



**NAFFCO**  
PASSION TO PROTECT



# NFPA 750 & 2001 - Water Mist and Clean Agent System Seminar

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# Course Introduction:

## **NFPA 750: STANDARD ON WATER MIST FIRE PROTECTION SYSTEMS**

### *What is NFPA 750?*

This standard protects life and property from fire through the standardization of design, installation, maintenance, and testing requirements for water mist fire suppression systems.

### *What does NFPA 750 address?*

Provisions relate to system components and hardware, system types, installation, design objectives and fire test protocols, design calculations, water supplies and atomizing media, plans and documentation, acceptance criteria, maintenance considerations, and marine systems.

## **NFPA 2001: STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS**

### *What is NFPA 2001?*

This standard contains requirements for total flooding and local application clean agent fire extinguishing systems. It is intended for use by those who purchase, design, install, test, inspect, approve, operate, and maintain engineered or pre-engineered gaseous agent fire suppression systems so they will function as intended when needed.

### *What does NFPA 2001 address?*

This document covers both halogenated agents and inert gases and includes general information on applicability of clean agents, uses and limitations, hazards to personnel, electrical clearances, environmental factors, and compatibility with other agents. Requirements address components, system design, local application systems, marine systems, inspection, maintenance, and training.

## **NFPA 750 AGENDA** Standard on Water Mist Fire Protection System

- |                                       |  |
|---------------------------------------|--|
| 1. History of Water Mist              | 9. Occupancy Protection Systems                      |
| 2. NFPA 750                           | 10. Water Supplies and Atomizing Media               |
| 3. General Principles                 | 11. NFPA 750 Plans and Documentation                 |
| 4. System Types                       | 12. NFPA 750 System Acceptance                       |
| 5. System Components                  | 13. NFPA 750 System Inspection Testing & Maintenance |
| 6. Applications of water mist systems |  |
| 7. System Design                      |  |
| 8. Methods of generating water mist   |  |

## **NFPA 2001 AGENDA**

### *Module 1 Objectives*

- Become familiar with the structure of NFPA 2001
- Understand the scope, purpose, and limitations of NFPA 2001
- Review important definitions

### *Module 2 Objectives*

- Be able to identify the types of clean agent
- Understand how clean agents extinguish fires
- Become familiar with the basic parts of a clean agent system
- Be able to identify appropriate uses for clean agent extinguishing systems

# Course Introduction:

## NFPA 2001 AGENDA *(cont.)*

### Module 3 Objectives

- Understand the environmental, health, and safety risks associated with clean agents
- Be able to identify and apply safe exposure limits

### Module 4 Objectives

- Be able to determine the appropriate design concentration for a specific hazard
- Be able to determine the minimum quantity of clean agent for a specific hazard
- Understand the requirements for duration of protection and enclosure strength
- Be able to locate nozzles per the manufacturer's listing

### Module 5 Objectives

- Be able to apply the local application design method per the manufacturer's listing

### Module 6 Objectives

- Understand how clean agents are stored
- Understand the purpose of a connected reserve supply of agent
- Be able to identify an appropriate location for agent cylinders

### Module 7 Objectives

- Be able to identify appropriate piping material, thickness, fittings, and joining methods for clean agent systems
- Understand the purpose of safety reliefs and check valves in clean agent systems
- Be able to design a manifold for multiple-cylinder systems
- Understand the methods and design limits for determining pipe sizes

## NFPA CERTIFICATES OF EDUCATIONAL ACHIEVEMENT



### FAQ (Frequently asked questions) :

#### *1. What does my certificate of educational achievement mean?*

Certificate of educational achievement demonstrates that you have met the educational objectives of the NFPA training program which makes no claims as to your proficiency in conducting any specific task or job.

#### *2. Why should I participate in a NFPA certificate program?*

Certificate programs are based on established best practices in adult education. These programs go beyond the traditional seminars by measuring your knowledge on the subject matter taught. Certificates of educational achievement are awarded to demonstrate the educational objectives of the training program you have attended.

# ENROLLMENT FORM



To register this seminar please , send the completed enrollment form to : [nfpaservices@naffco.com](mailto:nfpaservices@naffco.com)

Attendee Information (please fill out one form for each person subscribing for training)

First Name	<input type="text"/>	Last Name	<input type="text"/>
Title / Department	<input type="text"/>	Company	<input type="text"/>
Address	<input type="text"/>	City	<input type="text"/>
Postcode / ZIP	<input type="text"/>	Country	<input type="text"/>
Mobile Phone	<input type="text"/>	Office Phone	<input type="text"/>
Email	<input type="text"/>	Fax No.	<input type="text"/>

please tick:

I ENROLL TO THE BELOW SELECTED SEMINAR AND HERE WITH ACCEPT THE FEE MENTIONED .

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## TERMS & CONDITIONS

### PAYMENT

100% advance cash or 100% advance through bank transfer.

### Cancellation & No Show Policy:

- Candidates who cancel their registration before 15 days of the event will be charged 50% on course fee or they can change it for any later courses of the same amount.
- Candidates who cancel the course before 7 days of the event **should pay the full amount.**