

Student Handout

NFPA 10: Portable Fire Extinguishers

LEARNING OBJECTIVES

- Identify fire classes (A, B, C, D, K) and match them to appropriate extinguisher types.
- Explain key NFPA 10 requirements for selection, placement/installation, and readiness.
- Perform a basic monthly inspection and recognize common deficiencies.
- Apply the PASS method safely for incipient-stage fires and know when to evacuate.

KEY CONTENT

Fire classes and extinguisher types/agents

Understand fire classes (A, B, C, D, K) and which extinguisher agents are suitable for each.

Basic selection and rating concepts

Select extinguishers based on hazard type, size, and UL rating requirements.

Placement and accessibility

Ensure extinguishers are visible, unobstructed, and installed within required travel distances and mounting heights.

Inspection, maintenance, and testing overview

Conduct monthly visual inspections, annual maintenance, and periodic testing as required by NFPA 10.

Safe use: PASS method and maintaining an exit route

Apply the PASS method correctly and always maintain a clear and safe exit path.

Notes:
