	OISD-STD-142	03.02.2026
	INSPECTION, TESTING AND MAINTENANCE OF FIRE FIGHTING EQUIPMENT AND SYSTEMS	

1st Errata and Updation (February 2026)

The 1st Errata and Updation dated 03.02.2026 is issued for changes in Clause No. 4.1.2, 4.2.4, 4.4.2, 9.1.1, 9.1.2 and 9.1.4 of OISD-STD-142. It contains updates to the Hydrostatic test & Performance test of portable fire extinguisher as per revised IS-2190, issued in October-2024.

Clause No. 4.1.2, 4.2.4, 4.4.2, 9.1.1, 9.1.2, 9.1.4 shall read as follows:

4.1.2 INSPECTION, TESTING AND MAINTENANCE

The following inspection, testing and maintenance schedule shall be followed for all types of DCP fire extinguishers. Necessary corrective actions shall be taken wherever defects are noticed.

Sl. No	Activity	Frequency	Task
3	Hydrostatic test	Once in five years	• The shell of the DCP fire extinguisher along with cap and hose assembly shall be hydrostatically tested at 35 kg/cm^2 for 2.5 min duration (as per IS -2190). In case hose is not included in hydrostatic test, the same shall be replaced. • The safety valve of wheeled fire extinguisher shall be bench tested at rated test pressure.
4	Performance Test	Once in three years for Cartridge type and once in five Year for stored pressure type	• Performance test of fire extinguishers to be carried out as per IS-2190.

4.2.4 INSPECTION, TESTING AND MAINTENANCE

The following inspection, testing and maintenance schedule shall be followed for all **types of** CO_2 fire extinguishers. Necessary corrective actions shall be taken wherever defects are noticed.

Sl. No	Activity	Frequency	Task
3	Hydrostatic Test	Once in five years/ every time the cylinders are sent for recharging (after periodic discharge test or otherwise)	• The cylinder shall be hydrostatically tested before every refilling or once in 5 years, whichever is earlier, at 225 Kg/cm^2 for 30 seconds duration (as per IS 2190).

4.4.2 INSPECTION, TESTING AND MAINTENANCE

The following inspection, testing and maintenance schedule shall be followed for all types of clean agent fire extinguishers. Necessary corrective actions shall be taken wherever defects are noticed.

Sl. No	Activity	Frequency	Task
3	Hydrostatic Test	Once in five Year / every time when the cylinders are sent for recharging (after periodic discharge test or otherwise)	• Clean agent fire extinguisher shall be hydrostatically tested at 35 Kg/cm^2 for 2.5 min duration (IS-2190).

9.1.1 CHECK POINTS FOR DCP FIRE EXTINGUISHER

1. Stored Pressure Extinguisher.

Once in five years

a. Hydro testing

b. Performance test

2. Cartridge Operated Extinguisher

Once in five years

a. Hydro testing

3. Wheeled Extinguisher

Once in five years

a. Hydro testing

9.1.2 CHECK POINTS FOR CARBON DIOXIDE FIRE EXTINGUISHER

Once in five years:

a. Hydro testing of cylinder - once in five years/ every time when the cylinders are sent for recharging (after periodic discharge test or otherwise)

9.1.4 CHECK POINTS FOR CLEAN AGENT FIRE EXTINGUISHER

Once in five years:

a. Hydro testing - once in five years/ every time when the cylinders are sent for recharging (after periodic discharge test or otherwise)