

ADVANCED FIRE FIGHTING

"Enhancing Emergency Response and Tactical Firefighting Capabilities"

Schedule

Date	Venue	Fees (Face-to-Face)
03 - 04 Jun 2026	Doha, Qatar	USD 1995 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

In high-risk environments, effective fire response can mean the difference between containment and catastrophe. Advanced Fire Fighting is designed for professionals who already possess foundational fire safety knowledge and are ready to upgrade their tactical and leadership skills in handling fire-related emergencies.

This course provides a comprehensive understanding of advanced firefighting methods, including fire dynamics, ventilation techniques, use of specialized equipment, and command protocols. Participants will engage in simulations, tactical planning exercises, and real-world scenarios to enhance their ability to lead and execute fire suppression operations effectively.

Objectives

By the end of this course, participants will be able to:

- Understand complex fire behavior and its implications for tactical response
- Select and deploy appropriate firefighting equipment under varying conditions
- Manage fire teams during emergency situations using command strategies
- Perform advanced fire suppression techniques in enclosed and open spaces
- Coordinate with safety teams and emergency services during large-scale incidents

Why Attend

- Elevate your firefighting knowledge to advanced operational levels
- Strengthen your tactical decision-making under high-stress conditions
- Gain confidence in handling hazardous materials and confined space fires
- Enhance teamwork and communication during emergencies
- Participate in hands-on drills and strategic scenario planning

Target Audience

This program is designed for:

- Industrial and Oil & Gas Firefighters
- Emergency Response Team (ERT) Leaders
- Health, Safety & Environment (HSE) Professionals
- Fire Safety Officers and Supervisors
- Anyone with prior firefighting training seeking advanced skills

Individual Benefits

Key competencies that will be developed include:

- Advanced fire dynamics analysis
- Command and control in firefighting operations
- Use of thermal imaging, foam systems, and breathing apparatus
- Execution of tactical ventilation and suppression methods
- Incident management and emergency team leadership

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Faster and safer response to fire emergencies
- Improved coordination between firefighting and safety teams
- Enhanced capacity for managing fire risks in hazardous environments
- Compliance with international fire safety and emergency response standards
- Lower risk of fire-related incidents and business disruption

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Fire dynamics, command systems, suppression methods
- Case Studies - Industrial fire incidents and lessons learned
- Workshops - Tactical planning, equipment deployment, crew drills
- Peer Exchange - Scenario response reviews and experience sharing
- Tools - Fire simulation models, command checklists, PPE handling techniques

Course Outline

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: Tactical Response and Fire Behavior

- Module 1: Advanced Fire Behavior and Compartment Fires (07:30 - 09:30) • Flashover, backdraft, thermal layering
- Module 2: Firefighting Equipment and Deployment (09:45 - 11:15) • Nozzles, foam systems, SCBA, thermal cameras
- Module 3: Command Structure and Scene Management (11:30 - 01:00) • Incident Command System (ICS), team roles, communication
- Module 4: Workshop - Tactical Fire Planning Simulation (02:00 - 03:30) • Design a coordinated response for a fire scenario

Day 2: Fire Suppression, Ventilation, and Rescue Operations

- Module 5: Suppression Techniques for Confined and Open Spaces (07:30 - 09:30) • Direct and indirect attack, transitional tactics
- Module 6: Tactical Ventilation and Smoke Control (09:45 - 11:15) • Positive pressure, hydraulic ventilation, vertical/horizontal
- Module 7: Rescue Operations and Hazardous Materials (11:30 - 01:00) • Victim search, chemical fires, containment procedures
- Module 8: Final Workshop - Full-Scenario Emergency Response Drill (02:00 - 03:30) • Group simulation of industrial fire event with debrief

Certification

Participants will receive a Certificate of Completion in Advanced Fire Fighting, validating their operational competence in advanced firefighting, tactical leadership, and fire emergency response coordination.

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