

Training Title

FIRE FIGHTING EQUIPMENT MANAGEMENT

Training Duration

5 days

Training Date

HS303	Fire Fighting Equipment Management	5	19 - 23 Feb, 2024	\$6,500	London, UK
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In the below 5 star hotel as mentioned. The exact venue will be informed once finalized.

1. Events at Marble Arch

Central Cluster Meetings, Events and Group Sales - The Cumberland Hotel and Thistle Marble Arch

T. +44 (0) 207 523 5060

W. clermonthotel.group | A. Thistle Marble Arch, Bryanston St, Marylebone, London, W1H 7EH

Training Fees

\$6,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

Language: English

INTRODUCTION

Welcome to the Fire Fighting Equipment Management course, designed to empower participants with the knowledge and skills necessary to ensure effective fire safety within various environments. This comprehensive program explores the intricacies of managing and maintaining firefighting equipment, from traditional fire extinguishers to advanced sprinkler systems and emerging technologies. Participants will engage in hands-on exercises, real-life simulations, and in-depth discussions to foster a deep understanding of fire safety principles.

In an ever-changing world, the importance of effective fire safety management cannot be overstated. Whether you are a safety professional, facility manager, or someone passionate about ensuring the well-being of your community, this course has tailored to equip you with the expertise needed to navigate the complexities of Fire Fighting Equipment Management.

Why This Course Matters:

Fire emergencies pose a significant threat to lives, property, and the environment. The ability to manage and maintain firefighting equipment is not only a legal requirement but also a

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moral responsibility. This course goes beyond the basics, delving into emerging trends and sustainable practices, ensuring participants are well prepared to handle diverse fire safety challenges.

COURSE OBJECTIVE

Upon completion of this course, the participant will be able to:

- Understand the various types of firefighting equipment and their applications.
- Implement effective inspection and maintenance procedures to ensure equipment reliability.
- Develop and enhance emergency response plans, integrating fire equipment usage seamlessly.
- Conduct thorough risk assessments and implement preventive measures to minimize fire hazards.
- Analyze real-life case studies to extract valuable lessons and improve decision-making.
- Explore the latest technological innovations in firefighting and their practical applications.
- Foster a culture of sustainability in fire safety practices.

WHO SHOULD ATTEND

- Safety professionals and officers
- Facility and property managers
- Firefighters and emergency responders
- Health and safety committee members
- Anyone responsible for the safety of people and property

COURSE OUTLINE

DAY 1

Module 1: Introduction to Fire Fighting Equipment

- Overview of Fire Fighting Equipment
- Historical context and evolution
- Significance in fire safety protocols
- Statistics on the effectiveness of proper equipment use

1.2 Regulatory Framework

- In-depth exploration of relevant standards (e.g., NFPA, ISO)
- Legal implications of non-compliance
- Case studies illustrating consequences of inadequate equipment management

DAY 2

Module 2: Types of Fire Fighting Equipment

2.1 Fire Extinguishers

- Detailed exploration of each fire extinguisher type (water, foam, CO₂, etc.)

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- Practical demonstrations on using different extinguishers
- Discussion on compatibility with various types of fires

2.2 Fire Hoses and Nozzles

- Anatomy of fire hoses and proper maintenance
- Nozzle selection based on fire types and scenarios
- Hands-on exercises for deploying hoses and using nozzles effectively

2.3 Fire Hydrants and Sprinkler Systems

- Hydrant location and spacing considerations
- Inspection procedures for sprinkler heads and associated components
- Simulated scenarios for activating hydrants and sprinkler systems

DAY 3

Module 3: Inspection and Maintenance Procedures

3.1 Regular Inspections

- Development of checklists for routine visual inspections
- Techniques for identifying signs of wear and tear
- Practical exercises on conducting regular equipment surveys

3.2 Periodic Maintenance

- Detailed walkthroughs on testing procedures for each equipment type
- Calibration requirements and methods
- Replacement schedules for critical components

3.3 Record-keeping and Documentation

- Importance of accurate and organized records
- Training on maintaining a comprehensive equipment database
- Utilizing technology for efficient documentation

Module 4: Emergency Response Planning

4.1 Emergency Procedures

- Developing customized emergency response plans for different settings (residential, commercial, industrial)
- Integrating fire equipment usage into emergency protocols
- Role-playing scenarios to practice effective emergency response

4.2 Training and Drills

- Structuring and conducting realistic fire drills
- Hands-on training sessions for personnel on various equipment types
- Reviewing and improving response based on drill outcomes

DAY 4

Module 5: Risk Assessment and Mitigation

5.1 Identifying Fire Risks

- Comprehensive risk assessment methodologies
- Collaboration with other safety protocols (e.g., hazard communication)
- Analyzing historical data to predict potential risks

5.2 Preventive Measures

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- Implementing fire prevention measures in design and construction
- Educating personnel on fire safety practices
- Early detection technologies and their integration into risk mitigation strategies

Module 6: Case Studies and Real-Life Scenarios

6.1 Learning from Past Incidents

- In-depth analysis of historical fire incidents
- Extracting lessons and applying them to current scenarios
- Group discussions on potential alternative outcomes with different interventions

6.2 Simulation Exercises

- Designing and conducting realistic simulations of fire scenarios
- Evaluation of participant performance in simulated emergencies
- Debriefing sessions to discuss strengths and areas for improvement

DAY 5

Module 7: Emerging Trends and Technologies

7.1 Technological Innovations in Fire Fighting

- Exploration of IoT applications in fire safety (e.g., smart sensors, predictive analytics)
- Augmented reality (AR) and virtual reality (VR) training for firefighters
- Evaluating the efficiency and reliability of advanced equipment

7.2 Sustainability in Fire Fighting

- Introduction to eco-friendly extinguishing agents
- Green firefighting practices, such as water recycling in fire suppression
- Case studies on sustainable fire station designs

Module 8: Final Assessment and Certification

8.1 Written Exam

- Comprehensive examination covering theoretical knowledge from all modules
- Scenario-based questions to assess problem-solving skills

8.2 Practical Demonstration

- Individual and group assessments of hands-on skills
- Emergency response simulations to evaluate application of knowledge
- Feedback and coaching for improvement

8.3 Course Completion and Certification

- Awarding certificates to participants who successfully complete the course
- Recommendations for ongoing professional development in fire safety

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. You will also be encouraged to raise your own questions and to share in the development

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of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions

Case Studies, Group Discussions, Last Day Review, Assessments will be carried out.

MEETING ROOM PICTURES:



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