

1976 or any other Standards Specification approved by the Chief Surveyor.

3. The extinguisher shall be provided with a nozzle and a reinforced discharge hose construction to withstand 4 times the maximum working pressure specified in clause 1 of this Performance Standard.

4. Where the extinguisher is provided with an inner container, such container shall be adequately supported.

5. Any necessary openings in the extinguisher body shall be fitted with caps or covers so designed that any pressure remaining in the container may be released gradually before the cap or cover can be removed completely.

6. Every part of the extinguisher shall, where necessary, be protected against corrosion.

7. The extinguisher shall be provided with a controllable device to enable the discharge to be interrupted and a means to prevent the loss of liquid when the extinguisher is standing.

8. The extinguisher actuating mechanism shall be protected so that it is safeguarded against inadvertent operation.

9. The design shall permit the ready availability of the extinguisher to be verified as required and ensure that it will be apparent whether or not the extinguisher has been operated.

10. A fully charge extinguisher shall when operated under normal conditions be capable of projecting foam a distance of 14 metres for a period of not less than 90 seconds in the case of an extinguisher of 135 litres capacity and over, and a distance of 10 metres for a period of not less than 60 seconds in the case of an extinguisher of 45 litres or over but under 135 litres capacity.

11. The outside of the extinguisher body shall be clearly marked in accordance with the relevant parts of Section Five of the British Standards Institution Specification Number BS 5423: 1987 or any other Standards Specification approved by the Chief Surveyor.

PART II

Non-portable Carbon Dioxide Fire Extinguishers

12. Every carbon dioxide fire extinguisher, other than a portable fire extinguisher, shall be provided with cylinders constructed in accordance with British Standards Institution Specification Number BS 5396: 1976 or any other Standards Specification approved by the Chief Surveyor.

13. Each cylinder shall be provided with an internal discharge tube and a valve to release the gas.

14. The extinguisher shall be provided with a discharge hose which shall be reinforced so as to withstand a pressure of at least 12.2 MPa when the necessary couplings are fitted. The bore of the discharge hose shall not be less than the sizes respectively set forth in the following table:

Capacity of extinguisher	Minimum bore of discharge hose
16 kg	10 mm
45 kg	12 mm

The discharge hose shall be provided with a horn which shall be of electrically non-conducting material and of a design which will reduce the velocity of the gas discharged. The metal part of the operating handle shall be suitably sheathed to protect the hand of the operator from extreme cold.

15. At any temperature between 15°C and 18°C inclusive, the extinguisher shall discharge gas at such a rate that carbon dioxide equal in weight to 3/4 of the capacity of the container will be discharged in the periods respectively set forth in the following table:

Capacity of Extinguisher	Period
16 kg	30 to 45 seconds
45 kg	60 to 90 seconds

16. The outside of the extinguisher shall be clearly marked in accordance with Section Seven of the British Standards Institution Specification Number BS 5423:1987 or any other Standards Specification approved by the Chief Surveyor.

PART III

Non-portable Dry Powder Fire Extinguishers

17. Every dry powder fire extinguisher, other than a portable fire extinguisher shall be constructed of suitable materials and shall be of an efficient design and of sufficient strength to withstand with an adequate factor of safety the maximum internal pressure to which it may be subjected and shall be capable of withstanding a test by hydraulic pressure suitably in excess of the maximum working pressure. For the purpose of this Performance Standard the maximum working pressure shall be the equilibrium pressure that develops within the body at 70°C when the correctly charged extinguisher has been operated with all outlets closed.

18. Where the extinguisher is provided with a gas cylinder as the means for expelling the extinguishing medium, such gas cylinder shall be constructed in accordance with British Standards Institution Specification Number BS 5045: Part 1:1976 or any other Standards Specification approved by the Chief Surveyor.

19. The extinguisher shall be provided with a nozzle and a reinforced hose constructed to withstand 4 times the maximum working pressure specified in paragraph 1 of this Performance Standard.

20. Any necessary openings in the extinguisher body shall be fitted with caps or covers so designed that any pressure remaining in the container may be released gradually before the cap or cover can be removed completely.

21. Every part of the extinguisher shall, where necessary, be protected against corrosion.

22. The extinguisher shall be effectively sealed to prevent the ingress of moisture, but such sealing arrangements shall not interfere with the discharge of the extinguisher.

23. The extinguisher shall be provided with a controllable device to enable the discharge to be interrupted.

24. The extinguisher actuating mechanism shall be protected so that it is safeguarded against inadvertent operation.

25. The design shall permit the ready availability of the extinguisher to be verified as required and ensure that it will be apparent whether or not the extinguisher has been operated.

26. A fully charge extinguisher shall, where operated under normal conditions, be capable of discharging not less than 85 percent of the mass of the dry powder charge. The discharge rate shall be not less than 1kg per second.

27. The outside of the extinguisher body shall be clearly marked in accordance with the relevant parts of Section Five of the British Standards Institution Specification Number BS 5423: 1987 or any other Standards Specification approved by the Chief Surveyor.

Dated at Wellington this 31st day of October 1989.

W. P. JEFFRIES, Minister of Transport.

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The Shipping (International Shore Connection) 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 (International Shore Connection) Notice 1989.