



*Training Course:
Preparing Technical Teams for Emergency and
Disaster Response*

*4 - 15 July 2027
Cairo (Egypt)*

Training Course: Preparing Technical Teams for Emergency and Disaster Response

Training Course code: EN235691 From: 4 - 15 July 2027 Venue: Cairo (Egypt) - Training Course Fees: 6950 € Euro

Introduction

Organizations operating in high-risk environments—such as oil & gas, utilities, infrastructure, and industrial sectors—must ensure that their technical teams are fully prepared to respond effectively to emergencies and disasters. Rapid, coordinated, and technically sound response is essential to protect lives, assets, and operations.

This **10-day intensive training program**, developed by **Global Horizon Training Center**, equips technical teams with the knowledge, skills, and practical tools required to prepare for, respond to, and recover from emergencies and disasters. The program integrates risk assessment, emergency planning, crisis response, and technical recovery strategies.

Participants will develop the capability to manage incidents, coordinate response efforts, and maintain operational continuity under challenging conditions.

Course Objectives

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

- Understand emergency and disaster management principles
- Identify risks and potential hazards in technical environments
- Develop and implement emergency response plans
- Apply incident command and coordination systems
- Execute technical response procedures during emergencies
- Ensure safety of personnel and assets
- Manage communication and coordination during crises
- Support recovery and business continuity efforts

Target Audience

- Technical and Engineering Teams
- Maintenance and Operations Personnel
- HSE and Safety Professionals
- Emergency Response Teams
- Facility and Infrastructure Managers
- Supervisors and Team Leaders

Outline

Day 1: Fundamentals of Emergency and Disaster Management

- Types of emergencies and disasters
- Risk environment in technical industries
- Principles of emergency management
- Roles and responsibilities

Day 2: Hazard Identification and Risk Assessment

- Identifying operational hazards
- Risk assessment methodologies HAZID, HAZOP basics
- Vulnerability analysis
- Risk mitigation strategies

Day 3: Emergency Response Planning

- Developing emergency response plans ERP
- Roles and responsibilities assignment
- Resource allocation and logistics
- Documentation and compliance

Day 4: Incident Command System ICS

- Structure and functions of ICS
- Coordination and communication flow
- Decision-making under pressure
- Integration with external agencies

Day 5: Technical Emergency Response Procedures

- Responding to fires, explosions, and equipment failures
- Electrical and mechanical emergency response
- Hazardous material incidents
- Isolation and shutdown procedures

Day 6: Communication and Coordination During Emergencies

- Crisis communication strategies
- Internal and external communication
- Use of communication systems and tools
- Stakeholder coordination

Day 7: Safety and Personal Protection

- Personal protective equipment PPE
- Safe evacuation procedures
- First aid and basic life support
- Ensuring team safety in high-risk situations

Day 8: Recovery and Business Continuity Planning

- Damage assessment and recovery strategies
- Business continuity planning BCP
- Restoring operations
- Lessons learned and improvement

Day 9: Simulation Exercises and Drills

- Tabletop exercises
- Scenario-based drills
- Coordination exercises
- Performance evaluation

Day 10: Integrated Emergency Response & Final Workshop

- Full-scale emergency simulation
- Team coordination and response execution
- Evaluation and feedback
- Action planning and improvement strategies
- Final review and certification

Registration form on the Training Course: Preparing Technical Teams for Emergency and Disaster Response

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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3 Oudai street, Aldouki,
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