

ClassNK PSC Bulletin

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Title:

Fixed Gas Fire-Extinguishing Systems

Typical deficiency (outline of comment) by PSC:

No means available for the crew to safely check the quantity of fire-extinguishing medium in the container

Port State

Country: China

Port: All ports in China

Action taken by PSC:

~~Detention~~ / Rectify before Departure / Others (Rectify within 2 weeks)

Description:

It has been often reported that Port state control in China often points out that no means is provided for the crew to safely check the quantity of CO2 fire-extinguishing medium on board.

The above is in accordance with FSS Code Chapter 5, 2.1.1.3 (previous SOLAS II-2/5.1.11*¹).

According to MSC/Circ.1120*², means for checking the quantity of medium in containers are described as follows:

- (1) A weighing device (hanging bars needs to be provided above each bottle row)
- (2) Suitable surface indicators

In this regard, all ships which have CO2 fire-extinguishing system must confirm that the manufacturer's instruction defines such means of checking the quantity and necessary devices are included in the spare parts list of the system. In case of no such means available onboard, it is requested to consult with the manufacturers of the CO2 fire-extinguishing system.

Masters must ensure that they are able to explain how to measure the quantity during PSC inspection.

* 1 : To be applied to ships constructed on or after 1 September 1984

* 2 : Unified Interpretations of SOLAS Chapter II-2, the FSS Code, The FTP Code and Related Fire Test Procedure



Example of (2) Thermo-tape Usage example of Thermo-tap
(Japanese manufacturer generally supplies this tape as spare at the time of delivery.)

-The End-