

# NFSA Seminar Information Sheet

**Seminar Title:** Understanding, Applying and Enforcing NFPA 25

**Seminar Description:** This highly interactive full day seminar describes the requirements for properly maintaining a water based fire protection system in accordance with NFPA 25. The seminar clearly describes the responsibilities for compliance & record keeping. It describes the specific scope of the standard, and identifies the various ways in which information related to changes in the system are handled. It describes the various Tables used in the standard, their specific purposes, and when to use which Tables. It involves the attendees in a significant number of exercises to describe various problems encountered, identify the proper section(s) of the standard that deals with it, and discuss how to deal with issues not covered by the standard that may still be encountered.

**Total Instructional Contact Minutes: 420 min. (0.7 CEUs and 7CPD)**

## **Learning Outcomes:**

At the conclusion of this seminar the participant will be able to:

1. Explain the areas to which the standard applies.
2. Explain areas to which the standard does not apply, and how those areas are addressed.
3. Explain the general definitions used in the standard that are common to all NFPA documents.
4. Explain the various definitions specific to the standard, and their meaning.
5. Discuss the impact and importance of the expanding number of definitions used in the standard and the necessity for them.
6. Discuss the various Tables utilized throughout the standard and explain their respective purposes.
7. Discuss and explain how to use the appropriate Table for the appropriate situation
8. Apply the various Tables in the standard to the appropriate situation.
9. Explain the difference between an internal inspection and an obstruction investigation
10. Discuss and demonstrate the various means by which information is provided to the owner, and the reasons for different methods.
11. Explain the difference between using an NFPA inspection report and an informational report.
12. Describe potential ways of impairing a system
13. Explain the difference between an emergency and a preplanned impairment.
14. Describe the steps taken to impair a system.
15. Describe the steps taken to restore a system to service.
16. Identify various situations and explain whether they are or are not within the scope of NFPA 25.
17. Describe how to properly report various situations that are or are not within the scope of NFPA 25.
18. Identify various situations and explain what actions are required to be taken in accordance with the requirements of NFPA 25
19. Identify various situations and explain what procedures must be followed after resolution of the issue.

## Seminar Schedule

Module 1 – Introduction, Scope	8:00 – 8:30
Module 2 – Definitions	8:30 – 9:30
Module 3 – General Requirements	9:30-10:15
<i>Break</i>	10:15-10:30
Module 4 – Use of Tables	10:30-11:15
Module 5 – Internal Inspection/Obstruction Investigation	11:15-12:00
<i>Lunch</i>	12:00-1:00
Module 6 – Impairments	1:00-2:00
Module 7- Administrative Issues	2:00- 2:30
<i>Break</i>	2:30- 2:45
Module 8- Exercises	2:45- 4:30

## Module Information

### **Title: Module 1 – Introduction & Scope**

**Learning Outcomes:** At the conclusion of this module the participant will be able to:

1. Describe and discuss the scope of NFPA 25.
2. Discuss the limitations of NFPA 25

### **Title: Module 2 – Definitions**

**Learning Outcomes:** At the conclusion of this module the participant will be able to

1. Explain the general definitions used in NFPA 25 and all NFPA documents
2. Identify & explain the definitions specific to NFPA 25
3. Explain how to deal with definitions not provided
4. Discuss the reasons for increases in definitions contained within the standards

### **Title: Module 3- General Requirements**

**Learning Outcomes:** At the conclusion of this module the participant will be able to:

1. Identify the responsibilities of the owner as related to NFPA 25
2. Identify what records are required and who is responsible for them
3. Explain the requirements for hazard evaluation
4. Explain the differences in responsibilities among the owner, the inspecting contractor & the AHJ

### **Title: Module 4 –Use of Tables**

**Learning Outcomes:** At the conclusion of this module, the participant will be able to:

1. Identify the various Tables used in NFPA 25
2. Describe the different purposes for the various Table
3. Identify which Table is appropriate for various conditions
4. Explain the information each Table provides
5. Explain the different criteria provided by the various Tables

**Title: Module 5 – Internal Inspection/ Obstruction Investigation**

**Learning Outcomes:** At the conclusion of this module, the participant will be able to:

1. Explain the difference between an internal inspection & an obstruction investigation
2. Describe the requirements for an internal piping inspection
3. Explain the exceptions to an internal pipe inspection and the reasons therefore
4. Identify the various triggers associated with an obstruction investigation
5. Explain the necessity for a specific set of rules dealing with ice obstructions
6. Explain how to properly conduct an internal piping inspection for ice obstructions

**Title: Module 6-Impairments**

**Learning Outcomes:** At the conclusion of this module, the participant will be able to:

1. Explain the basic definition of an impairment
2. Explain the difference between an emergency and a preplanned impairment
3. Discuss examples of how different systems may be impaired
4. Explain the role of the impairment coordinator
5. Identify who is responsible for filling the requirements of the impairment coordinator
6. Identify who must be notified when a system is impaired
7. Explain precautions needed when a system is impaired
8. Explain additional precautions required when a system is impaired for an extended period of time
9. Explain the necessary steps for returning a system to service

**Title: Module 7- Administrative Issues**

**Learning Outcomes:** At the conclusion of this module, the participant will be able to:

1. Explain the type of information NFPA 25 is seeking
2. Discuss the various types of information related to NFPA 25 activities in relation to the scope of the document
3. Discuss the purpose of NFPA 25, and how it was written to accomplish that purpose
4. Explain the difference between conditions or circumstances that are within and without the scope of the document
5. Explain how to provide information to the building owner for information that is either within or without the scope of NFPA 25
6. Explain how to clearly decide whether a condition or circumstance is or is not within the scope of NFPA 25
7. Explain the basic goal of NFPA 25

**Title: Module 8- Exercises**

**Learning Outcomes:** At the conclusion of this module, the participant will be able to:

1. Identify specific conditions/circumstances found during inspections/ tests
2. Identify the appropriate Table to use in order to answer the problem posed by various exercises
3. Explain whether the condition/circumstance is or is not within the scope of NFPA 25
4. Identify appropriate sections of the standard for reference, if appropriate
5. Explain what actions should be taken to resolve the situation
6. Explain how to properly report the findings to an owner
7. Offer potential methods for resolving the situation, if appropriate