

Government Of The People's Republic Of Bangladesh

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STCW95/ISM - FIRE FIGHTING EQUIPMENT TESTING AND SERVICING SCHEDULE FOR BANGLADESH FLAG VESSELS.

1.0 CO₂ INSTALLATIONS

- 1.1 A quantity of the medium in the CO₂ bottles should be checked for a sample of the bottles every two years. Should any bottle be found to be short, all the bottles should be checked.
- 1.2 The quantity of the medium in all the CO₂ bottles should be checked once every 4 years.
- 1.3 Hydraulic testing of all the CO₂ bottles should be carried out after 20 years from the date of manufacture and thereafter, every 5 years.

1.4 Explanatory notes;

Reg II-2/5(a)(xv) of the Merchant Shipping (Safety convention) Regulations require the quantity of fire-extinguishing medium in the containers (cylinders) of a fixed gas fire-extinguishing system be checked once in every 4 years. It might be staggered the checking by having 25% of the containers (cylinders) checked annually, or 50% checked biennially or 100% checked quadrennially. If it is chosen to do the 50% checked biennially or 100% checked quadrennially, then a random check should be conducted on at least 5% of the total number of cylinders or 5 cylinders whichever is greater in those years when checking is not required.

1.0 HEALON INSTALLATIONS

The maintenance schedule to be followed as similar to those for FIXED CO₂ INSTALLATION.

1.0 FLXED FOAM SYSTEM

Chemical analysis of "foam liquid" (foam concentrates) for fixed fire-extinguishing systems shall be performed not later than 3 years after the foam concentrates are stored on board, and thereafter, every year. (Ref: MSC/Circ. 582 dated 23 April 1992 and MSC/Circ. 670 dated 5 January 1995).

4.0 PORTABLE FIRE EXTINGUISHERS

The condition of the charges of extinguishers other than CO₂ extinguishers, should be checked annually by a competent person (may be a ship officer as designated by the ship's master). (If on checking, there is any indication of deterioration the charges should be renewed and, in any case, at least every 4 years by shore establishments.)

- 4.1 CO₂ extinguishers and gas propellant cartridges of other extinguishers should be examined externally for corrosion and for loss of content annually either by shore establishment or by ship's officer as designated by the ship's master. They should be recharged or renewed if the loss of gas by weight exceeds 10% of the original charge as stamped on the bottle or cartridge, or have corroded excessively externally.

- 4.2 All portable fire extinguishers, other than CO₂ extinguishers, should be tested by hydraulic pressure once every 4 years at ashore.
- 4.3 CO₂ extinguishers which do not require to be recharged should be tested by hydraulic pressure 20 years after manufacture and thereafter every five years at ashore.
- 4.4 CO₂ extinguishers which require recharging should be pressure tested before being recharged if 4 years have elapsed since the last hydraulic test was carried out by ashore.
- 4.5 The maintenance schedule and testing of 45 LTRS FOAM AND 20/45 KG DRY POWDER EXTINGUISHERS WITH OR WITHOUT WHEEL DRIVEN fire extinguishers should be similar to those of portable fire extinguishers or be in accordance with manufacturer's recommendations.

BREATHING APPARATUS

- 5.1 The servicing of the breathing apparatus should be in accordance with the manufacturer's manual.
- 5.2 Hydraulic testing of the air bottles should be in accordance with the manufacturer's manual. In the absence of manufacturer's instruction, hydraulic testing should be carried out at intervals not exceeding 5 years. In the case of ultra lightweight type, hydraulic testing should be carried out at intervals not exceeding 3 years.
- 5.3 The maintenance and test of air bottles in enclosed lifeboat should be in accordance with manufacturer's recommendations. In any case, the air pressure in the air bottles should be checked at every survey to ensure that the air bottles are fully charged.

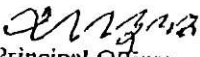
SURVIVAL SUITS AND FIRE FIGHTING SUITS

These should be serviced in accordance with the manufacturer's recommendations and instructions.

PERIODICAL SERVICING OF SURVIVAL CRAFTS LAUNCHING APPLIANCES AND ON-LOAD RELEASE GEAR (SOLAS AMENDMENTS 1996 REG. 20.11)

- 7.1 "Thorough examination and load/dynamic load test should" be carried out for Launching Davits, boat winches. An operational test should always be carried out as per specified interval but not beyond the interval stated in SOLAS.

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Principal Officer
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