

GLOBAL EXPERTS INSTITUTE FOR TRAINING.
ISO 9001-2008 TRAINING PROVISION CERTIFIED

Fire Protection and Engineering Technology

Schedule Dates:

Start Date	End Date	Place
4 NOV 2024	8 NOV 2024	Hotel Perciados - Madrid

Program Introduction:

Fire Protection and Engineering Technology is an essential field that focuses on safeguarding life, property, and the environment from fire hazards. This training course is designed to provide participants with a comprehensive understanding of fire protection principles, engineering techniques, and advanced technologies. It covers a wide range of topics including fire behavior, detection systems, suppression technologies, and safety regulations. Through practical case studies and interactive sessions, participants will gain the knowledge and skills required to design, implement, and manage effective fire protection systems.

Program Objectives:

- ✓ To provide a deep understanding of fire dynamics and behavior.
- ✓ To familiarize participants with the latest fire detection and suppression technologies.
- ✓ To enhance skills in designing and implementing fire protection systems.
- ✓ To understand the role of engineering in fire prevention and safety.
- ✓ To ensure compliance with fire safety standards and regulations.
- ✓ To develop effective fire risk assessment and management strategies.
- ✓ To explore advanced engineering solutions for fire protection.
- ✓ To train participants in emergency response and fire safety planning.
- ✓ To discuss the latest trends and innovations in fire protection technology.
- ✓ To provide hands-on experience with fire protection equipment and systems.

Who should attend?

- Fire protection engineers and safety professionals.
- Facility managers and building maintenance personnel.

- Architects and structural engineers involved in building design and safety.
- Health, Safety, and Environment (HSE) officers and coordinators.
- Government and regulatory authorities responsible for fire safety standards.
- Emergency response teams and fire safety trainers.
- Individuals interested in pursuing a career in fire safety and engineering.

Program Outlines

Day One

- ✓ Introduction to Fire Protection Engineering.
- ✓ Fire Dynamics and Behavior Analysis.
- ✓ Fire Detection Technologies and Alarm Systems.
- ✓ Fire Suppression Systems: Water-Based and Gas-Based Solutions.

Day Two

- ✓ Passive Fire Protection Methods and Materials.
- ✓ Fire Safety in Building Design and Construction.
- ✓ Fire Risk Assessment and Management.
- ✓ Emergency Planning and Evacuation Procedures.

Day Three

- ✓ Fire Safety Codes, Standards, and Regulations.
- ✓ Combustion Science and Heat Transfer.
- ✓ Human Behavior in Fire Emergencies.
- ✓ Fire Safety in Industrial and Hazardous Environments.

Day Four

- ✓ Advanced Engineering Solutions for Fire Safety.
- ✓ Smoke Control and Ventilation Systems.
- ✓ Fire Incident Investigation and Analysis.
- ✓ Fire Safety in Electrical and Mechanical Systems.

Day Five





- ✓ Innovative Technologies in Fire Protection.
- ✓ Best Practices for Fire Safety Management.
- ✓ Case Studies in Fire Engineering and Protection.
- ✓ Practical Demonstrations and Hands-on Training

Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

Cost Quotation in Kuwaiti Dinars

The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification
-  Lunch Included

Total Cost: 1500 KD per Participant
(One Thousand Five Hundred Kuwaiti Dinar)