



Portable Fire Extinguishers: Installation, Inspection & Maintenance

2.0 Hours 0.20 CEUs ICC Course #24924

The *Portable Fire Extinguishers: Installation, Inspection & Maintenance* virtual training course provides participants a general overview regarding the installation, inspection, and maintenance requirements of Portable Fire Extinguishers. This is segment 2 of a 3-part series. This segment must be taken before moving onto segment 3.

Content includes educating participants with the following topics:

- Installation of Extinguishers
 - Number of Extinguishers per Code
 - Location Requirements (Height/Weight)
 - Hangers, Brackets, Cabinets
 - Travel Distance and Class Types
- Difference between Inspection and Maintenance
 - Inspection and Maintenance Requirements
- Maintenance Checklist
 - Stored Pressure Extinguishers
 - CO₂ Fire Extinguishers
 - Cartridge-Operated Dry Chemical Fire Extinguishers
 - Wheeled Fire Extinguishers
- Instructor Demonstration: Inspection of Out-of-Service Extinguisher
- Review of Obsolete Fire Extinguishers
- Non-Compliant Examples

Learning Objectives:

- NFPA 10 Chapter gives guidance on calculating the minimum number of extinguishers required.
- If an extinguisher is less than or equal to 40 lbs, 5' is the maximum installation height. If it's more than 40 lbs, it's no less than 3.6' off of the floor.
- Operating instructions must face outward at all times.
- An inspection of a fire extinguisher can also be called a quick check and can be performed by the owner.
- Fire Extinguisher Maintenance is a thorough examination of the fire extinguisher and completed by a certified technician.
- The date (month and year) of internal maintenance, name/initials of person performing the test, and name of the organization performing the test must be on the maintenance label if no deficiencies are found.
- Fire Extinguisher Maintenance must occur a minimum of 1 time a year.
- The weight of a CO₂ Fire Extinguisher must match the weight listed on the nameplate.

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