

MSC Guidelines for the Use of Flammable Liquid & Gas Storage Cabinets outside of Category 11, 12, or 14 Spaces

Procedure Number: SOLAS-05

Revision Date: 10/22/2012

K. B. FERRIE, LCDR, Chief, Hull Division

References

- ❑ SOLAS 2004 Cite: II-2/9.2.2.3.2(11-14)
 - ❑ SOLAS 2001 Cite: II-2/26.2.2
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Contact Information

If you have any questions or comments concerning this document, please contact the Marine Safety Center by e-mail or phone. Please refer to Procedure Number: **SOLAS-05**.

E-Mail: msc@uscg.mil

Phone: (202) 475-3401

Reference Text

SOLAS II-2/9.2.2.3.2.2

(11) *Auxiliary machinery spaces, cargo spaces, cargo and other oil tanks and other similar spaces of moderate fire risk...* Auxiliary machinery spaces, as in category (10), which contain machinery having a pressure lubrication system or where storage of combustibles is permitted. ...

(12) Machinery spaces and main galleys

(13) *Store-rooms, workshops, pantries, etc. ...* Lockers and store-rooms having areas greater than 4 m², other than those spaces that have provisions for the storage of flammable liquids.

(14) Other spaces in which flammable liquids are stowed

Paint lockers.

Store-rooms containing flammable liquids (including dyes, medicines, etc.).

Laboratories (in which flammable liquids are stowed).

Guidance

In areas other than category 11, 12 or 14 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 locker to stow daily use quantities. At a minimum, these lockers should be manufactured and approved to a recognized standard, such as EN14470-1, Type 60, and suitable for the intended use as determined by the flag administration. When used, these lockers must be permanently mounted to the deck and provided with a dedicated means to suppress a fire. These lockers must also be indicated on the Fire Control Plan and be included in the ship's emergency plan and training program. The quantity and types of materials contained in these lockers must be consistent with the manufacturer's recommendations.

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Background

Spaces other than category 11, 12 or 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. Such materials include items used frequently during operation where it is impractical for crew to travel to a centralized category 14 store room each time the material is needed. As such, it may be permissible to store a small amount of these materials, not to exceed the amount anticipated to be used daily or during a work shift, as appropriate. Such storage should be in steel lockers provided with a means to safely contain and extinguish a fire involving these materials.

Disclaimer

This guidance is not a substitute for applicable legal requirements, nor is it itself a rule. It is not intended to nor does it impose legally-binding requirements on any party. It represents the Coast Guard's current thinking on this topic and may assist industry, mariners, the general public, and the Coast Guard, as well as other federal and state regulators, in applying statutory and regulatory requirements. You can use an alternative approach for complying with these requirements if the approach satisfies the requirements of the applicable statutes and regulations. If you want to discuss an alternative, you may contact The Marine Safety Center, who is responsible for implementing this guidance.