

less than 5. In addition, at least 1 portable fire extinguisher and 1 fire blanket shall be provided in every galley.

**7. Machinery spaces containing oil-fired boilers or oil-burning equipment**—In every ship to which Part I of this Code of Practice applies there shall be provided for the protection of any space containing any oil-fired boiler, oil-fuel settling tank, or oil-fuel unit—

(a) 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:

(iv) In general steam should not be used as a fire-extinguishing medium in fixed fire-extinguishing systems except as provided in addition to those referred to above as provided in clause 24(2) of the General Code.

(b) At least 1 set of portable air foam equipment complying with the requirements of the Performance Standard referred to in clause 27 of the general code in every boiler room;

(c) At least 2 portable fire extinguishers in each firing space in each boiler room and in each space in which part of the fuel oil installation is situated.

(d) At least 1 foam extinguisher of not less than 135 litres capacity, or at least 1 carbon dioxide fire extinguisher of not less than 45 kg capacity positioned as to be readily accessible in the event of fire and sufficient in number to enable foam or carbon dioxide to be directed on to any part of the boiler room and spaces containing any part of the oil fuel installation. The Chief Surveyor may relax this requirement having regard to the size and nature of the space to be protected.

(e) In each firing space, a receptacle containing in the case of a ship of 75m in length and over 250 litres or in the case of a ship of 55m in length or over but less than 75m, 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.

**8. Machinery spaces containing internal-combustion type machinery**—In every ship to which Part I of this Code of Practice applies there shall be provided for the protection of every space containing internal-combustion type machinery used for main-propulsion or auxiliary purposes when such machinery has a total power output of not less than 375kW;

(a) 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.

Provided that such installation shall not be required in any machinery space containing machinery with an aggregate power of less than 375 kW.

(b) At least 1 set of portable air foam equipment complying

with the requirements of the Performance Standard referred to in clause 27 of the general code.

(c) 1 or more foam fire extinguishers of not less than 45 litres capacity or carbon-dioxide fire extinguishers of not less than 16 kg capacity positioned as to be readily accessible in the event of fire and 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.

Provided that such an extinguisher shall not be required in any machinery space containing only auxiliary machinery having an aggregate power of less than 375 kW.

(d) 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.

**9. Machinery spaces containing steam engines**—In every ship to which Part I of this Code of Practice applies 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 a total output of not less than 375 kW.

(a) Foam fire extinguishers, each of at least 45 litres capacity, or carbon-dioxide fire extinguishers, each of at least 16 kg capacity, sufficient in number to enable foam or carbon dioxide to be directed 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 clauses 7(a) or 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.

**10. Fire crew outfits**—Every ship to which Part I of this Code of Practice applies shall carry at least 2 fire crew outfits which shall comply with the requirements of clause 30 of the general code and with the Performance Standard referred to therein.

**11. International shore connection**—Every ship to which Part I of this Code of Practice applies 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 X of Less Than 55 m in Length But Not Less Than 24 m in Length***

**12. Application**—Part II of this Code of Practice applies to Ships of Class X of less than 55m in length, but not less than 24m in length.

**13. Fire Alarms**—(1) In every new ship to which Part II of this Code of Practice applies 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