

# Fire Extinguisher Inspection & Maintenance Checklist (IS 2190:2024)

Use this checklist during inspection rounds and attach service/HPT certificates for compliance.

## A) Asset Details

Site / Building	
Floor / Area / Location	
Extinguisher ID / Serial No.	
Type (Water / Foam / DCP / CO <sub>2</sub> / Clean Agent)	
Capacity	
Manufacturer & Model	
Year of Manufacture	
Last Service Date	

## B) Quarterly Inspection (~90 Days) – Clause 8.3

- Extinguisher installed at correct location and visible
- Access unobstructed; securely mounted
- Safety pin and tamper seal intact
- Instructions and BIS/Nameplate readable
- No dents, corrosion, leakage or damage
- Hose/nozzle not blocked; handle functional
- Pressure gauge in green zone / CO<sub>2</sub> weight within limit (~10%)
- If defect found → mark OUT OF SERVICE and replace immediately

## C) Annual Maintenance (6–12 Months) – Clause 8.4

- Performed by competent person
- External condition, pressure and parts checked
- No discharge required (except specific cases)
- Seals/washers replaced if needed
- Maintenance tag updated and certificate filed

## D) Five-Year Major Service – Clause 8.4.2.5

- Full discharge and internal inspection
- Cleaning of internal parts, nozzle and hose
- Replacement of defective components
- Reassembly and proper recharge
- Service report and certification completed

## E) Hydrostatic Pressure Testing (HPT) – Annex F

- Water/Foam: 3 years (35 kg/cm<sup>2</sup>, 150 sec)
- DCP/Clean Agent: 5 years (35 kg/cm<sup>2</sup>, 150 sec)

- CO■: 5 years (225 kg/cm<sup>2</sup>, 30 sec)
- No leakage or deformation (PASS condition)
- HPT certificate and next due date recorded

## F) Recharging – Clause 9

- Recharge after use, defect or 5-year service
- Use correct media as per nameplate
- Do not mix powder types (ABC/BC/D)
- Ensure no moisture before recharge
- Leak test completed and tag updated

## G) Final Status

READY FOR SERVICE	
OUT OF SERVICE	
Remarks	

■■ Safety Note: Hydrostatic testing and recharging involve pressure hazards. Always use trained personnel and proper facilities.