Training Course on Emergency Response and Crisis Management in Oil and Gas

Professional Development Training Course Outline

Category	Oil and Gas	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The oil and gas (O&G) industry is inherently high-risk, involving operations in volatile environments where incidents can escalate into full-blown crises within minutes. A robust Emergency Response and Crisis Management (ERCM) strategy is critical for preventing fatalities, environmental disasters, and financial losses. Training Course on Emergency Response & Crisis Management in Oil & Gas (O&G) empowers professionals with the practical tools, skills, and knowledge to respond rapidly and effectively to any crisis, ensuring compliance with global safety standards and regulatory frameworks.

This course leverages international best practices, real-world case studies, and scenario-based learning to develop crisis leadership, operational readiness, and incident command competencies. Participants will master emergency preparedness, business continuity planning, incident response coordination, and stakeholder communication. This course is ideal for professionals responsible for safety, risk, security, and operational continuity in upstream, midstream, and downstream oil and gas operations.

Programme Curriculum

Training Course on Emergency Response & Crisis Management in Oil & Gas (O&G)

Introduction

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Course Objectives

1. Define key principles of emergency response and crisis management in the O&G industry
2. Identify potential industrial hazards and critical risks in oil and gas operations
3. Develop and implement an Emergency Response Plan (ERP) and Crisis Management Plan (CMP)
4. Understand the structure and responsibilities of the Incident Command System (ICS)
5. Coordinate with internal and external stakeholders during emergency situations
6. Conduct tabletop exercises and simulation drills to test preparedness
7. Apply best practices for business continuity management
8. Integrate environmental protection and spill response strategies
9. Develop media communication protocols during crises
10. Build resilient crisis leadership skills under pressure
11. Learn lessons from real-world O&G disasters to avoid repeat failures
12. Align crisis planning with regulatory compliance and international standards
13. Establish post-incident review and root cause analysis (RCA) protocols

Target Audiences

1. HSE Managers & Coordinators
2. Emergency Response Team Leaders
3. Security Managers in Oil & Gas
4. Risk & Compliance Officers
5. Plant Managers and Operations Heads
6. Government Emergency Liaison Officers
7. Crisis Communication Officers
8. Health, Safety & Environmental Consultants

Course Duration: 5 days

Course Modules:

Module 1: Introduction to Emergency Response in Oil & Gas

- Overview of Emergency Response frameworks
- High-impact incidents in O&G: trends and statistics
- Types of emergencies in upstream, midstream, and downstream
- Emergency phases: Preparedness, Response, Recovery
- Understanding stakeholder responsibilities
- **Case Study:** Deepwater Horizon explosion and response timeline

Module 2: Risk Identification and Hazard Analysis

- Conducting Hazard Identification and Risk Assessment (HIRA)
- High-risk operations: drilling, refining, transportation
- Bow-tie analysis in O&G risk scenarios
- Human factor risk and mitigation strategies
- Integrating technology in hazard monitoring
- **Case Study:** Texas City refinery explosion and lessons learned

Module 3: Developing Emergency Response & Crisis Management Plans

- Components of a comprehensive ERP and CMP
- Aligning with ISO 22301 and API RP 1174
- Chain of command and emergency roles
- Mobilization of resources and logistics
- Integrating ERP with business continuity
- **Case Study:** BP Alaska pipeline spill – ERP performance analysis

Module 4: Incident Command System (ICS) & Operational Control

- ICS framework and command structure in O&G
- Site incident control and emergency operations centers (EOC)
- Command, control, coordination, communication (C4)
- Roles of on-site and off-site commanders
- Multi-agency collaboration and jurisdiction
- **Case Study:** Shell Nigeria ICS implementation in crisis response

Module 5: Crisis Communication and Media Management

- Crisis communication planning and protocols
- Media handling and stakeholder messaging
- Spokesperson preparation and media briefings
- Internal communication during incidents
- Managing misinformation and reputational risk
- **Case Study:** Exxon Valdez – communication errors and reputational damage

Module 6: Business Continuity and Disaster Recovery

- Core principles of business continuity planning (BCP)

- Business impact analysis for O&G operations
- Recovery time objectives (RTOs) and strategies
- IT recovery and supply chain resilience
- Aligning BCP with emergency response
- **Case Study:** Hurricane Katrina – BCP success in offshore platforms

Module 7: Environmental Protection and Spill Response

- Environmental risk management in oil spill scenarios
- Tiered response structure for marine and land spills
- Containment and cleanup technologies
- Compliance with MARPOL, OPA-90, and regional regulations
- Ecosystem restoration and compensation
- **Case Study:** Montara Oil Spill – environmental impact and remediation

Module 8: Simulation, Drills, and Post-Incident Review

- Designing realistic emergency response drills
- Tabletop exercises vs. full-scale simulations
- Drill evaluation and performance metrics
- Continuous improvement loop after incidents
- Root Cause Analysis (RCA) techniques
- **Case Study:** Chevron Richmond fire drill – gaps and improvements

Training Methodology

- Instructor-led sessions with industry experts
- Group exercises and team-based simulations
- Real-life case study analysis
- Crisis simulation software and tools
- Hands-on workshops and scenario role-plays
- Knowledge checks and assessment quizzes

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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