

# SAFETY REGULATIONS

## 1. SAFETY RULES ON THE PREVENTION OF FIRE AND PANIC

The exhibitor must comply with the safety rules on the prevention of fire and panic in establishments open to the public fixed by the 25 June 1980 order (general provisions).

The 18 November 1987 order defines the particular provisions applicable to exhibition Halls.

The text below is made up of aspects from this legislation and is designed to facilitate understanding.

During the build-up period, the Security Manager will ensure that the security measures reiterated below are applied.

Further information regarding fire safety is available from:

### **Cabinet RAILLARD**

10 rue Frédéric Passy 92200 Neuilly sur seine

Tel: +33 (0)6 07 91 37 72

E-mail : cabinet.raillard@icloud.com

## 2. ACCESSIBILITY FOR PERSONS OF REDUCES MOBILITY (PRM)

The exhibitor must comply with French regulations and with the accessibility order.

All premises and facilities open to the public must allow access to the disabled and to people with reduced mobility. Applied to the show, this means that:

- Ramps must comply with legal requirements. A slope of less than 4 % or 5% up to 10,00 m, or 8% up to 2,00 m, or 10% up to 0.50 m
- The slope must include a level landing at the top and bottom of each ramp run.

- All internal routes and exit signs must contrast visually with the surrounding environment.

- People with reduced mobility could use the registration banks (H maximum of 0.80 m, empty of 30 cm allowing the passage of the knees 0.70 m height).

- The elevated stands must be accessible to people with reduced mobility.

- If the first floor received more than 50 persons or if the activity on the first floor is not proposed on the ground floor, one of staircases must comply with the accessibility order (see the file attached)

## 3. FIRE REGULATIONS AS THEY RELATE TO THE FITTING OUT OF STANDS

### 3.1 - Materials, rating requirements

#### 3.1.1. General information

All materials used must have a specific fire rating (French class or Euroclass).

#### 3.1.2. Requirements

- Stand structure and partitions with M3 or D minimum rating (European classification system).

- Large furniture items (cash till, counter, display unit, separator screens, etc.) with M3 or D minimum rating.

- Wall coverings (natural or plastic materials) with M2 or C minimum rating.
- Curtains, hangings or loose voiles with M2 or C minimum rating.
- Firmly fixed floor coverings with M4 or D minimum rating.
- Draped decorative or stand-dressing items (advertising panels if surface area >0.5m<sup>2</sup>, string decorations, small decorative objects etc.) with M1 or B minimum rating.
- Full canopies with M2 or C minimum rating.
- Ceilings and false ceilings with M1 or B minimum rating.
- Mesh canopies must be CNPP (French test laboratory) certified.

#### 3.1.3. Equivalence

- Non resinous solid wood: if thickness > 14 mm, rated M3 or D.
- Resinous solid wood: if thickness > 18 mm, rated M3 or D.
- Wood-based panels (plywood, boarding, particleboard and fibreboard): if thickness > 18 mm, rated M3 or D.

**ATTENTION: Have the fire resistance test reports for materials used available on each stand. Failing this, have the equivalent fireproofing certificates available on each stand.**

### 3.2. Construction and fit-out rules

#### 3.2.1. Prohibited

- Curtains, hangings and voiles in front of exits.
- Paints and varnishes classified as flammable (for example nitrocellulose or glycerophthalic paint).
- The use of signs or advertising panels which features white letters on a green background.
- Stands with several raised levels.
- Covered upper levels (ceiling, false ceiling)

#### 3.2.2. Covered stands (ceiling, canopy, raised level)

- Area < 300sq.m.
- 4m between stands.
- If area >50sq.m:
- Appropriate extinguishers.
- One security guard holding the "SSIAP1" qualification present.
- Equipped with autonomous unit security lighting. This security lighting must be put on standby when the normal lighting is intentionally switched off.
- Canopies, if used, must be attached securely and supported by a network of perpendicular wires (minimum mesh 1sq.m).

#### 3.2.3. Closed stands or rooms

- Send dossier to RAILLARD to obtain their opinion and approval.
- Number and width of exits:
- If area < 20sq.m: 1 of 0.90m.
- 20sq.m ≤ area < 50sq.m: 1 x 0.90m and 1 x 0.60m.
- 50sq.m ≤ area < 100sq.m: 2 x 0.90m or 1 x 1.40m and 1 x 0.60m.
- 100sq.m ≤ area < 200sq.m: 1 x 1.40 m and 1 x 0.90 m or 3 x 0.90m.

# SAFETY REGULATIONS

- 200sq.m ≤ area < 300sq.m: 2 x 1.40m.
- Area > 300sq.m, contact RAILLARD
- Exits suitably spaced.
- Exits signed.

### 3.3. Fireproofing

Fireproofing can give materials, which are normally fairly or easily flammable M2 or C rating qualities. Spraying, applying with a paintbrush or soaking the material can carry out fireproofing. To obtain certified applicators' contact details, contact:

#### Groupement Technique Français de l'Ignifugation

10, Rue du Débarcadère - 75017 PARIS

Tel.: +33 (0)1 40 55 13 13

### 3.4. Fire certificates

Exhibitors must hold fire resistance test certificates for floor and wall coverings and materials used, or failing this hold equivalent fireproofing certificates on the stand. It is in the exhibitors' interest to obtain these floor and wall coverings and materials from specialised suppliers or shops, which will avoid the issues associated with on-site fireproofing (the salts used attack metals and the fireproofing is only valid for 3 months).

