

Fire safety rules

The exhibitor (or his representative) must be present upon inspection from the Safety Commission on **Tuesday 17th of October from 2pm**. The stand manager must be able to show upon request all certificates and statements for structural pieces (marquees, etc.) that require approval from the control office, and proof of fire-resistance ratings for the stand's construction and installation materials.

1. GENERAL GUIDELINES

Safety rules to prevent the risk of fire and panic in establishments open to the public are laid down in the following documents :

- Decree of 25 June 1980 amended (general guidelines),
- Decree of 18 November 1987 amended by decree of 3 February 2000 providing specific measures applicable to exhibition halls

This non-exhaustive document summarises these regulations.

The Safety Commission is extremely vigilant with respect to assembling stands (stability, construction and decoration materials, electrical installations, etc.) Observations made upon its inspection are immediately enforceable.

Installation of stands must be finished when the commission begins its inspection. The exhibitor (or representative) must be present at the stand and be able to provide statements for reaction to fire for all materials used. Non-compliance with this rule may lead to the removal of the materials in question or the stand being barred from opening to the public..

Special projects must be submitted for approval by the head of the exhibition's security. Plans and technical information must be submitted to the Organiser on July,7th 2023 at the latest.

During set-up, the head of security will monitor proper application of the security measures reiterated below. For information pertaining to fire safety, you may contact the head of security (Mr Hervé PIERRE) by phone on +33 (0)6 75 71 56 98 or by email at: herve@hervepierre.com

2. ORGANISING YOUR STAND

Fire classification of materials is subject to measures provided in the decree of 21 November 2002, French or European standards.

2.1. CORRESPONDENCES WITH EUROCLASSES

Classes according to NFEN 13501-1 (ABOVE GROUND)				Classes according to NF EN 13501-1 (ABOVE GROUND)			
A1	-	-	Incombustible	C	s1		M2
A2	s1	d0	M0		s2	d0	
A2	s1	d1	M1		s3	d1	
A2	s2	d0	M1	D	s1		M3
	s3	d1			s2	d0	M4
B	s1				s3	d1	drip-free
	s2	d0		E-d2 à F		M4	
	s3	d1		SOL			
C	s1		M2	Bfl		M4	
	s2	d0			s1		
	s3	d1			s2		

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2.2. STAND FRAMEWORKS AND PARTITIONING - LARGE FURNITURE UNITS

For construction of stand frameworks and partitioning and for construction of large furniture units (crates, counters, display shelves, separator screens, etc.), all M0, M1, M2 or M3 (1) materials are permitted.

CONVENTIONAL CLASSIFICATION OF WOOD-BASED MATERIALS (Decree of 21 November 2002)

The following are deemed to correspond to the characteristics of M3 category materials:

- solid softwood with thickness equal to or above 14mm,
- resinous wood with thickness equal to or above 18mm,
- wood-based panels (plywood, slatted boards, wood fibre, particleboard) with thickness equal to or above 18mm.



WARNING : Placing any kind of construction above the aisles (structure, sign banners, gangways, etc.) is strictly prohibited.

2.3. COVERING MATERIALS

2.3.1. Wall coverings

Wall coverings (natural or plastic textiles) must be composed of M0, M1 or M2 (1) materials. They can be stretched across or held in place with staples. Various coverings (fabric, paper, plastic film) that is very thin (1mm maximum) may be used to be stuck directly onto props made from M0, M1, M2 or M3 materials.

In contrast, embossed and waffled paper may only be directly stuck onto M0 materials. Exposed materials may be displayed on stands with no fire reaction requirements. However, if these materials are used to decorate partitions or false ceilings, and if they account for over 20% of the total surface area of these elements, the measures laid down in the above paragraphs apply.

These measures do not apply, however, to rooms and stands dedicated to interior design in which textiles and wall coverings are showcased. A water spray fire extinguisher must be set up in the stand in question.

2.3.2. Curtains - Hangings - Net curtains

Curtains, hangings and net curtains may be left loose if they are made of M0, M1 or M2 (1) materials. They are nevertheless forbidden from being hung on the stand's entrances and exits, but permitted on booth doors.

2.3.3. Paints and varnishes

Paints and varnishes are officially forbidden if they are known to be flammable (nitrocellulose or oil-based paints, for example).

2.3.4. Floor, podium, platform and terrace coverings

Floor coverings must be made from M4 materials and solidly fixed in place. Whether horizontal or not, coverings on podiums, platforms or terraces measuring over 0.30m in height and with a total surface area of over 20m² must be made from M3 materials. If their total surface area is equal to or less than 20m², these coverings may be made from M4 materials.



