

**Course Overview:**

This seminar is an intensive five days course emphasizing the benefits of inspected fire systems and their impact on loss prevention programs. Attendees will learn first-hand the principles and practices of maintaining, inspecting, testing, and troubleshooting fire protection and detection equipment to include fire protection water distribution systems

**Course Objective:**

- Locate and apply the inspection requirements for sprinkler system components with the exception of system valves.
- Locate and apply the testing requirements for sprinkler system components with the exception of system valves including:
  - Sprinklers
  - Pressure Gauges
  - Alarm Devices
- Locate and apply the inspection, testing, and maintenance requirements for sprinkler system.

**Course Outline:**

- Safety issues relating to fire systems inspection, maintenance, and testing
- Loss Control Programs
- Introduction to water based fire protection systems/equipment and their impact on loss control
- Responsibilities of fire protection systems/equipment maintenance personnel
- Understanding the hazard - an overview of the fire environment, fire control
- Fire hydrants: types, inspection, maintenance
- Fire pumps: types, inspection, maintenance, and testing
- Sprinkler head demonstrations
- Wet pipe and dry pipe fire protection sprinkler system inspection and maintenance
- Fire (attack) hose: inspection, service testing, and maintenance

**Who Should Attend:**

Anyone whose responsibilities include the inspection, testing, and maintenance of equipments-based fire protection systems including: maintenance professionals, sprinkler system contractors, building owners, and enforcement officials.

**Training Language:**

Eng/Ar

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation