

carried. The Administration may allow the use of steam in lieu of smothering gas in steam ships and in motor ships if the arrangements comply with paragraph (d) of Regulation 47. In tankers, froth may be accepted as a suitable alternative to smothering gas or steam.

(ii) The Administration may exempt from this requirement cargo holds of any ship (other than the tanks of a tanker)—

(a) if they are provided with steel hatch covers and effective means of closing all ventilators and other openings leading to the holds;

(b) if the ship is constructed and intended solely for carrying such cargoes as ore or coal;

(c) where it is shown to the satisfaction of the Administration that the ship is engaged on voyages of such short duration that it would be unreasonable to apply the requirement.

(b) A cargo ship of 1,000 tons gross tonnage or over shall comply with the following:—

(i) (a) There shall be two power pumps each capable of providing a full supply of water to the fire hoses together with appliances whereby at least two powerful jets of water can be rapidly and simultaneously directed into any part of the ship; such appliances to include as many fire hoses, each complete with couplings and conductor, as the Administration may deem sufficient.

(b) In such ships fitted with oil-fired boilers or internal combustion machinery, if a fire in any one compartment could put all the pumps out of action, there must be an alternative means of extinguishing the fire.

(ii) There shall be portable fire extinguishers available for immediate use in the spaces used by crew and passengers, if any, and in any case a minimum of five such extinguishers.

(iii) There shall be an outfit consisting of a breathing apparatus or smoke helmet, a safety lamp, a fireman's axe and, except in tankers, a portable electric drilling machine to provide emergency means of access to fires through decks, casings or bulkheads.

(c) A cargo ship of 1,000 tons gross tonnage or over with oil-fired boilers or internal combustion propelling machinery shall be provided in the machinery spaces with at least two fire hydrants, one port and one starboard, and for each hydrant a fire hose, complete with couplings and conductor together with a nozzle suitable for spraying water on oil.

(d) A cargo ship of 1,000 tons gross tonnage or over in which oil is used as fuel for the main or auxiliary boilers shall also comply in the boiler and machinery spaces with the following:—

(i) In each firing space there shall be a receptacle containing sand, sawdust impregnated with soda, or other approved dry material in such quantity as may be required by the Administration.