



REGULATIONS ON TECHNICAL SERVICES FOR STANDS

5.1 Water and drainage services

Exhibitors who need to use water and drainage must disclose this in the participation application (for better placement distribution). Likewise, they must fill out the corresponding contracting form included in the Exhibitor Services Catalogue (www.servifira.com) and send it to Fira de Barcelona at least two (2) weeks before the build up starts.

There are water and drainage outlets in the halls: the thread pitch of the existing installation is ½” and the drainage duct is 40 mm. The connection of the water and drainage installation of the stand to the Fira de Barcelona fixed installation shall always be carried out by the Fira de Barcelona technical personnel. Pressure tubes with threading on both sides must be used for the ducts.

The water pressure in the Fira de Barcelona distribution ducts is supplied by the general water company, this pressure being four (4) bars. For apparatus that needs constant pressure, the use of regulators and, if applicable, devices that increase the pressure is recommended.

Fira de Barcelona will install a hose from the connection in the service chest to the point indicated by the exhibitor for connecting the installation to their stand. A shut-off valve will always be installed at the end of the hose. The water network from the connection point to the Fira de Barcelona fixed installation is the responsibility of the exhibitor, except when Fira de Barcelona has contracted the water installation of the stand.

In the case of requiring water or a drainage service at a point where there is no supply, the Fira de Barcelona technical service should be contacted through the event management team for the possibility of temporarily installing a water supply at the said point. This will be charged to the exhibitor.

Fira de Barcelona does not accept responsibility for the possible interruptions or irregularities in the distribution of general water by the company.

5.2 Compressed air services

The Gran Vía venue has a compressed air distribution network. The connection is made through the service chests.

The available pressure is seven (7) bars with an approximate flow of 1.000 l/m.

The connection to the installation will be made by means of a ½” ball valve with a thread-type connection or quick connection, with the first option recommended.

Fira de Barcelona has oil and water filters in its installations. However, the recommendation is for the exhibitor to have their own filtering equipment.



Likewise, the exhibitor must install an air dryer if they require specific humidity conditions.

To have the compressed air supply service, contracting must be carried out by completing the corresponding contracting form included in the Exhibitor Services Catalogue (www.servifira.com) and sending it to Fira de Barcelona at least two (2) weeks before the build up starts.

In the locations where Fira de Barcelona cannot provide exhibitors with this service, the use of compressors shall be authorized, following the revision and verification of the project, to those who require it, and charged to the exhibitor, taking into account the following regulations:

Compressors:

Compressors can be located inside the stand, provided that the appropriate sound insulation measures are adopted to prevent noises that bother other exhibitors. The maximum noise volume permitted cannot, under any circumstances, exceed three (3) dB above the background level.

Fira de Barcelona reserves the right to stop the operation of a compressor in the case of exceeding the indicated noise level.

The installation of the compressor must take into account the necessary precautionary measures in order to avoid the loss of oil or other fluids that may harm the event's image.

All air pressure installations with a maximum allowable pressure greater than 0.5 bars require an installation certificate. The said pressure shall be calculated by finding the result of the products with the maximum operating pressure (MOP) of the equipment comprising the installation (in bars) multiplied by the volume (in liters) of all units of pressure equipment permanently connected to the installation.

- An installation certificate without a project, for those installations with a result of $MOP \times V \leq 25,000$.
- An installation certificate with a project, for those installations with a result of $MOP \times V > 25,000$.

When using gasoline or gasoil compressors or compressors of any other fuel, these should also be located outside the hall of the exhibition area.

Bottles:

Only one reserve bottle of compressed air shall be permitted in order to continue providing the service inside the halls. The said bottle shall never exceed 200 Nm³ (category 1 according to ITC MIE-APQ-5).



In the case that the exhibitor requires a place to store additional bottles, they must contact the Fira de Barcelona technical service through the event management team to discuss this specific requirement.

In any case, there must always be compliance with the provisions of the current regulations on Pressure Equipment RD 2060/2008 and the regulations on Chemical Product Storage RD 379/2001 and applicable supplementary technical instructions.

5.3 Installation of air conditioning systems

All halls of the Fira de Barcelona venue have temperature control systems during both the winter and summer seasons, maintaining the proper temperature inside the halls, according to the current regulations on temperature control in spaces open to the public, and in accordance with the Regulations on Thermal Installations in Buildings (RITE) and the amendments contained in RD 1826/2009.

In the case that the use of individual air conditioning units is strictly necessary, the reasons, location and type of individual temperature control systems proposed for their authorization, as well as the expected periods of use, shall be communicated in advance to the Fira de Barcelona technical service through the event management team.

Only the installation of equipment with condensation circuits that are air-cooled shall be permitted. The installation of equipment that uses water or another type of coolant in an open circuit is not allowed. The operation of evaporator cooler equipment that uses water and does not comply with the provisions of RD 865/2003 is not permitted either.

As a general rule, the return air of this equipment cannot be expelled inside the hall nor into the adjacent exhibition areas, and the return air must be guided to an area outside the hall through the proper ducts. To do so, the technical viability study for the location and securing of these ducts must be requested from the Fira de Barcelona technical services through the event management team. In terms of the technical viability of the project, the costs of carrying out the authorized installation shall be charged to the exhibitor.

