

built, which is converted to a passenger ship shall be treated as a passenger ship constructed on the date on which a conversion commences.

“Oil-fuel unit” means the equipment used for the preparation of oil fuel for delivery to the oil burners of an oil-fired boiler, or equipment used for the preparation of heated oil for delivery to an internal combustion engine; and includes any oil-pressure pumps, filters, and heaters dealing with oil at a pressure of more than 180 kilopascals gauge:

“Passenger Space” means space provided for the use of passengers.

“Portable fire extinguisher” means (except where otherwise specified in this code) a fire extinguisher in which the capacity for the fire fighting medium if a fluid is not more than 13.5 litres and not less than 9 litres. Extinguishers using other fire fighting medium shall be at least as portable as the 13.5 litres fluid extinguisher and shall have a fire extinguishing capability at least equivalent to that of a 9 litres fluid extinguisher:

“Public spaces” means those portions of the accommodation which are used for halls, dining rooms, lounges, and similar enclosed spaces:

“Services spaces: means galleys, main pantries, laundries, store rooms (except isolated pantries and lockers), mail rooms, specie rooms, lamp rooms, paint rooms, workshops other than those forming part of machinery spaces and trunkways leading to such spaces:

“Settling tank” means an oil fuel storage tank having a heating surface of not less than 0.186m² tonne of oil capacity:

“Special-category space” means any enclosed spaces above or below the bulkhead deck for the carriage of motor vehicles with fuel in their tanks for their own propulsion, being a space into and from which such vehicles can be driven and to which passengers have access.

“Water fog applicator” means an “L” shaped pipe the long limb being about 2m in length capable of being fitted to a fire hose and the short limb being about 250mm in length fitted with a fixed water fog nozzle or capable of being fitted with a water spray nozzle:

Other expression defined in the Act have the meanings so defined.

2. Performance Standards—(1) The Minister may prescribe from time to time, by notice in *Gazette*, specifications referred to in the Shipping (Fire Appliances) Regulations 1989 as Performance Standards in respect of fire appliances required to be carried pursuant to fire appliances codes of practice.

(2) For the purpose of this clause, fire appliances shall include:

- (a) Portable and non portable fire extinguishers,
- (b) International shore connections,
- (c) Breathing apparatus for fire crew outfits,
- (d) Inert gas systems,
- (e) Fixed deck foam systems,
- (f) Fixed pressure water spraying systems for machinery spaces and for special category spaces,
- (g) Fixed fire smothering gas installations,
- (h) Fixed high and low expansion foam fire extinguishing systems,
- (i) Fixed fire detection and fire alarm systems and other devices or appurtenances associated therewith and all equipment and fittings to be carried or attached thereon or thereto, and,
- (j) Miscellaneous fire appliances.

(3) Such performance standards shall be in respect of the design, installation, materials and method of construction,

performance, operational capabilities, initial and periodic testing and inspection, capacity, marking, stowage and handling, or any other matter in respect of such fire appliances which the Minister considers necessary or relevant.

3. Additional Requirements—This code of practice, adds general provisions and additional requirements for fire fighting appliances relevant to the codes of practice issued under the Shipping (Fire Appliances) Regulations 1989.

4. Requirements for passenger ships having special category spaces—(1) The requirements of this clause apply to every passenger ship having special category spaces.

(2) An efficient patrol system shall be maintained in special category spaces. In any such space in which the patrol is not maintained by a continuous fire watch at all times during the voyage there shall be provided a fixed fire detection and alarm system complying with the requirements of clause 29 of this code.

(3) Manually operated call points shall be provided as necessary throughout the special category spaces and 1 shall be placed close to each exit from such spaces.

(4) Each special category space shall be fitted with an approved fixed pressure water-spraying system complying with the provisions of clause 22 of this code which shall protect all parts of any deck and vehicle platform in such spaces:

Provided the Chief Surveyor may permit the use of any other fixed fire-extinguisher system that has been shown by full scale test in conditions simulating a flowing petrol fire in a special category space to be not less effective in controlling fires likely to occur in such a space.

(5) Each special category space shall be provided with:

- (a) At least 3 water fog applicators; and
- (b) 1 portable foam applicator unit complying with the provisions of clause 27 of this code provided that at least 2 such units are available in the ship for use in such spaces; and
- (c) The number of portable fire extinguishers as the Chief Surveyor may deem sufficient, provided there is at least 1 portable extinguisher located at each access to such spaces.

5. Requirements for ships having cargo spaces, other than special category spaces, intended for the carriage as cargo of motor vehicles with fuel in their tanks for their own propulsion—(1) The requirements of this clause apply to every ship having cargo spaces, other than special category spaces, intended for the carriage as cargo of motor vehicles with fuel in their tanks for their own propulsion.

(2) There shall be provided in such cargo spaces a fixed fire detection and fire alarm system complying with the provisions of clause 29 of this code.

(3) There shall be fitted in such spaces a fixed fire-smothering gas installation complying with the provisions of clause 24 of this code, except that, if a carbon dioxide system is fitted, the quantity of gas available shall be at least sufficient to give a minimum volume of free gas equal of 45 percent of the gross volume of the largest cargo space which is capable of being sealed, and the arrangements shall be as to ensure that at least two thirds of the gas required for the relevant space shall be introduced during 10 minutes. Any other fixed gas fire-extinguishing system may be fitted provided it gives equivalent protection. Furthermore, any cargo space designated only for vehicles which are not carrying any cargo may be fitted with fixed fire-extinguishing systems which shall comply with the provisions of clause 24 of this code.

(4) As an alternative to the fixed fire-extinguishing system required by sub paragraph (3) of this clause a fixed water spraying system complying with the provisions of clause 23 of this code may be fitted in such spaces provided the requirements for freeing the ship of water as provided in Codes of Practice issued under The Shipping (Construction) Regulations 1989 as appropriate are complied with.