

capacity or 1 carbon-dioxide fire extinguisher of not less than 16kg capacity;

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

(b) At least 2 portable fire extinguishers in every space containing main-propulsion machinery and at least 1 portable extinguisher in every 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 extinguishers provided in accordance with the provisions of clause 25 of this Code.

31. Fire crew outfits—(1) Every ship to which Part III of this Code of Practice applies shall carry 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.

PART IV

Ships of Class IX of Less Than 45m in Length

32. Application—Part IV of this Code of Practice applies to Ships of Class IX of less than 45m in length.

33. Fire alarms—In every new Ship of Class IX of less than 45m, but not less than 24m which is constructed of combustible materials or where in the opinion of the Chief Surveyor a fire hazard exists due to an appreciable amount of combustible material used in the construction of the accommodation spaces, service spaces and control stations, and having regard to the size of these spaces, their arrangement and location relative to control stations and where applicable, the flame spread characteristics of the installed furniture, there shall be installed a fixed fire alarm and fire detection system complying with the Performance Standard referred to in clause 29 of the general code.

34. Fire pumps—(1) Except as provided in clauses 4, 16 and 25 of this code every ship of Class IX of 24m in length or over shall be provided with at least 1 power-operated fire pump which shall be capable of delivering at least 1 jet of water from any fire hydrant, hose, or nozzle provided in the ship and shall comply with the requirements of clause 16(8) of the general code.

(2) Every ship of Class IX of less than 24m in length but not less than 15m in length shall be provided with at least 1 power-operated fire pump, which may be operated by the main engine and shall be capable of delivering a jet of water having a throw of at least 6m from any fire hydrant, hose, or nozzle provided in the ship.

(3) Every ship of Class IX of less than 15m in length shall be provided with either:

(a) one power-operated or manually-operated fire pump having a permanent sea connection. That pump shall be capable of delivering a jet of water having a throw of at least 6m through any fire hydrant, hose, or nozzle provided in the ship; or

(b) At least 2 fire buckets provided that in any ship of Class IX of less than 6m in length which does not proceed beyond river limits the minimum number of fire buckets may be 1.

(4) Except as provided in clause 3 of this Code every ship of Class IX of 24m in length or over shall be provided with a manual or power-operated emergency fire pump.

If the emergency fire pump is power operated, it shall comply with the requirements of clause 16(8) of the general code, and if it is manually operated it shall comply with the requirements of clause 16(9) of the general code.

(5) Where, in any ship of Class IX of less than 24m in length the fire pump provided in compliance with the requirements of subclause (2) or subclause (3) of this clause is situated in the

machinery space, there shall be provided in addition 2 fire buckets.

35. Fire main, water-service pipes, hydrants, hoses and nozzles—(1) Except as provided in clauses 5, 17 and 26 of this Code of Practice every Ship of Class IX to which Part IV of this Code of Practice applies shall be provided with fire main water service pipes, and hydrants with hoses and nozzles whereby 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.

Provided that this requirement shall not apply to any ship of Class IX of less than 6m in length in which a fire bucket is carried instead of a fire pump, in accordance with the provisions of clause 34(3) of this Code.

(2) The arrangement of fire main, water-service pipes, hydrants, hoses, and nozzles shall be such that:

(a) The requirements of this clause can be complied with when all watertight doors are closed; and

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

Provided that in any ship of Class IX of less than 24m in length a hydrant need not be provided in any such space if, in the opinion of a Surveyor water can be effectively directed into that space from a hydrant located outside the space.

(3) Except as provided in clauses 5, 17, and 26 of this Code every ship of Class IX shall be provided with:

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

(b) At least 1 other hose and 1 dual-purpose nozzle.

(c) Provided that if only 1 hydrant is fitted in the ship only 1 hose and 1 dual-purpose nozzle need be provided.

36. Portable fire extinguishers—(1) Except as provided in clauses 6, 17 and 27 of this Code every Ship of Class IX of 24m in length or over shall be provided with:

(a) Sufficient portable fire extinguishers to ensure that at least 1 such extinguisher will be readily available for use in any part of the accommodation or service spaces, with a minimum of 3 such extinguishers; and

(b) At least one portable fire extinguisher and 1 fire blanket in any galley; and

(c) Portable fire extinguishers in spaces containing oil-fired boilers or internal-combustion machinery in accordance with the provisions of clauses 37 and 38 of this Code.

(2) Every ship of Class IX of less than 24m in length shall be provided with portable fire extinguishers in accordance with the following table:

Length of Ship	Number of Extinguishers
Under 9m	1
9m or more but under 15m	2
15m or more but under 24m	3

(3) The fire extinguisher in every ship of this class of under 9m in length and at least 1 of the extinguishers in every ship of 9m and under 24m in length as required under subclause (1) of this clause shall be of a type suitable for extinguishing oil fires, and shall be located in or adjacent to the machinery spaces and shall have a minimum capacity in accordance with the following scale.

Foam	9 Litres
Carbon dioxide	4.5 kg
Dry powder	4.5 kg

The minimum capacities of the other fire extinguishers