

Specification of Fixed Fire Detection and Fire Alarm Systems

Amended Rules and Guidance

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

Reason for Amendment

The requirements related to fixed fire detection and fire alarm systems were reviewed by the IMO Sub-Committee on Fire Protection. As a result, amendments to Chapter 9 of the FSS Code, relevant to fixed fire detection and fire alarm systems, were adopted as MSC.311(88) at the IMO 88th Maritime Safety Committee (MSC88).

These amendments not only clarified existing requirements related to fixed fire detection and fire alarm systems, they also specified testing standards for the control panel and detectors of said systems as well as the technical requirements related to the fixed fire detection and fire alarm systems in cases where such systems are connected to other fire safety systems.

Accordingly, all relevant requirements have been amended based on MSC.311(88).

Outline of Amendment

- (1) Definitions regarding fixed fire detection and fire alarm systems have been specified.
- (2) Testing standards related to the control panel and detectors have been specified.
- (3) Requirements related to fixed fire detection and fire alarm systems in cases where such systems are connected to other fire safety systems have been specified.
- (4) Requirements related to the sources of power supply, components, installation and system control of fixed fire detection and fire alarm systems have been amended.
- (5) Requirements related to the sound pressure levels of audible alarms in cabins have been specified.
- (6) It has been specified that detectors are to be periodically tested using suitable equipment.