

(2) This notice shall come into force on the 1st day of November 1989.

2. Performance Standard prescribed—The Performance Standard set out in the Schedule to this notice is hereby prescribed for the purposes of the Shipping (Fire Appliances) Regulations 1989.

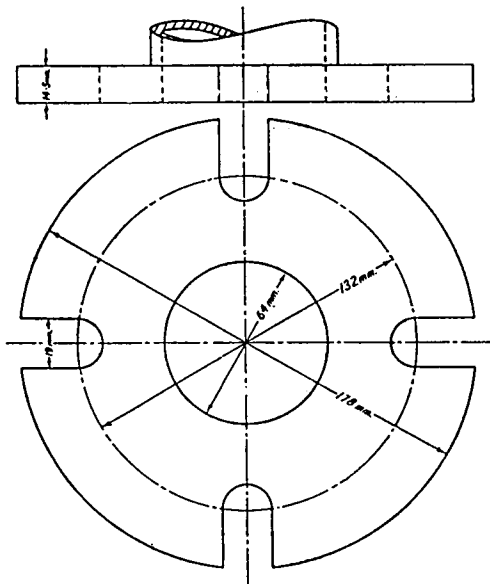
Schedule

Performance Standard for International Shore Connection

1. International Shore Connection—(1) The international shore connection, as hereinafter illustrated, shall be in accordance with the following specification:

| | |
|-----------------------|---|
| Outside diameter: | 178 mm |
| Inner diameter: | 64 mm |
| Bolt circle diameter: | 132 mm |
| Holes: | 4 holes of 19 mm diameter equidistantly slotted to the flange periphery |
| Flange thickness: | 14.5 mm minimum |
| Bolts: | 4, each 16 mm diameter, 50 mm in length with 8 washers and 4 nuts |
| Flange surface: | Flat face Gasket: Any suited to 1035 kPa service |

(2) The connection shall be constructed of material suitable for 1035 kPa service. The flange shall be a flat face on 1 side, and to the other there shall be permanently attached a coupling which will fit the ship's hydrants and hose. The connection shall be kept aboard the ship together with its gasket, bolts, washers and nuts.



INTERNATIONAL SHORE CONNECTION

Dated at Wellington this 31st day of October 1989.

W. P. JEFFRIES, Minister of Transport.

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The Shipping (Fixed Deck Foam Systems) Notice 1989

Pursuant to section 235 of the Shipping and Seamen Act 1952, the Minister of Transport hereby gives the following notice.

Notice

1. Title and commencement—(1) This notice may be cited as the Shipping (Fixed Deck Foam Systems) Notice 1989.

(2) This notice shall come into force on the 1st day of November 1989.

2. Performance Standard prescribed—The Performance Standard set out in the Schedule to this notice is hereby prescribed for the purposes of the Shipping (Fire Appliances) Regulations 1989.

Schedule

Performance Standard for Fixed Deck Foam Systems

1. The arrangements for providing foam shall be capable of delivering foam to the entire cargo tanks deck area as well as into any cargo tank, the deck of which has been ruptured.

2. The deck foam system shall be capable of simple and rapid operation. The main control station for the system shall be suitably located outside the cargo area adjacent to the accommodation spaces and readily accessible and operable in the event of fire in the areas protected.

3. The rate of supply of foam solution (that is, the mixture of foam concentrate and water before expansion) shall be not less than the following whichever is the greatest:

(1) 0.6 litre per minute per square metre of cargo tanks deck area, where cargo tanks deck area means the maximum breadth of the ship times the total longitudinal extent of the cargo tank spaces;

(2) 6 litres per minute per square metre of the horizontal sectional area of the single tank having the largest such area; or

(3) 3 litres per minute per square metre of the area protected by the largest monitor, such area being entirely forward of the monitor, but not less than 1,250 litres per minute.

4. Sufficient foam concentrate shall be supplied to ensure at least 20 minutes of foam generation in ships fitted with an inert gas system or 30 minutes of foam generation in ships not fitted with an inert gas system when using the solution rates stipulated in clause 3 of this Performance Standard. The foam expansion ratio (that is, the ratio of the volume of foam produced to the volume of the mixture of foam concentrate and water before expansion) shall not generally exceed 12 to 1.

5. Foam from the fixed foam system shall be supplied by means of monitors and foam applicators. At least 50 percent of the foam solution rate required in sub-paragraphs (1) and (2) of paragraph 3 of this Performance Standard shall be delivered from each monitor. On tankers of less than 4,000 tonnes deadweight, applicators may be substituted for an installation of monitors. In such a case the capacity of each applicator shall be at least 25 percent of the foam solution rate required in sub-clause (1) or (2) of clause 3 of this Performance Standard.

6. (1) The number and position of monitors shall be such as to comply with paragraph 1 of this Performance Standard. The capacity of any monitor shall be at least 3 litres per minute of foam solution per square metre of deck area protected by that monitor, such area being entirely forward of the monitor. Such capacity shall be not less than 1,250 litres per minute.

(2) The distance from the monitor to the farthest extremity of the protected area forward of that monitor shall not be more than 75 percent of the monitor throw in still air conditions.

7. A monitor and hose connection for a foam applicator shall be situated both port and starboard at the front of the poop or accommodation spaces facing the cargo tanks deck. On tankers of a deadweight of less than 4,000 tonnes not fitted with monitors a hose connection for a foam applicator shall be situated both port and starboard at the front of the poop or accommodation spaces facing the cargo tanks deck.

8. The capacity of any applicator shall be not less than 400 litres per minute and the applicator throw in still air conditions