

SC 260 (Mar 2013) (Rev.1 June 2015)

Sample Extraction Smoke Detection System (FSS Code / Chapter 10 / 2.4.1.2 as amended by MSC.292 (87))

FSS Code 10.2.4.1.2:

The control panel shall be located on the navigation bridge or in the fire control station. An indicating unit shall be located on the navigation bridge if the control panel is located in the fire control station.

SOLAS II-2/3.18 (Definitions):

Control stations are those spaces in which the ship's radio or main navigating equipment or the emergency source of power is located or where the fire recording or fire control equipment is centralized. Spaces where the fire recording or fire control equipment is centralized are also considered to be a fire control station.

SOLAS II-2/10.4.3 (Storage rooms of fire extinguishing medium):

When the fire extinguishing medium is stored outside a protected space, it shall be stored in a room which is located behind the forward collision bulkhead, and is used for no other purposes. Any entrance to such a storage room shall preferably be from the open deck and shall be independent of the protected space. If the storage space is located below deck, it shall be located no more than one deck below the open deck and shall be directly accessible by a stairway or ladder from the open deck. Spaces which are located below deck or spaces where access from the open deck is not provided, shall be fitted with a mechanical ventilation system designed to take exhaust air from the bottom of the space and shall be sized to provide at least 6 air changes per hour. Access doors shall open outwards, and bulkheads and decks including doors and other means of closing any opening therein, which form the boundaries between such rooms and adjacent enclosed spaces shall be gastight. For the purpose of the application of tables 9.1 to 9.8, such storage rooms shall be treated as fire control stations.

Interpretation

If the CO₂ system discharge pipes are used for the sample extraction smoke detection system, the control panel can be located in the CO₂ room provided that an indicating unit* is located on the navigation bridge. Such arrangements are considered to satisfy the requirements of the regulation of FSS Code 10.2.4.1.2 as amended by MSC.292(87).

**Indicating unit has the same meaning as repeater panel and observation of smoke should be made either by electrical means or by visual on repeater panel.*

Notes

1. This Unified Interpretation is to be uniformly implemented by IACS Societies not later than 1 January 2014.
2. Rev.1 of this Unified Interpretation is to be uniformly implemented by IACS Societies not later than 1 January 2016.

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