



HSE292

CERTIFIED FIRE

Protection Specialist

Course Introduction:

Fire Safety program strives to provide certified fire protection specialist (CFPS) with access to effective training, education and updated information for attaining professional competencies in CFPS. This course is designed to enable fire officials to enhance their management knowledge and skills in order to more effectively and efficiently enact their roles and responsibilities. The course includes instructions related to organizing, communications, directing, controlling, management and leadership skills, inspections, risk assessment, crisis management and KPI monitoring and decision-making.

The CFPS Primer is designed to provide practical guidance for professionals in fire protection, safety, and prevention. While it isn't a test preparation seminar, it offers valuable instruction on how to efficiently locate and utilize reference standards like NFPA and OSHA. This can enhance your understanding and application of essential safety protocols in your work. Participants can expect to improve their familiarity with relevant standards, ultimately supporting their professional development in the field.

Course Objectives:

At the completion of the course participants will be able to:

- Under the reference standards of NFPA, OSHA, ILO of Fire Prevention System
- Describe the incident/event management process for supervisors and expanding incidents as prescribed by the Incident Command
- Implement the incident management process
- Recommend appropriate standards and practices
- Develop an Incident Action Plan for a simulated incident

Who Should Attend?

ALL TYPES OF INDUSTRIES THAT INCLUDES CHEMICAL, MANUFACTURING, AGRICULTURAL, HOSPITAL, HOTEL, FOOD, ETC

- Plant Managers
- Designers
- Maintenance Engineers
- Risk specialists
- Executives
- Safety personnel
- Safety Committee

- Security Manager and Officers
- Supervisors
- Designated leaders
- Fire Brigade Selected Staff

Course Outline:

DAY 1

AN OVERVIEW OF NFPA STANDARDS

- Objective
- History and Events
- NFPA 70 - National Electrical Code (NEC)
- NFPA 70B - Recommended Practice for Electrical Equipment Maintenance
- NFPA 70E - Standard for Electrical Safety in the Workplace
- NFPA 72 - National Fire Alarm Code
- NFPA 704 - Standard System for the Identification of the Hazards of Materials for Emergency Response
- NFPA 853 - Standard for the installation of stationary fuel cell power systems
- NFPA 921 - Guide for Fire and Explosion Investigations
- NFPA 101 - Life Safety Code
- NFPA 1123 - Code for Outdoor Firework Displays
- NFPA 1901 - Standard for Automotive Fire Apparatus

DAY 2

OSHA, ILO AND FIRE PREVENTION RELATED STANDARDS

- Objectives
- Standards and Guidelines
- 29 of the Code of Federal Regulations (CFR)
- OSHA Regulations - §1901 and §1910,
- Fire §1926
- Fire apparatus
- Fire extinguisher - The NFPA classifies extinguishers into the familiar A, B, C, D, & K use system
- Fire Equipment Manufacturers' Association

DAY 3

FIRE PREVENTIVE MANAGEMENT

- Policy and Procedures

- Compliance & Commitments
- Fire Prevention System and Extinguishing Media
- Program Establishment
- Committee and Fire Brigade
- Facility Arrangement
- Tools & Equipment
- Checklist
- Trainings
- Fire Fighters
- Continuous Improvement Plan

DAY 4

FIRE HAZARD IDENTIFICATION AND CONTROL

- Objectives of Hazards Identification
- Classification of Hazards
- Plan Inspection
- Risk Assessment
- Building Operation in conformance with Design
- Fire Alarm and Detectors

DAY 5

EMERGENCY RESPONSE PLAN

- Policies with respect to emergency management
- Preparing for a disaster
- Initiating an emergency response
- Public warning systems
- Community disaster assistance
- Management teams to oversee the incident
- Housing facilities
- Wrapping up the emergency response
- List of disaster & resource contacts

Competency Exam

Presentation of Completion Certificate

IAOSHE International Certification (will receive after 10 working days)

Course Certificate:

International Center for Training & Development (ICTD) will award an **ICTD Completion Certificates** and **IAOSHE international certification** for each delegate on completion of training.

Course Methodology:

Structured information session; multiple sense learning principle; meaningful material learning principle includes: i) lectures and training material ii) discussion iii) case studies iv) video presentation, v) presentation-power point.

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day, ICTD completion certificate and IAOSHE International Certificate & Wallet Card.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session