

arrangements of fire main and water-service pipes and the number and position of fire hydrants shall be such that:

(a) At least 1 jet of water having a throw of at least 6m can reach any part of the ship normally accessible to passengers or crew while the ship is being navigated and any store room and any part of any cargo space when empty; and

(b) In accommodation spaces, service spaces, and machinery spaces, the requirements of paragraph (a) of this subclause can be complied with when all watertight doors are closed; and

(c) Every space containing oil-fired boilers or propelling machinery of internal-combustion type shall be provided with at least 1 fire-hydrant.

Provided that a hydrant need not be provided in any such space if in the opinion of the Chief Surveyor water can be effectively directed into that space from a hydrant located outside the space.

(3) Every ship of Class VII, VIIA or VIII with a gross tonnage or less than 500 but greater than 150 shall be provided with:

(a) 1 hose and 1 dual-purpose nozzle for every hydrant in spaces containing oil-fired boilers or internal combustion-type machinery; and

(b) At least 2 hoses, each with a dual-purpose nozzle for use outside such spaces.

18. Portable fire extinguishers in accommodation and service spaces—Every ship of Class VII, VIIA or VIII with a gross tonnage of less than 500 but not less than 150 shall be provided with at least 3 portable fire extinguishers, so situated as to be readily available for use in any part of the accommodation and service spaces. In addition, 1 portable extinguisher and 1 fire blanket shall be provided in every galley.

19. Machinery spaces containing oil-fired boilers or oil-burning equipment—(1) In every ship of Class VII, VIIA or VIII with a gross tonnage of less than 500 but not less than 150 there shall be provided for the protection of any space containing any oil-fired boiler, oil-fuel settling tank, or oil-fuel unit:

(a) Any one of the following fixed fire-extinguishing installations:

(i) A pressure water-spraying system complying with the requirements of the Performance Standard referred to in clause 22 of the General Code;

(ii) A fire-smothering gas installation complying with the requirements of the Performance Standard referred to in clause 24 of the General Code;

(iii) A high-expansion foam fire-extinguishing installation complying with the requirements of the Performance Standard referred to in clause 25 of the General Code;

If the engine and boiler rooms are not entirely separated from each other by a bulkhead, or if fuel oil can drain from the boiler room into the engine room, the combined engine and boiler room shall for the purpose of this subclause be regarded as a single space.

(b) In each firing space and in each space which contains any part of any oil-fuel installation, at least 2 portable fire extinguishers;

(c) In each firing space, a receptacle containing at least 150 litres of sand or other dry material suitable for quenching oil fires, together with a scoop for its distribution, or, alternatively, an additional portable fire extinguisher suitable for use on oil fires.

(2) If an auxiliary oil-fired boiler, oil-fuel settling tank, or oil-fuel unit is fitted in a space occupied by propelling or auxiliary machinery of internal-combustion type, the fire appliances required by subclause (1) of this clause shall be provided in addition to any fire appliances required by clause 20 of this Code.

Provided that if the largest single area over which oil fuel may spread in the event of a leakage is less than 9m² a foam fire extinguisher of at least 135 litres capacity or a carbon-dioxide fire extinguisher of at least 45 kg capacity may be provided instead of the fire appliances required by subclause (1)(a) of this clause.

20. Machinery spaces containing internal-combustion type machinery—In every ship of Class VII, VIIA or VIII with a gross tonnage of less than 500 but not less than 150 there shall be provided for the protection of every space containing internal-combustion type machinery used for main-propulsion or auxiliary purposes:

(a) At least 1 foam fire extinguisher or not less than 45 litres capacity or a carbon-dioxide fire extinguisher of not less than 16 kg capacity;

Provided that such an extinguisher shall not be required in any machinery space containing only auxiliary machinery; and

(b) Sufficient portable fire extinguishers so located that a portable extinguisher is not more than 10m walking distance from any point in the space.

Provided that not less than 2 such extinguishers shall be required in any space containing main-propulsion machinery, and not less than 1 such extinguisher shall be required in any space containing only auxiliary machinery.

21. Machinery spaces containing steam engines—(1) In every ship of Class VII, VIIA or VIII with a gross tonnage of less than 500 but not less than 150 there shall be provided for the protection of every space containing steam turbines or enclosed pressure-lubricated steam engines.

(a) At least 1 foam fire extinguisher of not less than 45 litres capacity or a carbon-dioxide fire extinguisher of not less than 16 kg capacity.

Provided that such an extinguisher shall not be required in any machinery space containing only auxiliary machinery; and

(b) Sufficient portable fire extinguishers so located that a portable extinguisher is not more than 10m walking distance from any point in the space.

Provided that no less than 2 such extinguishers shall be required in any space containing main-propulsion machinery, and not less than 1 such extinguisher shall be required in any space containing only auxiliary machinery.

(2) The fire extinguishers specified in subclause (1) of this clause shall not be required if equivalent protection is provided in such spaces by fire appliances provided in compliance with clauses 19 and 20 of this Code.

22. Fire crew outfits—Every ship of Class VII, VIIA or VIII with a gross tonnage of less than 500 but not less than 150 shall be provided with at least 1 fire crew outfit, which shall comply with the requirements of clause 30 of the General Code and the Performance Standard referred to therein provided that in tankers to which this clause applies there shall be provided at least 2 fire crew outfits.

PART III

Ships of Classes VII, VIIA and VIII With a Gross Tonnage of Less Than 150

23. Application—Part III of this Code of Practice applies to Ships of Classes VII, VIIA and VIII with a gross tonnage of less than 150.

24. Fire alarms—(1) Every ship of Class VII, VIIA or VIII with a gross tonnage of less than 150 shall be provided with 1 or more manually operated fire-alarm bells. Those bells shall be sufficient in number, so distributed, and of such type that in the event of a fire being detected in or adjacent to the accommodation spaces, whether at sea or in port, an alarm bell is readily accessible and is clearly audible throughout adjacent accommodation spaces.

(2) The alarm bells required to be provided in compliance with