

Fixed Gas Fire-extinguishing Systems

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part R

Guidance for the Survey and Construction of Steel Ships Part B and R

Reason for Amendment

The IMO Sub-Committee on Fire Protection is constantly reviewing the FSS Code, which specifies the approval standards for fire-extinguishing systems, in order to incorporate new technologies and knowledge. As part of this process, a review of Chapter 5 of FSS Code which specifies the requirements of fixed gas fire extinguishing systems was conducted.

As a result, at the 81st session of IMO Maritime Safety Committee (MSC 81), amendments that added new requirements, including those related to low pressure carbon dioxide systems, to Chapter 5 of FSS Code were adopted as Resolution MSC.206(81).

Accordingly, all relevant requirements have been amended in accordance with Resolution MSC.206(81).

Outline of Amendment

- (1) The requirements for the piping arrangements and valves of fixed gas fire-extinguishing systems have been specified.
- (2) In cases where fixed gas fire-extinguishing systems are provided, it has been specified that visual alarms are to be provided, in addition to the already required audible alarms, in Ro-Ro spaces, etc.
- (3) The requirements for the low pressure carbon dioxide gas devices for fire extinguishing specified in Annex R25.2.1-2 have been amended in accordance with the amended FSS Code and have been moved to Chapter 25 of Part R and the associated Guidance.