WARNING : For M3 or M4-classed carpeting on wood, please consider the way in which the carpet is laid. Reports on fire reaction must indicate: «Valid for tightened laying on all M3 props.

2.4. DECORATIVE ELEMENTS

2.4.1. Loose components

Loose decorative or cladding elements (billboards with a surface area of over 0.50m², garlands, light decorative items, etc.) must be made from M0 or M1 materials. It is strictly prohibited to use signs or billboards featuring white letters on a green background, as these colours are exclusively reserved for indicating exits and emergency exits..

2.4.2. Floral decorations

Use of floral decorations made from synthetic materials must be kept to a minimum: If not kept to a minimum, these decorations must be made from M2 materials. These measures do not apply to rooms and stands dedicated to floral activity

2.4.3. Furniture

No particular requirements are needed for everyday items of furniture (chairs, tables, desks, etc.) In contrast, filing cabinets, counters, shelving, etc. must be made from M3 materials (1)..

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2.5. AWNINGS - CEILINGS - FALSE CEILINGS

Stands with ceilings, false ceilings or full awnings must have a covered interior surface area of less than 300m². If the covered surface area measures over 50m², suitable extinguishing methods permanently monitored by at least one security guard must be planned for periods where the exhibition is open to the public.

2.5.1. Awnings

Awnings are permitted under the following conditions:

- in establishments protected by a network of automatic sprinkler extinguishing systems (2), awnings must be made from M0, M1 or M2 (1) materials,
- in establishments not protected by a network of automatic sprinkler extinguishing systems (2), awnings must be made from M0 or M1 materials.

They must also be fitted with an effective hanging system to protect them against potentially falling, and they must be supported by a network of crossed steel wires to form a lattice network of 1m² maximum.

In all cases, hanging and fixing ceilings and false ceilings must be carried out using category M0 materials. When insulation materials are placed in ceilings' and false ceilings' plenums, they must be made from M1 materials..

2.5.2. Ceilings and false ceilings

Ceilings and false ceilings must be made from M0 or M1 materials. However, 25% of the total surface area of these ceilings and false ceilings may be made from M2 materials. Lights and accessories are included in this percentage. If ceiling and false ceiling components feature openwork or latticework, they may be made from M2 materials when the total surface area is less than 50% of the total surface area of these ceilings and false ceilings..

2.6. FIRE PROTECTION

Guarantees of reaction to fire classification of materials used in the exhibition halls must be provided upon request to the head of security, in label, report or certificate form. Materials and coverings that satisfy security requirements are available to purchase from specialised stockists who must provide certificates bearing the material's classification. You can obtain a list of these stockists by writing to GROUPEMENT NON FEU, 37-39, rue de Neuilly, BP 249, 92113 CLICHY (Tel: +33 (0)1 47 56 30 81).

Fire protection may consider as being in the M2 category materials that in their usual state are averagely or easily flammable. Fire protection may be carried out by spraying on a special liquid, using a brush to apply a special paint or varnish, or by soaking materials in a wash. Fire protection work may be carried out by decorators, who must be able to provide all information concerning material processing, or by a certified applicator who must provide the exhibitor with a certificate for an approved design which features: the type, surface and colour of the processed covering, the product used, the date of the operation, and the operator's signature and stamp. Contact details for certified applicators may be obtained from the GROUPEMENT TECHNIQUE FRANCAIS DE L'IGNIFUGATION, 10, rue u Débarcadère, 75017 PARIS (Tel.: +33 (0)1 40 55 13 13)..

NOTA : Fire protection may not be carried out on wood panels or on natural fabrics or fabrics containing a high proportion of natural fibres. Fire protection is impossible on synthetic or plastic fabrics.



VERY IMPORTANT : Reports from countries other than France cannot be taken into consideration. Only reports issued from French-certified laboratories will be accepted.

(1) Or made so through fire protection.

(2) This is the case for all rooms equipped with a sprinkler type automatic extinguishing system.

PLEASE READ CAREFULLY

Everyone's safety is everyone's business

3. ELECTRICITY

3.1. ELECTRICAL INSTALLATIONS

Electrical installations for each stand must be protected at their starting points against overcurrent and earth fault. All metallic masses must be interconnected and linked to the grounding connections of the stand's electrical box. Electrical installations must be fixed inside the junction boxes. Power interruption devices must be permanently accessible to stand staff.

