

Automatic Fire Alarm Association

Fire Alarm System Testing and Inspection Seminar

1-day Course Outline (7 hours)

Course Description

This basic application course reviews the requirements for fire alarm systems testing and inspection; how to perform the tests properly; and how to conduct visual inspections in order to satisfy the requirements of NFPA 72-2010 *National Fire Alarm and Signaling Code* and NFPA 70-2008 *National Electrical Code*. This seminar is beneficial for installers performing acceptance or reacceptance tests of new fire alarm systems; service technicians performing periodic testing and inspection of existing fire alarm systems; building and fire inspectors witnessing acceptance and reacceptance testing; and personnel representing the owner, whom is responsible for the testing and inspection of fire alarm systems in their facilities.

7 Contact Hours Continuing Education - Participant must attend entire seminar to receive credit.

Course Materials

- Student workbook and handouts (provided)
- Calculator, pencils and note paper (Student to provide)

Course Outline

1. Why Test and Inspect?
 - A. Enforcement of requirements
 - B. "Selling" Testing and Inspections to the Owner
2. Visual Inspections
 - A. How to conduct a proper visual inspection
 - B. Documentation
3. Testing Requirements
 - A. Acceptance Testing
 - B. Reacceptance Testing
 - C. Periodic Testing
 - D. Documentation
4. Functional Tests
 - A. How to conduct the functional tests
 - i. Using a checklist (provided with course)
 - B. How to conduct sensitivity tests for smoke detectors