

NFPA
10
Standard for
Portable Fire Extinguishers
2018

NFPA 10 CODE REQUIREMENTS

INSPECTION TESTING AND MAINTENANCE

Monthly NFPA 10

Periodic inspection of fire extinguishers shall include a check of at least the following items:

- Location in designated place
- No obstruction to access or visibility
- Operating instructions on nameplate legible and facing outward
- Safety seals and tamper indicators not broken or missing
- Fullness determined by weighing or "hefting"
- Examination for obvious physical damage, corrosion, leakage, or clogged nozzle
- Pressure gauge reading or indicator in the operable range or position
- Condition of tires, wheels, carriage, hose, and nozzle checked (for wheeled units)

Annually NFPA 10

All work as outlined under "Monthly".

Fire extinguishers shall be subjected to maintenance at intervals of not more than 1 year, at the time of hydrostatic test, or when specifically indicated by an inspection.

A tag approved by the local authority will be placed on the fire extinguisher certifying it is readiness for immediate use. The tag shall be affixed to the extinguisher and should not be removed for a period of one year.

A conductivity test shall be conducted annually on all carbon dioxide hose assemblies. Hose assemblies found to be nonconductive shall be replaced.

Fire extinguishers removed from service for maintenance or recharge shall be replaced by a fire extinguisher suitable for the type of hazard being protected and shall be of at least equal rating.

At the time of the maintenance, the tamper seal of rechargeable fire extinguishers shall be removed by operating the pull pin or securing device. After the applicable maintenance procedures are completed, a new tamper seal shall be installed.

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5-Year Testing NFPA 10

At intervals not exceeding those specified below, fire extinguishers shall be hydrostatically retested. The hydrostatic retest shall be conducted within the calendar year of the specified test interval.

- AFFF (aqueous film-forming foam) 5 Years
- FFFP (film-forming fluoroprotein foam) 5 Years
- Dry chemical with stainless steel shells 5 Years
- Carbon dioxide 5 Years
- Wet chemical 5 Years

6-Year Maintenance NFPA 10

Every 6 years, stored-pressure fire extinguishers that require a 12-year hydrostatic test shall be emptied and subjected to the applicable maintenance procedures. The removal of agent from halon agent fire extinguishers shall only be done using a listed halon closed recovery system. When the applicable maintenance procedures are performed during periodic recharging or hydrostatic testing, the 6-year requirement shall begin from that date.

Each extinguisher that has undergone maintenance that includes internal examination or that has been recharged shall have a "Verification of Service" collar located around the neck of the container.

12-Year Testing NFPA 10

At intervals not exceeding those specified below, fire extinguishers shall be hydrostatically retested. The hydrostatic retest shall be conducted within the calendar year of the specified test interval.

- Dry chemical, stored-pressure 12 Years
- Halogenated agents 12 Years