

Amendment on 26 December 2024
Resolved by Technical Committee on 23 July 2024

Spare Parts for Fixed Carbon Dioxide Fire-extinguishing Systems

Object of Amendment

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

SOLAS requires fixed carbon dioxide fire-extinguishing systems be one of the fixed fire-extinguishing systems provided for machinery spaces of category A and cargo spaces. In addition, Chapter 6 of FSS Code stipulates performance requirements for fixed carbon dioxide fire-extinguishing systems and further requires spare parts for such systems be available on board.

Although the requirements related to said spare parts have already been incorporated into the Part R of the Guidance, they have not been reviewed since originally incorporated in 1985. For this reason, NK decide to review the requirements to determine whether they were still applicable as is or in need of updating.

Accordingly, relevant requirements are amended based on this review.

Outline of Amendment

Amends requirements related to spare parts for fixed carbon dioxide fire-extinguishing systems.

Effective Date and Application

This amendment applies to the ships for which the date of contract for construction is on or after 26 December 2024

ID:DX24-01

Amended-Original Requirements Comparison Table (Definition of “Spare parts for fixed carbon dioxide fire-extinguishing systems”)

Amended	Original	Remarks
<p align="center">Part R FIRE PROTECTION, DETECTION AND EXTINCTION</p> <p align="center">R25 FIXED GAS FIRE-EXTINGUISHING SYSTEMS</p> <p>R25.2 Engineering specifications</p> <p>R25.2.1 General Requirements</p> <p>1 The wording “spare parts to the satisfaction of the Society” specified in 25.2.1-2(3), Part R of the Rules means <u>the spare parts recommended by system manufacturers. However, in cases where manufacturers do not recommend any spare parts, such parts are, in principle, considered to be</u> rupture seals (including those for starting and the packing) for all containers, rupture discs (including those for starting and the packing) for 1/3 of all containers, <u>packing and O-rings intended for recharging 1/10 of all containers, and the tools needed for system maintenance purposes.</u></p>	<p align="center">Part R FIRE PROTECTION, DETECTION AND EXTINCTION</p> <p align="center">R25 FIXED GAS FIRE-EXTINGUISHING SYSTEMS</p> <p>R25.2 Engineering specifications</p> <p>R25.2.1 General Requirements</p> <p>1 The wording “spare parts to the satisfaction of the Society” specified in 25.2.1-2(3), Part R of the Rules means <u>the rupture seals (including those for starting and the packing) for all containers and rupture discs (including those for starting and the packing) for 1/3 thereof.</u></p>	

Amended-Original Requirements Comparison Table (Definition of “Spare parts for fixed carbon dioxide fire-extinguishing systems”)

Amended	Original	Remarks
EFFECTIVE DATE AND APPLICATION		
<ol style="list-style-type: none"> 1. The effective date of the amendments is 26 December 2024. 2. Notwithstanding the amendments to the Guidance, the current requirements may apply to ships for which the date of contract for construction is before 26 December 2024. 		