MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net

PIPELINE EMERGENCY RESPONSE PLANNING

"Prepare, Respond, and Recover – Ensuring Pipeline Safety and Business Continuity."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

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

Introduction

Pipeline emergencies such as leaks, ruptures, or explosions can lead to catastrophic environmental, financial, and human safety consequences. This course provides participants with the tools, frameworks, and response strategies to effectively plan, coordinate, and execute emergency response plans (ERPs) in pipeline operations. Emphasis is placed on regulatory compliance, communication protocols, risk mitigation, and multi-agency coordination for swift and effective crisis response.

Objectives

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

- Understand the key components of pipeline emergency response planning
- Develop and implement comprehensive Pipeline Emergency Response Plans (PERPs)
- Conduct risk assessments and scenario planning
- Coordinate effectively with regulatory agencies, emergency services, and stakeholders
- Manage incident communication, containment, and recovery procedures
- Train and prepare response teams for real-world incidents

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Why Attend

This course is critical for those responsible for pipeline integrity, safety, and operational continuity. It equips participants with actionable knowledge to minimize the impact of emergencies and comply with local and international pipeline safety regulations.

Target Audience

- Pipeline safety managers and emergency coordinators
- HSE professionals and incident response teams
- Operations and maintenance engineers
- Risk and compliance officers
- Facility managers in oil & gas, utilities, and transportation sectors

Individual Benefits

- Develop hands-on capability to design and lead pipeline emergency response programs
- Learn how to conduct emergency drills and readiness assessments
- Enhance decision-making and leadership skills in crisis situations
- Ensure career readiness for safety-critical roles in pipeline operations

Organizational Benefits

- Reduce environmental, financial, and reputational risks
- Meet regulatory requirements and industry best practices
- Strengthen interdepartmental coordination and crisis communication
- Improve emergency preparedness and resilience of pipeline infrastructure

Instructional Methodology

- Real-life case studies and disaster simulations
- Interactive group workshops and emergency planning exercises
- Risk mapping and incident command roleplay
- Scenario-based contingency planning and documentation

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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: Pipeline Risk & Emergency Response Foundations

- Module 1: Introduction to Pipeline Emergencies: History & Impact (07:30 – 09:30)
- Module 2: Hazard Identification and Risk Assessment (HIRA) for Pipelines (09:45 – 11:15)
- Module 3: Regulatory Frameworks and International Standards (PHMSA, API 1162) (11:30 – 01:00)
- Module 4: Key Elements of a Pipeline Emergency Response Plan (PERP) (02:00 – 03:30)

Day 2: Developing the Emergency Response Plan (ERP)

- Module 1: Defining Roles, Responsibilities, and ICS Structure (07:30 – 09:30)
- Module 2: Planning for Detection, Notification, and Initial Response (09:45 – 11:15)
- Module 3: Containment, Control, and Recovery Strategies (11:30 – 01:00)
- Module 4: ERP Documentation, Mapping & Resource Allocation (02:00 – 03:30)

Day 3: Communication, Coordination & Stakeholder Engagement

- Module 1: Crisis Communication & Media Management (07:30 – 09:30)
- Module 2: Stakeholder Identification and Engagement Protocols (09:45 – 11:15)
- Module 3: Multi-Agency Coordination (Fire, EMS, Environmental, Regulators) (11:30 – 01:00)
- Module 4: Tabletop Exercise: Inter-agency Scenario Planning (02:00 – 03:30)

Day 4: Training, Drills & Emergency Simulations

- Module 1: Designing and Conducting Emergency Drills (07:30 – 09:30)
- Module 2: Training Response Teams: Competency and Compliance (09:45 – 11:15)
- Module 3: Full-Scale Emergency Response Simulations (11:30 – 01:00)
- Module 4: Gap Analysis and Continuous Improvement (02:00 – 03:30)

Day 5: Post-Incident Management & Program Sustainability

- Module 1: Incident Investigation, Reporting & Root Cause Analysis (07:30 – 09:30)
- Module 2: Lessons Learned and Preventive Actions (09:45 – 11:15)
- Module 3: Auditing, Evaluating, and Updating PERPs (11:30 – 01:00)
- Module 4: Final Assessment, Group Presentations & Certification (02:00 – 03:30)

Certification

Participants who successfully complete the course will be awarded a Certificate in Pipeline Emergency Response Planning, aligned with global safety standards and industry emergency preparedness frameworks.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

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In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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