



**MESSECENTER**  
RHEIN-MAIN

Robert-Bosch-Straße 5-7  
65719 Hofheim/Wallau

- Technical Regulations -



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## 1. Escape Routes

### 1.1 Emergency Operating Areas, Hydrants

The emergency access routes, marked with “no stopping” signs, the emergency access route around the building and the operating areas for the fire services must be kept clear at all times. Vehicles and objects parked on or blocking rescue routes and emergency operating areas shall be removed at the owner's expense and risk. Hydrants in the halls and open-air areas must not be covered, made unrecognisable or inaccessible. The exclusion areas reserved for the fire services are marked with white hatched lines.

### 1.2 Fire Exit Doors, Emergency Exits, Hall Aisles

Escape and rescue routes must be kept clear at all times. Doors along escape routes must be able to be opened from the inside, both fully and without hindrance.

Escape routes, emergency exits, exit doors and their signage must not be obstructed, boxed in, blocked, covered or made unrecognisable. The escape routes in the halls must not be obstructed at any time by objects either placed in or projecting into them. In the case of contraventions, the organiser is permitted to rectify the problem at the owner's expense and risk. Irrespective of the width of the hall aisle and the deposited objects, a passageway with a width of at least 1.2m must be observed at all times. That is with the exception of the areas in front of the emergency exits and where the hall aisles cross, all of which must remain clear at all times. The hall aisles may not be used for the erection of assembly stations or machines [e.g. woodworking machines, workbenches]. The organiser may order all hall aisles to be vacated immediately, also for logistical reasons.

### 1.3 Safety Installations

Sprinkler systems, fire alarms, fire extinguishers, smoke detectors, closing mechanisms on the hall doors and other safety devices, their signs and the green emergency exit signs must be accessible and visible at all times; they must not be blocked or enclosed in any way.

## 2. Stand Construction Regulations

### 2.1 Stand Safety

Exhibition stands, including furnishings and exhibits as well as advertising media, must be erected in such a stable manner that public safety and order, and especially life and health, are not put at risk. The exhibitor is responsible for structural safety and, where necessary, must provide corresponding verifications. Standing structural elements or special constructions (e.g. free-standing walls, high exhibits, high decorative elements) which may tip over must be dimensioned for a horizontal equivalent distribution load (qh):

- $qh1 = 0.125 \text{ kN/m}^2$  up to 4 m in height from the upper edge of the floor
- $qh2 = 0.063 \text{ kN/m}^2$  for all areas over 4m in height from the upper edge of the floor.

The organiser can request to see the verifications provided for this purpose at any time. Deviations are possible only where justified, in which case more precise verification must be provided.

The organiser shall have the stand inspected by a structural engineer on site and for a fee to check the stability of the stand.

### 2.2 Changes to Non-Compliant Constructions

Stand constructions that are not approved, do not comply with the technical guidelines, are in violation of the law and/or regulations or fail to comply with the state of the art must be modified or removed if necessary. In the event that a stand is not completed on time, the organiser is entitled to make any necessary changes at the exhibitor's expense and risk.

### 2.3 Fire and Safety Regulations

In general, easily flammable or toxic gases, gases producing burning droplets or materials that generate a lot of smoke such as most thermoplastics, including polystyrene (styrofoam), should not be used in the construction of the stand.

In individual cases, special requirements may be imposed on load-bearing structural parts for safety reasons (plastic cable ties are not permitted). Structurally necessary or load-bearing fasteners must be made from non-combustible materials. All stand construction and decoration materials must be classified at least as B1 in accordance with DIN 4102, or at least as B/C s1 d0 in accordance with EN 13501-1, i.e. they must be flame-retardant and must not generate burning droplets or toxic gases.

Bamboo, reed, hay, straw, mulch, peat or similar materials do not generally meet the above requirements and are not permitted as decorative materials in any of the Messecenter Rhein-Main rooms. Foliage and conifers may only be used if they have a moist root ball.

For extra protection, all heat-emitting electrical appliances (hotplates, spotlights, transformers etc.) must be mounted on non-combustible, heat-resistant, asbestos-free bases. Depending on the amount of heat generated by an appliance, a sufficiently large distance must be maintained from any combustible materials. Lighting fixtures must not be attached to flammable decorations or similar.



## 2.4 Bins for Rubbish, Recyclable Materials and Residual Waste

Bins provided at the stands for recyclable and residual waste must not be made of flammable materials. All bins must be emptied regularly, and at the latest, every evening after closing. If larger quantities of combustible waste accumulate, they must be disposed of several times a day. Emptying of the bins shall be commissioned by the exhibitor or the organiser.

## 2.5 Glass and Acrylic Glass

Only safety glass suitable for the intended use may be used.

