



# 2023 TRAINING PROGRAM



# NAFFCO TRAINING PROGRAM 2023

## (CLASSROOM TRAINING)

LOCATION: DUBAI, UNITED ARAB EMIRATES

DATE	COURSE NAME	COURSE FEE
20-24 February	NFPA® 72 Fire Alarm & Signaling Code	\$ 2,050.00
22-24 May	NFPA® 92 Smoke Control Systems	\$ 1,500.00
19-23 June	Certified Fire Inspector	\$ 2,500.00
21-25 August	NFPA® 101 Life Safety Code	\$ 2,050.00
18-22 September	NFPA® 13 Installation of Sprinkler System	\$ 2,050.00
23-27 October	NFPA® 20 Stationary Fire Pumps & NFPA® 25 Inspection, Testing & Maintenance of Water-Based Fire Protection System	\$ 2,050.00
20-22 November	SFPE Fire Risk Assessment	\$ 1,365.00
18-22 December	CFPS Certification Program	\$ 2,500.00

**\*NOTE**

- The course fee mentioned is inclusive of training, study materials, workshop and examination.

RESERVE TODAY

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## NFPA® 72 FIRE ALARM AND SIGNALING CODE

20-24 FEBRUARY

Advance your expertise with fire alarm and signaling system design and installation through 5-days of interactive classroom training developed by NFPA®, the Code source. Expert-led instruction covers the changing role of traditional fire alarm systems and how to interpret and apply NFPA® 72 correctly and efficiently.

### AGENDA

- Introduction and Overview
- The Basics
- Initiating Devices
- Notification Appliances
- Control Units and Power Supplies
- Circuits and Pathways
- Emergency Control Function Interfaces
- Off-Premises Signaling
- Planning, Documentation, Approval and Acceptance
- Summary
- Exam

### OBJECTIVES

- List the steps and stakeholders in the life cycle of a fire alarm system.
- Design an appropriate fire detection system for a given scenario.
- Design a notification system for a given scenario.
- Plan the zoning and annunciation of an alarm system.
- List key requirements for primary power and the protection of primary power.
- Identify and apply circuit/pathway wiring requirements.
- Plan emergency control functions for a given scenario.
- Identify the types of supervision station alarm systems and how they are commonly used.
- Develop a record-keeping program in accordance with code requirements while on the job.

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# NFPA® 92 SMOKE CONTROL SYSTEMS

22-24 MAY

NFPA® 92 covers all types of systems used to address the impact of smoke from fire, with mandatory provisions for the design, installation and testing of both new and retrofitted smoke control systems in buildings including openings and leakage through egress doors in stairways.

Understanding the key concepts of the Smoke Control Systems smoke control in buildings requires a comprehensive approach integrating various building characteristics, features and systems. NFPA® 92 is designed to protect life and reduce property loss by establishing requirements of smoke control systems used to mitigate the impact of smoke from fire.

## AGENDA

- Module 1: Welcome
- Module 2: Introduction to NFPA® 92
- Module 3: Background and Definitions
- Module 4: Design Fundamentals
- Module 5: Smoke Management Calculation Procedures
- Module 6: System Components
- Module 7: Documentation
- Module 8: Testing
- Module 9: Computer-Based Modules or Aria and Malls
- Module 10: Introduction to Network Modeling / CONTAM
- Exam

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## CERTIFIED FIRE INSPECTOR I (CFI) CERTIFICATION

Based on NFPA® 1031, NFPA® 1, NFPA® 13, NFPA® 25, NFPA® 72 & NFPA® 101

19-23 JUNE



The authority having jurisdiction in most states require fire inspectors to be certified by a nationally recognized entity. NFPA®'s Certified Fire Inspector program is a ProBoard accredited certification.

### CFI-I PROGRAM GOALS

- Enhance professionalism within the fire inspection community
- Ensure a uniform, fair process for certification that is accessible to everyone who is eligible
- Ensure proficiency in the use of codes and standards
- Facilitate success for those seeking certification
- Promote professional development through continuous learning
- Recognize and provide evidence of competence as related to NFPA® 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner

### FEATURES & BENEFITS

CFI-I credential holders receive the following benefits:

- A Pro Board recognized certification
- Recognition as an expert by your colleagues
- Greater confidence in your abilities
- Improved job performance
- Career advancement opportunities

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## NFPA® 101 LIFE SAFETY CODE

21-25 AUGUST

NFPA® 101, Life Safety Code, is the most widely reference source for occupant safety strategies based on construction, protection and occupancy features in all stages of building life cycle. Relevant to life safety in both new and existing structures. NFPA® 101 covers everything from means of egress and features of fire protection to hazardous materials emergencies, injuries from falls and emergency communication.

The code applies to nearly all types of occupancies and structures, including residential, business, mercantile, healthcare, daycare and assembly occupancies.

