

Subject

Fire extinguishing arrangement for paint and flammable liquid lockers on Marshall Islands flagged vessels

ClassNK

Technical Information

No. TEC-1318
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To whom it may concern

The Government of the Republic of Marshall Islands has noticed ClassNK of the special requirements for fire extinguishing arrangement for paint and flammable liquid lockers on Marshall Islands flagged vessels ([Marine Notice No. 2-011-6 Rev. 2023](#)).

This Technical Information supersedes the previous ClassNK Technical Information No.TEC-0506 dated 10 March 2003.

Depending on the area of the deck, paint and flammable liquid lockers should be provided with the following fire extinguishing system or portable fire extinguisher.

1. Existing vessels with keel laid before 1 February 1992
 - (1) Lockers of 10m² or less in deck area – one portable fire extinguisher* should be located outside the entrance to the space.
 - (2) Lockers greater than 10m², but not greater than 20m² in deck area – two portable fire extinguishers* should be located outside the entrance to the space.
 - (3) Lockers greater than 20m² in deck area – a suitable fixed fire extinguishing system as given in below should be provided.
 - (i) CO₂ system, designed for at least 40% of the gross volume of the space
 - (ii) Dry powder system, designed for at least 0.5kg/m³ of the gross volume of the space
 - (iii) Water spraying system, designed for at least 5 liter/m² of deck area/min
2. Existing vessels with keel laid on or after 1 February 1992 and before 1 February 1998
 - (1) Lockers of 10m² or less in deck area – one portable fire extinguisher* should be located outside the entrance to the space.
 - (2) Lockers greater than 10m² in deck area – a suitable fixed fire extinguishing system as given in 1.(3) should be provided.
3. Existing vessels with keel laid on or after 1 February 1998 and before 1 July 2002
 - (1) Lockers of 4m² or less in deck area – one portable fire extinguisher* should be located outside the entrance to the space.
 - (2) Lockers greater than 4m² in deck area – a suitable fixed fire extinguishing system as given in 1.(3) should be provided.

(To be continued)

NOTES:

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4. Existing vessels with keel laid on or after 1 July 2002 and before 1 January 2009**
- (1) Lockers and storerooms (having a deck area of 4m² or more), mail and baggage rooms, specie rooms, workshops (not part of machinery spaces, galleys) - one portable fire extinguisher placed outside or near the entrance to that space may also be considered as part of the requirement for the space in which it is located.
 - (2) For other spaces in which flammable liquids are stowed the minimum number of extinguishers must be in accordance with SOLAS regulation II-2/10.6.3.

*Portable Fire Extinguisher means an extinguisher which is designed to be carried and operated by hand and which has a maximum fully charged weight of 23 kg. Refer to FSS Code, Chapter 4.

**For guidance on the number and arrangement of portable fire extinguishers, refer to IMO Circular MSC.1/Circ.1275, as corrected by MSC.1/Circ.1275/Corr.1, which may also be used for ships constructed before 1 January 2009.

For any questions about the above, please contact:

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