

Certification: Certified Portable Fire Extinguisher Technician



Exam ID: FE

Scope:

The portable fire extinguisher technician is responsible for performing inspection, testing, and maintenance on portable fire extinguishers. The technician shall possess an understanding of standard practices and guidelines for service of fire extinguishers. In addition, he/she shall demonstrate a thorough understanding of and the ability to apply codes, regulations, manufacturer's requirements, and standards regarding fire extinguishers. The technician shall have in-depth knowledge of hazards inherent in different occupancies and be familiar with standard industry safety practices.

- 100 multiple-choice questions
- 2-hour limit
- Open book

01	Inspection	4%
0101	<u>Location and Condition</u> Verify the location, accessibility, and visual condition of the extinguisher.	4%
02	Annual Maintenance	20%
0201	<u>Identification of Extinguisher</u> Identify the extinguisher model and the specific manual.	2%
0202	<u>Examination</u> Perform external visual examination of the extinguisher to determine manufacture date and date of previous services and physical and mechanical condition to determine if hydrostatic testing, recharging, or internal maintenance is necessary or if it is eligible for continued service.	8%
0203	<u>Integrity</u> Verify model integrity and proper components of the extinguisher in accordance with the manual.	4%
0204	<u>Fill and Charge</u> Determine fill and charge of the extinguisher.	2%
0205	<u>Replacement or Repair</u> Repair or replace parts on the extinguisher.	4%
03	Six-year and Internal Maintenance	10%
0301	<u>Identification</u> Identify the extinguisher model and the specific manual.	2%
0302	<u>Agent Recovery</u> Determine the specific agent recovery requirements.	3%
0303	<u>Examination</u> Implement internal visual examination following the manual.	5%

04	Hydrostatic Testing	10%
0401	<u>Identification</u> Identify which components are required to have a hydrostatic test and type of test to be performed and necessary equipment.	4%
0402	<u>Inspection</u> Perform a visual inspection and the required test.	4%
0403	<u>Post-test Procedures</u> Perform the post test procedures on equipment after the test.	2%
05	Recharging	20%
0501	<u>Identification</u> Identify which components are required to be recharged, with necessary equipment and materials.	10%
0502	<u>Recharging</u> Recharge according to the manufacturer's instructions.	10%
06	Selection, Placement, and Installation	20%
0601	<u>Protection Determination</u> Determine the occupancy and/or hazards requiring protection, special concerns, and environmental conditions.	8%
0602	<u>Equipment Selection</u> Select the equipment suitable for the application.	6%
0603	<u>Placement Requirements</u> Determine placement requirements for the equipment selected.	3%
0604	<u>Installation</u> Install the equipment in accordance with codes, standards, and manufacturer's recommendations.	3%
07	Safety	4%
0701	<u>Safety Practices</u> Follow good safety practices.	4%
08	Recordkeeping	12%
0801	<u>Recordkeeping</u> Perform recordkeeping and documentation of actions, including but not limited to labels, collars, tags, and papers.	12%