Fira de Barcelona reserves the right to stop the operation of equipment if it creates unacceptable disturbances for other exhibitors or for the event in general.

5.4 Gas installations and elements that generate combustion or inflammable gases

The emission of vapors, inflammable gases or toxic gases that may be a health hazard or bothersome to the attending public or other exhibitors is not permitted.



The gases and vapors generated by the fuel must be evacuated to an outside area through the ducts provided for the said purpose. To do so, the technical viability studies for the location and securing of these ducts must be requested from Fira de Barcelona. In terms of the technical viability of the project, the costs of carrying out the authorized installation shall be charged to the exhibitor.

In any case, there must be compliance with the provisions of the technical regulation on the distribution and use of gaseous fuels RD 919/2006 and its supplementary technical instructions IG01 to 11.

With regard to generating odors that may bother the rest of the exhibition area, a hood with filters suitable for absorbing the said odors must be installed.

If there is a need to use domestic gas, the installation and the gas supply must be legalized by a company authorized for the said purpose, delivering the corresponding report to the Fira de Barcelona hall manager.

5.5. Welding equipment and hot work

For safety reasons, cutting and welding work cannot be carried out without the prior corresponding authorization of Fira de Barcelona. The work area must be examined and approved by the Fira de Barcelona manager present at the hall before signing the corresponding authorization.

This type of work shall not be authorized in the following cases:

1. In the presence of carpeting, wood, paper or any other inflammable material.
2. In areas or equipment that have not been especially conditioned.
3. With cutting and welding equipment that is not in a good state of use.
4. By unqualified people.

Conditions for the authorization of cutting and welding work:

1. All potential risks of fire or explosion, such as combustible materials, paints, oils, fats, solvents and compressed gases, must be removed from a radius of twenty (20) meters.
2. There shall be an operational extinguisher that will be placed 2 meters from the work.
3. The work area shall be protected with fire-resistant elements (safety screens).
4. In the case of electric welding, the machines must have their respective ground line.
5. The areas of electric-arc welding must be visually isolated from the rest of the work environment.
6. In the case of oxy-fuel equipment, the bottles must be secured to their corresponding cart by means of metal chains or clasps. Each portable cart with welding equipment must be equipped with a 6 kg ABC powder extinguisher.
7. Sixty (60) minutes after completing the work, the area must be examined by an authorized person.



8. Personal protective equipment suitable for the work to be carried out:

- a. A safety helmet
- b. Glasses or facial screens, with filter glass, that protect from the violent projection of particles and radiation from welding.
- c. Protective elements for hands, arms, legs and the body against heat and mechanical risks.
- d. Safety footwear.
- e. Cotton work clothing (flame-resistant and fitted).
- f. In poorly vented areas, the use of protective masks with filters for metal fumes.

5.6 Installation of antennas and radio signal transmitting and receiving stations

When it is necessary to install antennas or radio signal transmitting and receiving stations (television antennas, parabolic antennas, repeaters, broadcasters, walkie-talkie systems, GPS antennas, etc.), an installation project proposal must be submitted to Fira de Barcelona for its verification and approval. Once the project is approved, it must be legalized in the case that, given the nature thereof, it is so required and in accordance with the current regulations, and governed at all times by the provisions of RD123/2017.

Access to the spaces for carrying out the build up and break down of this equipment shall always be coordinated and led by the Fira de Barcelona technical personnel. All costs incurred by installing and legalizing the installation shall always be charged to the exhibitor.

5.7 Limitations to the build up of stands and adaptation of exhibition spaces

The walls and columns, as well as the set of technical installations of the halls, must not support any loads on their structure caused by decorations or the articles displayed.

Hall columns inside the stand can be cladded without damaging them and in accordance with the permitted height regulations, taking into account the fact that, in the case of connection boxes, these boxes can always be registered. In the case of cladding or decorating columns with fire equipment, extinguishers, fire alarm call points, signage or any other informational element of the venue, they must always be visible and accessible. They cannot be manipulated or broken down.

All connection service chests located on the floors of the halls shall always be registered and must be easily accessible at all times. The design of the stand can never obstruct access to any of the service chests.

The surface of the exhibition spaces, both inside the halls and outdoors, shall solely be carried out by placing a platform or carpeting which must be removed by the exhibitor or decorator at the end of the event.



It is prohibited to drill holes, drive in screws or hammer nails into the walls, ceilings, floors or columns of the halls.

It is prohibited to carry out channeling, bracing or any other structural modifications to the interior of the halls or to the outer areas of the venue. Both the indoor and outdoor exhibition spaces must not be cladded with paint or glue.

It is prohibited to apply cement to the floor without the presence of an intermediate protective element authorized by Fira de Barcelona. Furthermore, it is prohibited to drive in nails using percussion tools or to paint using spray guns.

The Gran Vía venue has escalators, moving walkways and public elevators. This equipment cannot be used to transport, lift or move elements for constructing or decorating stands. For this purpose, during the periods of build up and break down, this equipment shall be temporarily kept out of use.

Any possible damage caused by exhibitors or their delegates to the walls, installations or other infrastructures of the Fira de Barcelona exhibition area shall be repaired by Fira de Barcelona and charged to the exhibitor.

Supporting construction elements or elements of any other type on the walls, columns or other fixed elements of the halls is prohibited. Proper protection must be used or a safe distance must be maintained between the construction materials and the hall parameters.