

Capacities of Pumps and Pressure Tanks for Automatic Sprinkler Systems

Amended Guidance

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

Reason for Amendment

Chapter 8 of the Fire Safety Systems Code (FSS Code) defines requirements for automatic sprinkler systems and their equivalents. The guideline regarding the approval standard for equivalent automatic sprinkler systems was originally adopted as Resolution A.800(19) in 1995. Although it was revised as Resolution MSC.265(84) in 2008, it is still unclear with respect to the methods to be used for calculating the capacities of pumps and pressure tanks.

For this reason, a unified interpretation to clarify the calculation methods of the capacities of pumps and pressure tanks was discussed and subsequently approved as MSC.1/Circ.1556 at the 97th IMO Maritime Safety Committee (MSC97) held in November 2016.

Accordingly, relevant requirements were amended in accordance with MSC.1/Circ.1556.

Outline of Amendment

Specified that the capacities of pumps and pressure tanks for equivalent automatic sprinkler systems are to be calculated in accordance with MSC.1/Circ.1556.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part R: R28.2.1
Guidance for the Survey and Construction of Passenger Ships
Annex 7-1 Table 7-1-B1