For constructions made of glass (in floors, railings, façades and ceilings), please contact the Event Engineering and Exhibition Construction Department. Edges of glass panes must be worked or protected in such a way that there is no risk of injury. All-glass components must be marked at eye level.

## 2.6 Suspensions from the Hall Ceiling

Suspensions are only possible where the structural conditions on the relevant technical equipment allow. The feasibility of technical implementation must, therefore, always be checked in advance by our **technical partner Kyritz Showtechnik GmbH**. **NOTE:** Hanging points may only be attached by our technical partner Kyritz Showtechnik GmbH! The max. transfer height is 4.1m, with 80kg max. load on the DSH-60 wire rope holder. Hanging points are only possible on the upper level of the Messecenter Rhein-Main.

### 2.6.1 Lifting Tackle, Carabiners, Safety Ropes, Traverse Rails, Fasteners (Cable Ties)

The use of plastic cable ties to fix statically loaded parts is not permitted. Only approved fasteners such as high-strength shackles and screw carabiners may be used for both connecting and securing purposes (safety devices in compliance with DGUV 17/18). Approved fasteners must be used for structurally necessary fastenings. Fitters must provide proof of expertise (expert for lifting tackle) on request. The dimensioning must meet the expected requirements. Proof of the dimensioning must be provided. The DGUV i 215-313 is used as the basis for assessing the dimensions.

### 3. General Regulations

Exhibitors are responsible for operational safety and compliance with the occupational safety and accident prevention regulations at their stands.

Assembly and dismantling work may only be carried out in compliance with the regulations stipulated under labour and trade law.

#### 3.1 Electrical Installations

Electrical installation work in the building is carried out by the organiser to order. As far as the exhibition stands or event-related mobile power supplies are concerned, installations can be carried out by the exhibitor's own electrical specialists or by approved specialist companies in accordance with VDE regulations, regulations applicable in Europe as well as state of the art.

Furthermore, only cables such as Type H07 RNF with a minimum cross-section of 1.5 mm<sup>2</sup> Cu may be used.

Bare electrical conductors and terminals are not permitted in low voltage systems. The secondary cables must be protected against short circuits and overloads. Flexible cables (including flat cables) must not be laid under floor coverings without protection against mechanical loads. The organiser accepts no liability for any damage caused by improper use of the electrical services by the lessee/ exhibitor.

**Mobile electrical installations must be protected with suitable and correctly dimensioned feeder and residual current circuit breakers.**

### 4. Product Safety

All technical equipment and consumer products on display must meet the requirements of the Product Safety Act (ProdSG). Technical equipment and consumer products that do not comply with these requirements must be displayed with a clearly visible sign, indicating that they do not conform to the above mentioned Act and can only be acquired once the legal requirements have been met. For technical equipment and consumer products bearing the CE mark, the manufacturer's declaration of conformity must be available at the stand. During demonstrations, all necessary precautions must be taken by the stand personnel to ensure onlookers are safe and protected.

#### 4.1 Safety Devices

Machine and parts may only be put into operation with all safeguards in place. The normal safety devices can be replaced by a safety cover made of organic glass or a similar transparent material. If equipment is not put into operation, the protective devices may be removed to enable visitors to see the design and construction of the covered parts. The safety devices must remain positioned in full view next to the machine.

#### 4.2 Operating Ban

The organiser is entitled to prohibit the operation of machines, apparatus and equipment at any time if, in the organiser's opinion, there is a risk to people and/or property.

#### 4.3 Compressed and Liquid Gases

The storage and use of compressed and/or liquid gas in the exhibition halls and on the entire Messecenter Rhein-Main site is strictly prohibited.



## **4.4 Flammable Liquids**

### **4.4.1 Storage and Use**

The storage and use of flammable liquids (see Regulation on Flammable Liquids German Civil Code – BGBI 1) is only permitted with the organiser's written consent. Permission to store and use flammable liquids can only be granted for the operation or demonstration of exhibits. For operational and demonstration purposes, no more than the daily requirement of combustible liquids may be held in reserve at the stand. The amount required shall be specified in the application.

### **4.4.2 Storage Containers**

The daily requirement must be stored in closed, unbreakable containers in a clearly arranged manner. It must be protected from access by unauthorised persons. The storage containers are to be kept in non-combustible collecting containers.

### **4.4.3 Storage Location**

Smoking is absolutely prohibited at the storage location. Appropriate signage must be provided. Suitable hand fire extinguishers must be available. All costs resulting from an infringement will be charged to the person responsible.

### **4.4.4 Operating Restrictions**

Installations that are operated or demonstrated with flammable liquids must have non-flammable collecting containers at the filling ports and at any points where liquids may leak. Leaked flammable liquids must be removed from the containers immediately due to the possible risk of fire or explosion and must be disposed of hazard-free.