3.2. ELECTRICAL MATERIAL

3.2.1 Electric cables

Electric cables must be insulated for a minimum voltage of 500 volts, meaning that the use of H-03-VHH (scindex) cables in particular is prohibited. Only use cables where each conductor has its own protective conduit, with all conductors housed inside a single protective conduit.

3.2.2 Conductors

It is forbidden to use conductors with areas of less than 1.5mm².

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3.2.3 Electrical appliances

Class 0 (1) electrical appliances must be protected by devices with a nominal differential current equal to 30MA at the very most.

Class I (1) electrical appliances must be connected to the protective conductor of the channel that feeds them. Among the class II (1) electrical appliances, those bearing a sign are advised..

3.2.4 Multi-outlets

The only multiple adaptors or electrical boxes authorised are those with a fixed base (multi-outlet mould block).

3.2.5 Halogen lamps (EN 60 598 standard)

Stand lighting that includes halogen lamps must::

- be placed at a minimum height of 2.25m,
- be kept at a distance from all flammable materials (at least 0.50m from wood and other decorative materials),
- be solidly fitted in places.
- be equipped with a security screen (glass or fine latticed grills) that ensure protection against the effects of the lamp potentially exploding

3.2.6 High-voltage illuminated signs

High voltage illuminated signs located within the public's reach or the reach of staff working on the stand must be protected, and in particular its electrodes must be protected, via a screen made from M3 materials at the very least. Cut-off controls must be indicated, and transformers placed in one spot must not represent a potential danger to the public and staff. You may want to indicate their presence by using a «Danger - High Voltage» sign.

(1) As defined by standard NF c 20-030.

4. EQUIPED ROOMS IN THE HALLS

As well as areas reserved for exhibitors, meeting rooms, restaurants, cinemas, presentation rooms with platforms and rows of seats, etc. may also be set up.

Terraces and stands with standing space must have floor resistance of 600 kilos per m2. Terraces and stands with seating must have floor resistance of 400 kilos per m2. Stairs leading up to the stand seats may have a minimum height of 0.10 metres and 0.20 maximum with a tread board measuring at least 0.20 metres. In this case, flights of stairs are limited to 10, and the edge of the steps must not be inclined any further than a 45° angle.

As each case is different, a detailed plan must be submitted to the head of security who will identify the measures to be applied..

5. COOKING AND HEATING IN THE HALLS

5.1. HEATING

As the safety commission forbids all gas heating systems within the rooms (in compliance with Article T27 and CH56 of ERP legislation and regulations), please be informed that only electric heating (extra heating units, heated umbrellas, etc.) are permitted.

5.2. COOKING

According to the Parc des Expositions de Rennes specifications, all cooking installations are forbidden inside the rooms and temporary structures designed to host members of the public.

Only devices designed to keep food warm such as hot water vats, infra-red lamps and microwaves with a unit power equal to or under 3.5KW and installed as self-service units will be permitted.

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6. EMERGENCY MEASURES

Emergency measures must be permanently visible. Access to the different emergency measures (fire hydrants and hoses, protected fire extinguishers, phone boxes, extinguishers, smoke extraction hatch controls, etc.) must be kept permanently clear.

With regards to stands fitted with a protected fire extinguisher, an aisle of one metre to the right-hand side of the device must be left clear of any equipment until the public aisle is reached. Any boards or fabrics for concealing the device are strictly prohibited.

7. OPERATIONAL INSTRUCTIONS

It is forbidden to dump crates, wood, straw, cardboard, etc. in the exhibition areas, stands and cleared passageways. Frequent (daily) cleaning must be carried out to clear the premises of any dust or waste of any kind. All waste and refuse resulting from cleaning and sweeping must be removed every day before the exhibition opens to the public, and must be removed from the hall.

8. DISABILITY ACCESSIBILITY

8.1. RECEPTION DESKS, BARS AND BUFFETS

They will be fitted with a user-friendly block of less than 0.80m with empty space in the lower section of at least 0.30m in depth, 0.60m in width and 0.70m in height, allowing an individual in a wheelchair to fit legs and feet inside.

8.2. RAISED PLATFORM

Stands with a raised platform equal to or over 2cm high will be equipped with a device to enable disabled access. Raised platforms are to include wheelchair ramps in line with the following values :

- 5% over 10 metres,
- 8% over 2 metres,
- 10% over 0.50 metres
- 33% for a 4cm threshold.