

Subject:

Regulation 18.7 of Chapter II-2
of SOLAS 1974 as amended

NK TECHNICAL INFORMATION

No. 108

Date: 28 October 1992

To: Shipowners and Shipbuilders concerned

Regulation 18.7 of Chapter II-2 of SOLAS 1974 as amended, which already entered into force on 1 February 1992, is requiring that paint lockers and flammable liquid lockers shall be protected by an appropriate fire-extinguishing arrangement approved by the Administration as we informed with our previous Technical Information No. 104 dated 31 January 1992.

In this connection, we would like to inform you of the requirements of each Administration as attached hereto.

The requirements of the Philippine Government has been changed as per attached, and the requirements for new ship will be informed upon receipt of their instructions.

If you have any questions, please do not hesitate to contact Equipment Department for new vessels or Survey Department for existing vessels.

Attachment: Requirements for paint lockers instructed by Flag Administration (No. 2)



Fire-extinguishing arrangements for paint lockers instructed by Flag Administration (No.2)
(As of 28th October, 1992)

Flag State	New Ship	Existing Ship
Bahamas	Fixed	Fixed (Grace period : until Next SE Survey)
Cyprus	Fixed	Fixed Grace period (Note #1)
Denmark	Fixed (Note #2)	Fixed (Note #2)
Greece	Fixed	Fixed (Grace period may be given on a case by case basis)
Hong Kong	Fixed	Fixed (Grace period : Not decided yet)
Japan	Portable	Portable
Liberia and Marshall Islands	- For lockers with Floor space of 10m² or less : One(1) portable fire extinguisher (15lb CO₂ or 10 lb Dry-chemical) - For Lockers with floor space of over 10m² : Fixed (Note #3)	- One(1) portable fire extinguisher(15 lb CO₂ or 10 lb Dry-chemical) for every 10m² of floor space - In case where the floor space is more than 20m² : Fixed Arrangement (Note #3)
Malta	Fixed	Fixed Grace period (Note #4)
Myanmar	Portable	Portable
Netherland	Fixed	Fixed
Panama	Portable	Portable
Philippine	Not finalized yet	- For Lockers with floor space of 20m² or less : One(1) portable fire extinguisher (15 lb CO₂ or 10 lb Dry-chemical)(Note #5) - For lockers with floor space of over 20m² and lockers for the ships of 20,000GT and over carrying flammable liquid cargoes e.g.oil tanker, chemical tanker and gas carriers, etc. : Fixed (Note #3) - Grace period (Note #6)
Singapore	Fixed	Fixed Grace period (Note #7)
Vanuatsu	Fixed	Fixed (Note #8)

Note #1 : Grace period will be considered by the Administration on a ship by ship basis.

Note #2 : One of the following systems is to be installed and the system is to be activated by temperature rising. The system can be locally controlled.

(1) CO₂ System

(2) Foam System

(3) Pressurized Water Spray System with a low pressure alarm

The protected spaces are to be provided with a smoke detecting system.

(This smoke detector is not required for the time being.)

Note #3 : One of the following arrangements is to be installed.

(1) CO₂ System : $0.4 \times V \div 0.56(\text{Kg})$ (V:Volume of paint lockers(m³))

(2) Dry-chemical System : $0.5 \times V (\text{Kg})$

(3) Water Spray System : $A \times 5\ell/\text{min}$ (A : Floor area of a paint locker (m²))

Note #4 : Grace period until next docking survey or safety equipment survey will be granted on a ship by ship basis providing a portable fire extinguisher.

Note #5 : For a locker from 10 to 20m² : One(1) portable fire extinguisher is to be provided outside the space and at least 2m away from an entrance to the space.

Note #6 : A fixed arrangement is to be installed until the next docking survey or next safety equipment renewal survey providing portable fire extinguishers.

Note #7 : Grace period until 1 July 1994 will be granted providing a portable fire extinguisher.

Note #8 : (1) Grace period until next drydocking will be granted on a case by case basis providing a portable fire extinguisher.

(2) In case where the floor space less than 10m² which is not contiguous with accommodation, machinery spaces of category A or gas damagerous spaces and floor space less than 4m², portable fire extinguisher may be accepted.

Remark : A portable fire extinguisher may be accepted in place of a fixed system, in case where the floor area is less than 4m².