

Locations of Sample Extraction Smoke Detection System Control Panels

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R

Reason for Amendment

Chapter 10 of the Fire Safety System Code (FSS Code), which contains requirements for fire-extinguishing systems, etc., specifies that the control panels for sample extraction smoke detection systems are to be located either on navigation bridges or in fire control stations.

IACS, in relation to the above-mentioned regulation, developed a unified interpretation, IACS UI SC260, which specifies that spaces where fire extinguishing media for fixed gas fire-extinguishing systems are stored (CO₂ rooms) may be regarded as fire control stations and then the control panels of sample extraction smoke detection systems can be located in such rooms. This interpretation has already been incorporated into the NK Rules.

As a result of consideration at the 1st Session of the IMO Sub-Committee on Ship Systems and Equipment (SSE1) held in March 2014, considering that the fixed gas fire-extinguishing system discharge pipes are typically used as sample extraction smoke detection system sampling pipes, it was agreed that the above-mentioned control panel could be located in CO₂ rooms only when the fixed gas fire-extinguishing system discharge pipes were also used as sample extraction smoke detection system sampling pipes. This interpretation was approved at the 94th Session of the IMO Maritime Safety Committee (MSC94) held in November 2014 and circulated as MSC.1/Circ.1487.

Accordingly, relevant requirements were amended in accordance with MSC.1/Circ.1487.

Outline of Amendment

Specified that the control panels of sample extraction smoke detection system may be located in CO₂ rooms if the fixed gas fire-extinguishing system discharge pipes are also used for the sample extraction smoke detection system.