Safe flammable storage aboard cruise ships
In recent years ocean cruises are becoming increasingly popular. More and more vessels are being introduced and the sizes and passenger capacities are continuously on the rise.

On these floating cities greater quantities of flammable liquids and aerosols become necessary (spa areas and saunas, workshops etc.)

The central paint locker or category 14 areas are no longer sufficient and practical for daily used quantities and many unsafe local storage areas are springing up throughout the vessels.

Today the incorrect storage of flammable liquids is one of the Top 10 violations found during regular inspections on cruise ships.

The updated coast guard marine safety center guideline for the use of flammable liquid & gas storage cabinets describe how to safely store flammable liquids in areas other than category 14.

**Excerpt from the new MSC guideline:**

Spaces other than category 14 spaces do not typically have the protections (for example: classified electrical fittings, ventilation and insulation) required for storing flammable liquids. However, the practical utility of certain spaces may necessitate the storage of a small quantity of ready-use flammable liquid or gas. This would include materials used frequently during operation where it is impractical for crew to travel to a centralized category 14 store room each time the materials are needed.

In spaces where a limited supply of flammable liquids or gases is necessary for the practical utility of the space, it may be permissible to install an approved flammable liquid cabinet to stow small quantities of items for daily use.

Cabinets manufactured and approved to EN 14470-1, Type 60 or Type 90 are acceptable. Cabinets meeting NFPA 30 or UL 1275, only provide protection for 10 minutes and should only be used in category 11, 12 or 14 spaces.

Further information about the MSC guideline can be found on [https://www.dco.uscg.mil](https://www.dco.uscg.mil) or have a closer look at the official publication **MSC Guidelines for the Use of Flammable Liquid & Gas Storage Cabinets – SOLAS-05.**
Conclusion
Daily used quantities can now be stored outside cat 11, 12 or 14 in fire rated safety storage cabinets according to EN 14470-1 without violating safety protocols.
Fire rated safety storage cabinets manufactured and approved to EN 14470-1 and NFPA 30*

Highest safety level – easy handling

1. **90 Minutes fire resistance**
   to safely evacuate the passengers from the area and commence fire-fighting proceedings before the fire gets out of control

2. **Different interior equipment options**
   make it possible to choose for each individual application on board the suitable safety storage cabinet

3. **Protecting seals**
   avoid the exposure of vapors and protect contents from ignition sources

4. **Advanced ventilation system**
   ensures complete, uniform ventilation of the cabinet interior

5. **Secure cylinder lock**
   prevents unauthorized use

6. **Modern design**
   fits perfectly into the surrounding area

* Q-LINE safety storage cabinets

Made
in
Germany
asecos - your partner for safety

asecos take great pride in assisting to create new safety standards and ultimately reducing the number and severity of accidents, through the use of approved asecos products.

The best possible protection of humankind and the environment is our number one priority.

Driven by this desire, we developed the first cabinet with a certified 90-minute fire resistance for the storage of flammable liquids in 1994. What was a technical revolution in the industry at that time has now become the technical standard across Europe and is gaining more and more acceptance overseas.

Meeting minimum legal requirements, which were set many years ago, is just not good enough for us. Our mission is to create awareness about the necessity of upgrading the level of safety and make the cabinets fit for the challenges of the 21st century workplace.

THE WORLD THAT MOVES US REVOLVES AROUND STORING HAZARDOUS MATERIALS.

Proven safety you can rely on
The quality and safety of our products are recognized and certified by all leading institutes.

All fire resistant cabinets are type-tested according to EN-14470-1

GS certification (document EKS/AK4 09-10, GPSG) 50,000 wear-free openings and closings. Test specifications: All products with the GS mark correspond to the requirements of the regulations of the Equipment and Product Safety Act (§7 para. 1) regarding the safety and health of the workforce. Conformity in accordance with the requirements of EN 16121 and 16122 (EN 16121:2013+A1:2017)

Furthermore the Q-LINE cabinets meet the requirements of the NFPA Code 30, NFPA 1 Fire Code, OSHA

Selected models available with additional FM 6050 and UL 1275 approval
Fire rated safety storage cabinets according to the new MSC guidelines for the use of flammable liquid & gas storage cabinets

Safe storage of flammable liquids in spaces other than category 14

Underbench cabinet UB-T-90
Model UB90.060.059.T
in light grey (RAL 7035), with bottom collecting sump and perforated insert (sheet steel, plastic laminated), castors with plinth (H 1,18 inch/30 mm) optional

Underbench cabinet UB-T-90
Model UB90.080.110.060.2T
in light grey (RAL 7035), with shelf, bottom collecting sump and perforated insert (sheet steel, plastic laminated), castors with plinth (H 1,18 inch/30 mm) optional

Specifications

<table>
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<tr>
<th>Model No.</th>
<th>Size S</th>
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<th>Size M</th>
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<td>EN 14470-1 (Type 90) / GS-Mark</td>
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EN 14470-1 (Type 90) / CE
**Safety storage cabinet Q-CLASSIC-90**
*Model Q90.195.060*
with doors in warning yellow (RAL 1004), 3 shelves, perforated insert and bottom collecting sump (sheet steel plastic laminated), base cover optional

**Safety storage cabinet Q-CLASSIC-90**
*Model Q90.195.120*
with doors in warning yellow (RAL 1004), 3 shelves, perforated insert and bottom collecting sump (sheet steel plastic laminated), base cover optional

### Specifications

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Contact us for further information and to discuss your requirements in detail

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