Contact:

#### Groupement NON FEU

37-39, rue de Neuilly BP 121 - 92113 Clichy Cedex

Tel. : +33 (0)1 47 56 30 80

## 4 - ELECTRICITY

### 4.1. Exhibitors' general obligations

Exhibitors must ensure that the following regulations are applied:

- only fixed wiring may be used for electrical systems,
- cables and wires must be Category C2,
- conduits and wire mouldings used for cable troughs, wire ways and cable ducts must be made of flame-retarding material, in compliance with European standards,
- all electrical apparatus, cables and conduits must be earthed,
- if class 0 equipment is to be powered up (exceptionally), it must be equipped with a residual current (maximum 30 mA) differential switch or safety device,
- class I equipment must be connected to the earth wire of the main supply line,
- the use of individual ground plates is forbidden.

### 4.2. Electrical equipment cabinets and boxes. Must comply with legislation, namely:

- must have a metal casing,
- must not be accessible to the public,
- must be easily accessible to staff and emergency services,

- must be located a safe distance from all flammable and combustible materials.

### IMPORTANT: if total power rating > 100 kVA:

- cabinets and boxes are to be installed in closed premises reserved exclusively for this purpose,
- the premises must be clearly indicated,
- a dry chemical or CO2 extinguisher must be available on the premises,
- partitions must have an M3 fire rating,
- the premises must not be located under a mezzanine that is accessible to the public.

### 4.3. Halogen lamps (EN 60 698 standard). Stand lighting that includes halogen lamps must:

- be a minimum of 2.25 metres from the ground,
- be located a safe distance from all flammable materials (at least 0.50 metres from wood and other decorative material),
- be well secured,
- be fitted with safety glass or fine mesh wire, providing protection against the consequences of a bulb blowing.

### 4.4. High voltage neon signs.

- must be protected by a screen made of material with an M3 fire rating,
- the power switch must be clearly marked,
- transformers must not be within reach,
- a sign marked "Danger: high voltage" should be visible nearby.

## 5 - MACHINERY

### 5.1. Operational equipment and machinery for demonstration. Must comply with the following rules:

- the Organizer must receive a list of all equipment and machinery that is to be operational at the Show, at least 30 days before the Show begins (see form in annexe),
- such equipment must not present any risks to public safety,
- stationary equipment or machinery (whether or not operational):
  - any dangerous parts must be more than 1 metre from the public thoroughfare or protected by a rigid screen,
  - dangerous parts: moving parts, hot surfaces, blades and sharp objects;
- moving equipment or machinery:
  - must be presented in a protected area where members of the public are kept at a distance of at least one metre from the equipment itself;
- hydraulic jacks presented in a raised static position:
  - the equipment's hydraulic safety mechanisms must be supplemented by a mechanical safety device preventing any untimely activation;
- all equipment must be properly stabilized.

# SAFETY REGULATIONS

## 7 - SPECIAL EFFECTS (address to Cabinet RAILLARD)

If technical installations are set up at the stand in order to create special effects ("smoke machine", "effects using carbon dioxide" and "lasers" equipment), they must conform to the technical instructions on using particular installations (French Decree of 11 December 2009, JORF of 16 March 2010).

- Furthermore, the presence of automatic smoke detectors in some Halls or pavilions imposes restrictions on using this type of technical installation.
- These installations must, 30 days before the Show opens, be declared or a request to authorise their use (laser) must be made to the competent administrative authority (contact RAILLARD).

**IMPORTANT:** the machines or the appliances comprising of the lasers with protections (cutting, reading, measurement ...), which are operational at the show, are authorized by the Departmental Safety Commission at the Prefecture. But the Organizer must receive a list of this equipment and machinery, at least 30 days before the Show begins.

## 8 - PROHIBITED EQUIPMENT, PRODUCTS, GASES

**The following are prohibited at the Show:**

- distribution of samples or products containing an inflammable gas,
- balloons inflated with a flammable or toxic gas,
- articles made of celluloid,
- the presence of pyrotechnic or explosives devices,
- the presence of ethyl oxide, carbon sulphide, sulphuric ether and acetone,
- the use of acetylene, oxygen, hydrogen or equivalent high-risk gases (note : a request for dispensation can be submitted to the French authorities. Apply through RAILLARD, two months before the exhibition opens)
- pyrotechnic effects devices producing detonations, sparks or flames.

## 9 - FLAMMABLE LIQUIDS

The use of flammable liquids is limited to the following quantities per stand:

- 10 litres of category 2 flammable liquids per 10 sq.m of exhibition space, up to a maximum of 80 litres,
- 5 litres of category 1 flammable liquids

## 10 - SAFETY FACILITIES

Safety facilities must remain constantly visible. Access to the various safety facilities (fire hydrants and stand pipes, fire plugs with hose and spout, telephones, extinguishers, controls for smoke evacuation openings etc.) must constantly remain free. Fire plug with hose and spout On stands equipped with a fire plug with hose and spout, an open area of one metre around the appliance must be left free of any material as far as the public aisle. Panels or cloth hangings concealing the appliance are strictly prohibited.

## 11 - OPERATING INSTRUCTIONS

Leaving cartons, wood, straw, cardboard etc. on the exhibition areas, within stands and within open areas, is prohibited. Regular (daily) cleaning must be undertaken to rid the premises of dust and waste material of all kinds. All waste material and rubbish collected during cleaning and sweeping up must be removed each day, before the exhibition opens up to the public, and be taken outside the establishment.