

(k) If in a passenger ship propelled by internal combustion machinery a donkey boiler is fitted, sub-paragraph (i) shall be complied with. If the donkey boiler is situated in a machinery space, there shall be provided in that space, in place of the large extinguisher required by the preceding paragraph, an approved froth extinguisher of at least 30 gallons (or 136 litres) capacity fitted with suitable hose attachments or other approved means for distributing froth. A 100 lbs. (or 45 kilogrammes) carbon dioxide extinguisher may be accepted as an alternative to a 30 gallons (or 136 litres) froth extinguisher.

Pumps

(l) A passenger ship of 4,000 tons gross tonnage or over shall be provided with at least three fire pumps operated by steam or other motive power, and every passenger ship of under 4,000 tons gross tonnage, with at least two such fire pumps. Each fire pump shall be capable of delivering such quantity of water as the Administration may deem sufficient in at least two powerful jets simultaneously in any part of the ship.

(m) In a passenger ship of 300 feet (or 91.5 metres) in length or over, fitted with oil fired boilers or internal combustion machinery, the arrangements of sea connections, pumps and sources of power for operating them shall be such as to ensure that a fire in any one compartment will not put all the fire pumps out of action. In a ship less than 300 feet (or 91.5 metres) in length, if a fire in any one compartment could put all the pumps out of action, there shall be an alternative means of extinguishing the fire.

Water Service Pipes and Hydrants

(n) A passenger ship shall be provided with water service pipes and hydrants complying with the relevant requirements of Regulation 45.

Fire Hoses

(o) A passenger ship shall be provided with such number of fire hoses as the Administration may deem sufficient. There shall be at least one fire hose for each hydrant and these hoses shall be used only for the purpose of extinguishing fires or testing the fire-extinguishing apparatus at fire drills and surveys.

Smoke Helmets and Safety Lamps

(p) A passenger ship shall carry at least two outfits each consisting of a breathing apparatus or smoke helmet, a safety lamp and a fireman's axe. These outfits shall be kept in widely separated places ready for use. A portable electric drilling machine to provide emergency means of access to fires through decks, casings or bulkheads, shall be available.

Regulation 51

Requirements for Cargo Ships of 1,000 Tons Gross Tonnage or over

(a) (i) A cargo ship of 2,000 tons gross tonnage or over shall be provided with apparatus whereby fire smothering gas sufficient to give a minimum volume of free gas equal to 30 per cent. of the gross volume of the largest hold in the ship which is capable of being sealed, can be promptly conveyed by a permanent piping system into any compartment in which cargo may be