

CHECK INSTALLED FIRE SAFETY SYSTEMS

“Ensure the safety, operability, and compliance of fire safety systems through systematic inspection and performance testing.”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► Available delivery methods: In-House Training

Introduction

This hands-on training course is designed to equip participants with the knowledge and skills needed to inspect and assess installed fire safety systems in buildings and facilities. Through practical exercises and expert guidance, participants will gain a deep understanding of fire system components, regulatory standards, maintenance procedures, and documentation requirements. The training aligns with international standards including NFPA, BS EN, and local codes, helping participants ensure that fire systems meet functional, operational, and legal requirements.

Objectives

- By the end of this course, participants will be able to:
- Identify various types of fire safety systems and components
 - Conduct detailed inspections and performance tests
 - Interpret codes, standards, and compliance criteria
 - Recognize common deficiencies and recommend corrective actions
 - Document inspection findings and ensure maintenance procedures

Why Attend

- Gain technical expertise on key fire protection systems
- Ensure safety, compliance, and risk reduction in facilities
- Improve your value in safety-critical roles
- Learn how to support insurance and audit requirements

Target Audience

- Facility and Building Maintenance Personnel
- Fire Safety Inspectors and Auditors
- HSE and Compliance Officers
- Engineers and Technicians
- Security and Emergency Response Staff

Individual Benefits

- Strengthen your practical inspection and troubleshooting skills
- Advance your qualifications in safety-critical functions
- Gain confidence in identifying system faults and gaps
- Learn to apply safety codes and standards accurately

Organizational Benefits

- Reduced risk of fire-related incidents and liabilities
- Improved compliance with regulatory and insurance requirements
- Better emergency readiness and system reliability
- More efficient maintenance and testing operations

Instructional Methodology

- Strategy Briefings – International codes, fire safety principles, inspection plans
- Case Studies – Incidents involving system failures and lessons learned
- Workshops – Inspection checklists, walkthrough assessments, reporting
- Peer Exchange – Discussion on inspection challenges and facility types
- Tools – Sample documentation templates, maintenance logs, fault reporting forms

Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM **Daily Format:** 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Fire Safety Systems

Module 1: Overview of Fire Protection and Suppression Systems (07:30 – 09:30)

- Fire triangle, fire hazards, and system purposes
- Detection, suppression, and containment systems

Module 2: Fire Codes, Standards, and Legal Requirements (09:45 – 11:15)

- NFPA, BS EN, local laws and inspection criteria

Module 3: Fire System Components and Layouts (11:30 – 01:00)

- Smoke detectors, alarms, sprinklers, extinguishers, hydrants

Module 4: Workshop – Identifying Installed Fire Safety Systems (02:00 – 03:30)

Day 2: Inspection Planning and Documentation

Module 1: Developing Inspection Checklists (07:30 – 09:30)

- Key parameters, frequencies, and stakeholder inputs

Module 2: Types of Fire Safety Inspections (09:45 – 11:15)

- Visual checks, functional tests, compliance audits

Module 3: Recordkeeping and Reporting Standards (11:30 – 01:00)

- Inspection forms, issue logs, maintenance documentation

Module 4: Exercise – Drafting a Fire Safety Inspection Plan (02:00 – 03:30)

Day 3: Inspection of Active Fire Systems

Module 1: Alarm and Detection System Testing (07:30 – 09:30)

- Smoke/heat detectors, control panels, signal pathways

Module 2: Sprinkler and Fire Pump Systems (09:45 – 11:15)

- Flow rates, valves, pressure, pump functionality

Module 3: Fire Extinguishers and Hose Reels (11:30 – 01:00)

- Types, placement, seal checks, pressure gauges

Module 4: Onsite Walkthrough or Case Simulation (02:00 – 03:30)

Day 4: Inspection of Passive Systems and Emergency Features

Module 1: Passive Fire Protection Elements (07:30 – 09:30)

- Fire doors, barriers, dampers, wall ratings

Module 2: Emergency Evacuation Features (09:45 – 11:15)

- Signage, lighting, egress paths, evacuation plans

Module 3: Maintenance and Corrective Actions (11:30 – 01:00)

- Scheduling, vendor support, system logs

Module 4: Peer Discussion – Inspection Issues in Real Facilities (02:00 – 03:30)

Day 5: Integrated System Evaluation and Final Assessment

Module 1: Integrated System Testing and Drills

(07:30 – 09:30)

- Combining detection, alarms, suppression in simulations

Module 2: Reporting and Communication with Stakeholders (09:45 – 11:15)

- Writing inspection summaries and action plans

Module 3: Final Project – Facility Fire Safety Audit Plan (11:30 – 01:00)

- Group presentations and gap assessments

Module 4: Certification Ceremony and Course Wrap-Up (02:00 – 03:30)

Certification

Participants will receive a **Certificate of Completion – Fire Safety System Inspection & Compliance**, demonstrating their competence in inspecting, testing, and maintaining installed fire safety systems in accordance with international standards.

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