crates, pallets, etc. or to recycle them. Exhibitors therefore have the option of using the empties storage service of the trade fair forwarding agents for their packaging materials that they will need again for dismantling. Corresponding orders can be placed in the Online Order System in the category "Logistics / Forwarding → Storage". Packaging material that exhibitors do not reuse can be recycled by service partners. Corresponding orders can be placed in the Online Order System in the category "Cleaning and Disposal → Waste Disposal".