

# Factsheet

## Liquefied gas

In the event that liquefied gas is utilised, there are a number of regulations that must be complied with to ensure the safety of exhibitors and visitors.

In order to help you ensure the safe operation of devices using liquefied gas in your role as stand operator, we are providing you with some important information on the proper way to deal with liquefied gas, and on the applicable regulations.

- Devices using liquefied gas that have been put on the market since 1 January 1996 must bear a CE marking.
- Operating instructions for the liquefied gas installation must be compiled in a readily comprehensible form and language. These instructions must contain all of the information necessary for the secure operation of these devices, and they are to be kept at the place of operation.
- All persons who will be dealing with the liquefied gas installation are to be trained pursuant to these operating instructions. This training is to be given before the start of these activities and to be repeated at least once each year. The content and time of this training must be documented in writing.
- The liquefied gas installations are to be set up such that they are not accessible to the public (even after the close of business), or such that the safety and control facilities for the installations and the control units for the supply system are secured against third-party access (e.g. lockable cabinets for the gas cylinders).
- Inspections:  
The contractor must ensure that an expert inspects the liquefied gas installations as follows:
  - before they are commissioned for the first time
  - after any maintenance work that might impact the operational safety
  - after any modifications that might impact the operational safety
  - after the installations have been out of operation for more than one yearLiquefied gas installations with mobile supply systems must be subjected to recurring inspections by an expert at least once every two years. The results of these inspections are to be documented in an inspection certificate. The inspection certificates are to be kept at the place of operation and must be available for inspection at any time.
- The minimum distances to flammable materials specified by the manufacturer must be observed.
- Devices using liquefied gas can only be connected to hoses that are no longer than 0.4 m. Notwithstanding this provision, devices using liquefied gas can be connected to longer hoses when there are special operational reasons for doing so, as long as special safety measures are taken (e.g. hose burst protection) and the hose is kept as short as possible.
- When setting up the devices using liquefied gas and storing the gas cylinders, it is important to ensure that any gas that might leak cannot enter the utility ducts.
- The storage of compressed gas vessels (liquefied gas cylinders) in the exhibition hall is prohibited, as leaking gas could collect and create a potentially explosive atmosphere or render the emergency escape routes unusable.

**Please be sure to also refer to the Messe Frankfurt Technical Guidelines, in particular the following Items: 5.5, 5.6 and 5.7.**

You can download our Technical Guidelines from the Messe Frankfurt website:  
<https://www.messefrankfurt.com/frankfurt/en/services.html>

**Applicable regulations:**

- ArbSchutzG [Occupational Health and Safety Act]
- GSG [Equipment Safety Act]
- 7th GSGV [Gas-burning Appliances Regulation]
- ArbStättV [Workplace Ordinance] and ASR [Workplace Directive]
- DruckbehV [Pressure Vessels Regulations]
- TRG 280 [Technical Rules for Compressed Gases]
- TRG 1996 [Technical Rules for Liquefied Gases]
- BGV [Employers' Liability Association Regulations for Safety and Health at Work]
- Accident Prevention Regulation BGV D 34 [Use of Liquefied Gas]
- VVB [Regulation on the Prevention of Fires]