### AGENDA

- Module 1: Fundamental Code Concepts and Organization
- Module 2A: Means of Egress - The Basics
- Module 2B: Means of Egress - Sizing and Arrangements
- Module 2C: Means of Egress - Awareness
- Module 3: Features of Fire Protection
- Module 4: Building Rehabilitation Capstone Project
- Module 5: Special Provisions and Operating Features
- Exam

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# NFPA® 13 INSTALLATION OF SPRINKLER SYSTEM

18-22 SEPTEMBER

This five-day program covers the requirements of NFPA® 13 and teaches participants to verify proper installation and use of sprinklers systems. Participants will also learn about new and revised requirements reflecting the latest developments and safety practices in the field and how to incorporate them on the job. Collaborative exercises and discussion led by industry experts share new concerns, vital fundamentals and the knowledge required for comprehensive understanding on top-quality installations. You'll be more confident and efficient in your designs, installations and analysis through interactive instruction that engages participants in the full range of NFPA® 13 application. This classroom training will allow you to locate, interpret and correctly apply the requirements in NFPA® 13.

## AGENDA

- Module 1 – Introduction and Overview
- Module 2 – Water supplies and Underground Piping
- Module 3 – Systems Basics and Design
- Module 4 – System Components
- Module 5 – Putting NFPA® 13, to use; Non-Storage Areas
- Module 6 – Putting NFPA® 13, to use Storage Areas
- Module 7 – VF Project and Wrap up
- Exam

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## NFPA® 20 STATIONARY PUMPS FOR FIRE PROTECTION

23-27 OCTOBER

This 2½ day programs provides instruction on the full range of topics of fire pump system, major components and accessories, fire pump characteristics, electrical requirements and acceptance testing of fire pump systems. The program provides the information needed to understand the installation and application of fire pump systems. Upon completion, participants should be able to implement and interpret the codes and information outlined in each of the following modules.

### AGENDA

- Module 1: Introduction and Overview
- Module 2: Fire Pump Basics
- Module 3: Pump Selection Criteria
- Module 4: Driver Selection Criteria
- Module 5: Installation Requirements
- Module 6: Acceptance Testing and Close Out
- Module 7: Training Summary
- Exam

## NFPA® 25

This 2½ day programs provides instruction on the full range of topics involved in conducting tests, inspections and maintenance of water-based fire suppression systems to keep them in compliance and in top working order. This program is perfect for personnel involved with systems maintenance of for designers and installers who want full understanding of sprinklers system maintenance. Upon completion, participants should be able to implement and interpret the codes and information outlined in each of the following modules.

### AGENDA

- Module 1: Introduction and Overview of NFPA®
- Module 2: Inspections and Record Keeping
- Module 3: System Components
- Module 4, 5, 6, 7, 8, 9, - Weekly, Monthly, Quarterly, Semi-Annual, Annual, Beyond the Annual Inspection, Testing and Maintenance
- Module 10: Wrap Up
- Exam

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# SFPE, FIRE RISK ASSESSMENT

20-22 NOVEMBER



This 3-day course following a brief overview of the Guide, participants will be divided into working groups that will be tasked with applying the SFPE Guide to a specific project. Groups will be able to choose from a selection of projects that include: a historic building, a high-rise residential occupancy, or a petroleum industry facility. In addition to applying the Guide to their specific project, participants will also review the work of other groups to broaden their understanding of the concepts of a fire risk assessment.

## COURSE OBJECTIVES:

Upon completion of this course participants will be able to:

- Describe the various steps associated with a fire risk assessment, as outlined in the SFPE Engineering Guide to Fire Risk Assessment.
- Evaluate a project, prepare representative goal statements, objective statements, boundary conditions and assumptions.
- Prepare a fire hazard assessment for a designed project.
- Identify a minimum of eight fire scenarios that need to be included in the fire risk assessment.
- Identify the data needs and potential sources of the data needed. - Evaluate various tools and methods available to assist in preparing a fire risk assessment and determine the appropriate one to be used for a given project.

## PREREQUISITE

- Participants should have a fundamental understanding of the SFPE Engineering Guide to Fire Risk Assessment.

## TARGET AUDIENCE

- FPE's, Code Officials, Facility Engineers, Plan Reviewers, Design Professionals (Architects/Engineers)

## MATERIALS

- SFPE Engineering Guide to Fire Risk Assessment.

## COURSE ASSESSMENT

- Participants will take a written exam upon completion of the course.



## CERTIFIED FIRE PROTECTION SPECIALIST (CFPS) CERTIFICATION

18-22 DECEMBER



Based on the NFPA®'s Fire Protection Handbook

For fire protection professionals looking to take their careers to the next level, Certified Fire Protection Specialist is a graduate-level, internationally recognized, professional credential.

Prized by fire protection consultants, risk managers, fire officers, safety managers, engineers, facility managers and code enforcers, CFPS is the gold standard credential for the application of fire safety, protection, prevention and suppression technologies.

### CFPS ELIGIBILITY *(ONE OF THE FOLLOWING CRITERIA)*

- Bachelor's degree in engineering, technology, or other related discipline from an accredited college or university, plus two years of verifiable work experience dedicated to curtailing fire loss, both physical and financial.
- Associate's degree in engineering, technology or other related discipline from an accredited college or university, plus four years of verifiable work experience dedicated to curtailing fire loss, both physical and financial.
- High school diploma, plus six years of verifiable work experience dedicated to curtailing fire loss, both physical and financial.

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