

(a) Any 1 of the fixed fire-extinguishing installations in subclause (1) of clause 8 of this Code,

(b) At least 1 set of portable air-foam equipment complying with the Performance Standard referred to in clause 27 of the general code.

(c) Foam fire extinguishers, each of at least 45 litres capacity, or carbon dioxide extinguishers each of at least 16kg capacity sufficient in number to enable foam or carbon dioxide to be directed on to any part of the fuel and lubricating oil pressure systems, gearing and other fire hazards, and,

(d) Sufficient portable fire extinguishers suitable for extinguishing oil fires which shall be so located that no point in that space is more than 10m walking distance from an extinguisher provided there shall be not less than 2 such extinguishers.

**10. Machinery spaces containing steam engines**—In every ship to which Part I of this Code of Practice applies with a gross tonnage of 500 or over, there shall be provided for the protection of every space containing steam turbines or enclosed pressure-lubricated steam engines used for main propulsion or auxiliary purposes when such machinery has in the aggregate a total power output of not less than 375kW:

(a) Foam fire extinguishers, each of at least 45 litres capacity, or carbon-dioxide fire extinguishers, each of at least 16kg capacity, sufficient in number to enable foam or carbon dioxide to be directed on to any part of the pressure-lubrication system and on to any part of the casing enclosing pressure-lubricated parts of turbines, engines, or associated gearing.

Provided that such extinguishers shall not be required if equivalent protection is provided in such spaces by a fixed fire-extinguishing installation fitted in compliance with clause 8(a) of this Code.

(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.

**11. Fire extinguishing appliances in other machinery areas**—In every ship to which Part I of this Code of Practice applies where a fire hazard exists in any machinery space for which no specific provisions for fire-extinguishing are required by clauses 8, 9, or 10 of this Code there shall be provided in or adjacent to that space a sufficient number of portable fire extinguishers to ensure that at least 1 extinguisher is not more than 10m walking distance from any position within that space unless equivalent means of fire extinction are provided.

**12. Fire crew outfits**—(1) Except as provided in clauses 12, 13 and 14 of the General Code for combination, gas, and chemical carriers respectively every ship to which Part I of this Code of Practice applied with a gross tonnage of 500 or over shall carry fire crew outfits, which shall comply with the requirements of clause 30 of the general code and the Performance Standard referred to therein, in accordance with the following scale:

Gross Tonnage of Ship	Number of Outfits
500 or over but under 2500	2
2500 or over but under 4000	3
4000 or over	4

Provided that in tankers, to which this clause applies, the minimum number of fire crew outfits shall be 4.

(2) In every such ship provided with breathing apparatus of the air hose type where an air hose of more than 36m in length would be necessary to reach from the open deck well clear of any hatch or doorway to any part of the accommodation,

service, cargo or machinery spaces, at least 1 breathing apparatus of the self-contained type shall be provided.

**13. International shore connection**—Every ship to which Part I of this Code of Practice applies with a gross tonnage of 500 or over shall be provided with at least 1 international shore connection, which shall comply with the requirements of the Performance Standard referred to in clause 19 of the general code, to enable water to be supplied from another ship or from the shore to the fire main, and fixed provision shall be made to enable such a connection to be used on the port side and on the starboard side of the ship.

## PART II

### *Ships of Class IX of 45m in Length or Over and With a Gross Tonnage of Less Than But Not Less Than 150*

**14. Application**—Part II of the Code of Practice applies to Ships of Class IX of 45m in length or over and with a gross tonnage of less than 500, but not less than 150 plying with extreme limits.

**15. Fire alarms**—(1) Every new ship to which Part II of this Code of Practice applies shall be provided in the accommodation spaces with electrically operated fire-alarm bells actuated from the navigating bridge and from manually operated call points suitably located throughout the accommodation spaces.

(2) Every existing ship to which Part II of this Code of Practice applies not provided with fire alarms complying with subclause (1) of this clause shall be provided in the accommodation spaces with 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.

(3) The alarm bells required to be provided in compliance with subclause (2) of this clause shall be additional to any electrically operated alarm signal actuated from the navigating bridge or control station, unless the electrically operated system can also be actuated from manually operated call points suitably located throughout the accommodation spaces.

(4) The alarm bells required to be provided in compliance with subclause (2) of this clause shall be permanently secured to the ship's structure and shall be clearly labelled.

(5) The fire-alarm bells required to be provided in compliance with subclause (1) of this clause shall be supplied with electrical power from 2 separate sources 1 of which shall be the ship's emergency source of electric power, and may form part of the alarm system required in compliance with the Codes of Practice issued under The Shipping (Lifesaving Appliances) Regulations 1989.

**16. Fire pumps**—Every ship in to which Part II of this Code of Practice applies shall be provided with:

(a) 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 requirement of clause 16(2) of the general code, and;

(b) Where in any such ship fitted with oil-fired boilers or internal-combustion type propelling machinery the pump required by paragraph (a) of this clause and its source of power and sea connection are situated within spaces containing such boilers or machinery, in a position outside such spaces an additional fire pump and its source of power and sea connection. If that pump is operated by power, it shall comply with the requirements of clause 16(8) of the general code and if it is manually operated, it shall comply with clause 16(9) of the general code.

**17. Fire main, water-service pipes, hydrants, hoses and nozzles**—(1) Every ship to which Part II of this Code of