

Data Sheet

Works involving the risk of fire

1. General

This data sheet applies to all works involving the risk of fire, such as soldering, heat bonding, welding, flame cutting, cut-off grinding or similar methods on the grounds of Leipziger Messe.

These works pose a serious risk of fire due to:

- open welding flames (approx. 3200 °C),
- electric arcs (approx. 4000 °C),
- soldering flames (approx. 1800-2800 °C),
- weld, cutting and grinding sparks (approx. 1200 °C),
- dropping red hot metal (approx. 1200 °C),
- thermal conduction of very hot metal parts and hot gases.

A hazard assessment must be performed pursuant to the Workplace Safety Regulation and the Hazardous Substance Regulation.

Works involving the risk of fire may only be carried out by properly qualified persons who are over 18 years of age.

Prior to the commencement of the works, the written approval of Leipziger Messe must be obtained, fire watchers and fire guards must also be designated.

Works involving a risk of fire carried out during event hours (open to visitors) must be coordinated with the Leipzig fire department in advance.

2. Safety measures prior to the commencement of works

Remove all moveable flammable items and substances (including dust accumulations) from the risk area; this area may also extend to adjacent rooms. Set up gas bottles outside of the risk area.

Seal openings, grooves, gaps, feed-through and channels that lead from the risk area into other areas with non-flammable materials. Suitable materials include e.g. gypsum, mortar, loam or fire protection materials. Rags, paper or other flammable materials may not be used under any circumstance.

Cover immovable flammable items in the risk area with mineral fibre blankets and panels or similar materials.

Set up a fire watcher with a suitable fire extinguisher for the work location and surrounding environment. Suitable extinguishers include e.g. buckets filled with water, fire extinguishers and wall hydrants.

Inform the executing party and fire watcher about the location of the nearest fire alarm / telephone including phone numbers.

3. Safety measures during the works

You must always ensure that flames, sparks, melt droplets, hot gases and vapours or thermal conduction etc. never poses a risk or set fire to flammable items.

Building components that are at risk due to thermal conduction must be cooled with water.

The work location and rooms that are adjacent, above and below this location must be continuously monitored by the fire watcher for possible fire sources.

Suitable and functional extinguishing devices must be kept available.

In the case of fire, works must be discontinued immediately, the fire department and control centre must be informed and fire fighting activities must be commenced immediately.

4. Safety measures after completion of the works

Based on experience, many fires only break out several hours after the completion of works involving a risk of fire. Therefore multiple diligent inspections are required. To this end, the fire guard must carefully inspect the environment surrounding the work location, including neighbouring rooms, for smell of fire, suspicious heat formation, smouldering locations and fire pockets.

This inspection may have to be carried out for several hours at short intervals until it can be concluded with near certainty that a fire will not occur.