

SC 270

(Jan 2015)
(Corr.1
Mar 2015)

Fire pumps in ships designed to carry five or more tiers of containers on or above the weather deck (SOLAS II-2/10.2.2.4.1.2, II-2/10.7.3.2.3 and IMO FSS Code Ch. 12.2.2.1.1)

Regulation

SOLAS II-2/10.2.2.4.1.2

.2 pumps in cargo ships, other than any emergency pump, the quantity of water is not less than four thirds of the quantity required under regulation II-1/24 35-1 to be dealt with by each of the independent bilge pumps in a passenger ship of the same dimension when employed in bilge pumping, provided that in no cargo ship, ~~other than those included in paragraph 7.3.2,~~ need the total required capacity of the fire pumps exceed 180 m³/h.

SOLAS II-2/10.7.3.2.3

The mobile water monitors may be supplied by the fire main, provided the capacity of fire pumps and fire main diameter are adequate to simultaneously operate the mobile water monitors and two jets of water from fire hoses at the required pressure values. If carrying dangerous goods, the capacity of fire pumps and fire main diameter shall also comply with regulation 19.3.1.5, as far as applicable to on-deck cargo areas.

IMO FSS Code Ch. 12.2.2.1.1

2.2.1 Emergency fire pumps

2.2.1.1 Capacity of the pump

The capacity of the pump shall not be less than 40% of the total capacity of the fire pumps required by regulation II-2/10.2.2.4.1 of the Convention and in any case not less than the following:

.1 for passenger ships less than 1,000 gross tonnage and for cargo ships of 2,000 gross tonnage and upwards - 25 m³/h; and

.2 for cargo ships less than 2,000 gross tonnage - 15 m³/h.

NOTE:

1. This Unified Interpretation is to be uniformly implemented by IACS Societies on ships contracted for construction on or after 1 January 2016.
2. The “contracted for construction” date means the date on which the contract to build the vessel is signed between the prospective owner and the shipbuilder. For further details regarding the date of “contract for construction”, refer to the IACS Procedural Requirement (PR) No. 29.

**SC
270**
(cont.)**Interpretation**

On board cargo ships designed to carry five or more tiers of containers on or above the weather deck, the total capacity of the main fire pumps need not exceed 180 m³/h in case the mobile water monitors are supplied by separate pumps and piping system.

On board cargo ships designed to carry five or more tiers of containers on or above the weather deck, the total capacity of the emergency fire pump need not exceed 72 m³/h.

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