

Suction and Discharge Piping of Emergency Fire Pumps, which are Run through the Machinery Space

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

SOLAS regulation II-2/10.2.1.4.1 stipulates requirements for emergency fire pump suction and discharge piping running through machinery spaces. However, the requirements related to the insulation of “distance pieces”, “sea inlet valves” and “sea-chests” connected to suction piping running through machinery spaces were not clear. In response, IACS adopted Unified Interpretation SC245 to clarify these requirements in June 2011 and also SC245 (Corr.1) to further amend them in January 2012.

Therefore, relevant requirements have been amended in accordance with IACS Unified Interpretation SC245 and SC245 (Corr.1).

Outline of Amendment

- (1) To amend the requirements related to the insulation of the remotely controlled systems of sea inlet valves.
- (2) To add the requirements related to the insulation of emergency fire pump suction piping running through machinery spaces.
- (3) To add the requirements related to cases where main fire pumps are installed in compartments outside machinery spaces and where the emergency fire pump suction or discharge piping penetrates such compartments.