

Advanced Fire Safety Management Training

Course Title	Advanced Fire Safety Management Training
Country	London
Location	4-5 Star Hotel
Time	8AM - 2PM
Date	2026 - 2027

Program Overview

The **Advanced Fire Safety Management Training** program is designed to equip senior safety professionals, engineers, and supervisors with advanced knowledge and management skills to prevent, control, and respond to fire and explosion risks in high-hazard environments. The course emphasizes strategic fire risk management, leadership during emergencies, compliance with international fire safety standards, and continuous improvement of fire protection systems and emergency preparedness programs across industrial facilities.

Key Learning Objectives

Participants will be able to:

- Develop and implement advanced fire safety management systems.
- Conduct comprehensive fire risk assessments and gap analyses.
- Apply international fire safety codes and standards (NFPA, ISO, OSHA, API).
- Manage fire protection systems, inspections, and performance monitoring.

- Lead emergency response operations using structured command systems.
- Investigate fire incidents and implement corrective and preventive actions.
- Integrate fire safety into overall HSE and business continuity strategies.

Target Audience

- Fire Safety Managers & Officers
- HSE Managers and Supervisors
- Emergency Response & Incident Commanders
- Plant, Facility & Operations Managers
- Maintenance & Reliability Engineers
- Risk Management & Compliance Personnel

Proposed 5-Day Timetable

Day 1 – Advanced Fire Science & Risk Management

- Advanced fire dynamics and explosion behavior
- Fire load calculations and hazard classification
- Fire risk assessment methodologies
- High-risk area identification and zoning

Day 2 – Fire Safety Codes, Standards & Compliance

- In-depth review of NFPA, ISO, OSHA, API standards
- Fire safety regulatory compliance and audits
- Performance-based fire protection design concepts
- Documentation, permits, and fire safety management plans

Day 3 – Fire Protection Systems Management

- Management of fire detection and alarm systems
- Fixed and mobile fire suppression systems
- Inspection, testing, and maintenance (ITM) programs
- Reliability and lifecycle management of fire systems

Day 4 – Emergency Leadership & Incident Command

- Emergency preparedness and response planning
- Incident Command System (ICS) and decision-making
- Crisis communication and coordination
- Managing large-scale and multi-agency emergencies

Day 5 – Incident Investigation, Audits & Continuous Improvement

- Fire incident investigation techniques
- Root cause analysis and lessons learned
- Fire safety audits and performance KPIs
- Case studies from major industrial fire incidents
- Final assessment, group exercise & course wrap-up