



*Training Course:
Certified Fire Protection Specialist*

*18 - 22 April 2027
Cairo (Egypt)*

Training Course: Certified Fire Protection Specialist

Training Course code: SC234771 From: 18 - 22 April 2027 Venue: Cairo (Egypt) - Training Course Fees: 4100 € Euro

Introduction

The Certified Fire Protection Specialist CFPS program is designed to prepare professionals for the CFPS certification exam, which is globally recognized for fire protection credibility and competence. Fire protection specialists are tasked with ensuring the safety of public and private spaces from fire hazards and maintaining the continuity of operations in case of fire emergencies. This training program adheres to the standards outlined by the National Fire Protection Association NFPA and prepares candidates to meet the latest knowledge requirements of the CFPS certification.

Program Objectives:

- Equip participants with the knowledge and skills required to reduce fire risks and implement effective fire protection strategies.
- Prepare candidates for the CFPS certification exam through a comprehensive study of NFPA standards.
- Provide practical tools and best practices for fire prevention, suppression systems, and emergency response.

Target Audience

This training is intended for:

- Risk Managers
- Loss Control Specialists
- Fire Officers
- Fire Marshals
- Fire Inspectors
- Safety Managers and Consultants
- Designers, Engineers, and Code Enforcers
- Facility Managers and Emergency Response Personnel
- Others with responsibilities in fire safety, protection, and prevention

Outline

Day 1: Introduction to Fire Protection & CFPS Certification

- Overview of CFPS Certification Program
 - Eligibility requirements and program structure
 - Responsibilities of CFPS-certified professionals
- Fire Science Basics
 - Introduction to fire behavior, combustion, and suppression
 - Understanding fire hazards and risk assessment
- Fire Protection Systems Overview
 - Detection systems

- Fire alarm systems
- Suppression systems and fire extinguishers

Day 2: Fire Hazards and Risk Management

- Occupancy Classifications and Fire Safety
 - Classifying occupancies based on fire safety standards NFPA 101®
 - Identifying fire risks in various building types
- Fire Hazard Analysis FHA
 - Components of an FHA and risk assessment
 - Handling flammable liquids and hazardous materials
 - Proper storage and handling protocols
- Fire Protection in Buildings
 - Identifying and implementing fire prevention measures
 - Best practices for building maintenance and fire protection

Day 3: Fire Suppression Systems & NFPA Standards

- NFPA 13: Sprinkler System Design
 - Design requirements, system components, and installation standards
 - Water supplies and underground piping
- Stationary Fire Pumps NFPA 20
 - Sizing and performance of fire pumps
 - Pump system layout and considerations
- Advanced Fire Suppression Techniques
 - Special systems for IT, chemical hazards, and high-risk areas
 - Fire suppression agents and appropriate applications

Day 4: Fire Alarm Systems and Life Safety Code

- NFPA 72®: Fire Alarm Systems
 - Alarm initiating devices and notification appliances
 - Circuit design, pathways, and off-premises signaling
 - Inspection and testing protocols
- Life Safety Code NFPA 101®
 - Egress design, sizing, and visibility
 - Fire protection features in various occupancy types healthcare, residential, etc.
 - Rehabilitation and fire safety for older buildings
- Building Fire Protection Strategies
 - Fire protection for mercantile, industrial, residential, and assembly occupancies

Day 5: Application and Capstone Review

- Practical Application of Fire Safety Standards
 - Pre-incident planning and fire safety equipment
 - Fire hazards on construction sites
 - Understanding water supply requirements and fire flow
- Capstone Summary Module and Practice Exam
 - Review of key fire protection principles and case studies
 - Full-length practice exam simulating the CFPS certification exam
- Final Tips and Certification Preparation
 - Exam-taking strategies

- Key resources for continued learning and exam success

Registration form on the Training Course: Certified Fire Protection Specialist

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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