NFSA Seminar Information Sheet

Seminar Title: Inspection, Testing and Maintenance for the AHJ

Seminar Need: Based on member requests and industry input as requests from Authorities Having Jurisdiction for focused training on this subject as it relates to enforcement.

Seminar Description: This interactive seminar will provide an introduction to the various types of water-based fire protection systems as well as an in-depth exploration of the codes, standards and other documents that are used during the inspection and testing process.

Duration: 1 Day

Number of Modules: 5

Total Instructional Contact Minutes: 390 min. (7 CEUs and 7CPD)

Learning Outcomes:
At the conclusion of this seminar the participant will be able to:
1. Identify the appropriate sections of NFPA 25 that apply to administrative and enforcement requirements for system inspection, testing and maintenance.
2. Describe key terms used in the enforcement of NFPA 25.
3. Describe the role and responsibilities of building owners or their designated representatives
4. Recognize the difference between internal inspections and obstruction investigations and identify the need for each.
5. Identify the various steps in the Impairment Procedures for systems.
6. Identify various sprinkler system deficiencies and discuss why they need to be corrected.

Seminar Format(s): Lecture, Discussion, Activities

Participant Materials: Participant Guide

Instructor Support Materials: NFPA 25, Instructors Guide

Assessment Method: In-class participation and use of standard during activities
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<th>Seminar Schedule</th>
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<td>Module 2 - Key Definitions</td>
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<td>Break</td>
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<td>Module 3 - Owners Responsibilities</td>
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<td>Lunch</td>
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<td>Module 4 – Obstruction Investigations and Impairment Procedures</td>
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<td>Break</td>
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<td>Module 5 - Administrative Issues</td>
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Module Information

Title: Module 1 - Introduction and Overview of NFPA 25
Duration (min.): 60
Learning Outcomes:
At the conclusion of this module the participant will be able to:
1. Identify the structure of NFPA 25 and locate specific Inspection, Testing and Maintenance criteria.
2. Explain the difference between administrative chapters and the system chapters in NFPA 25.

Delivery Methods: Lecture and Activity
Activity Descriptions (if used): Find sections within the standard.
Assessment Method: Question and Answer

Title: Module 2 – Key Definitions
Duration (min.): 75
Learning Outcomes:
At the conclusion of this module the participant will be able to:
1. Identify the key definitions within Chapter 3 that impact the enforcement of the standard by the Authority Having Jurisdiction.
2. Explain the difference between deficiency and impairment
3. Explain the difference between inspection, testing and maintenance

Delivery Methods: Lecture and discussion
Activity Descriptions (if used): Review photos and identify system issues.
Assessment Method: Individual responses to photos and participation in discussion

Title: Module 3 – General Requirements
Duration (min.): 90
Learning Outcomes:
At the conclusion of this module the participant will be able to:
1. Identify the responsibilities for the Building Owner or Designated Representative relative to ITM.
2. Explain the requirements for record keeping.
3. Describe a Performance-based ITM program.

Delivery Methods: Lecture, discussion, activity
Activity Descriptions (if used): Review of ITM forms.
Assessment Method: Individual participation in discussion
Title: Module 4 – Obstruction Investigations and Impairment Procedures

Duration (min.): 75

Learning Outcomes:
At the end of this module the participant will be able to:
   1. Describe the requirements for internal inspection of piping
   2. Describe the triggers for an obstruction investigation
   3. Explain the requirements for System Impairment Programs
   4. Describe how system deficiencies may impact system impairment

Delivery Methods: Lecture, Activity and Discussion

Activity Descriptions (if used): View pictures of systems components and answer questions regarding identification and potential deficiencies.

Assessment Method: Individual responses to photos and participation in discussion

Title: Module 5 – Administrative Issues

Duration (min.): 90

Learning Outcomes:
At the end of this module the participant will be able to:
   1. Identify various sprinkler system deficiencies and discuss why they need to be corrected.
   2. Explain the reason and procedures for system operational tagging.
   3. Compare the administrative regulations in their municipality to those in NFPA 25.
   4. Describe the role and responsibilities of the Authority Having Jurisdiction in the Inspection, Testing and Maintenance process.
   5. Identify information necessary on Inspection, Testing and Maintenance forms.

Delivery Methods: Lecture, Activity and Discussion

Activity Descriptions (if used): Review and discuss the forms needed for inspection and testing.

Assessment Method: Individual responses and the completion of the preliminary record.