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SIMULATION-BASED EMERGENCY DRILLS AND SCENARIOS

Start Date:	08/02/2027	**End Date:**	12/02/2027
Categories:	Oil & Gas	**Venues:**	Madrid
Formats:	In Person	**Instructors:**	

OVERVIEW

This course trains participants to design, facilitate, and evaluate emergency simulations and drills. It focuses on building realistic scenarios, enhancing team readiness, and improving incident response performance through structured simulations.

OBJECTIVES

By the end of this course, participants will be able to: • Design realistic emergency scenarios based on risk profiles and past incidents. • Facilitate simulation-based exercises with measurable learning outcomes. • Coordinate multi-departmental involvement in emergency training drills. • Evaluate performance using KPIs, feedback loops, and debriefing tools. • Build a culture of preparedness and continuous improvement.

COURSE OUTLINE

1. Principles of Simulation Design and Emergency Exercise Planning 2. Scenario Development: Incident Types and Complexity Scaling 3. Execution of Tabletop and Field Drills 4. Evaluation, Debriefing, and Continuous Learning 5. Embedding Simulation Culture in Organizational Safety

TARGET AUDIENCE

HSE trainers, emergency planning coordinators, operations managers, and safety officers responsible for team preparedness and training programs.

METHODOLOGY

Scenario building labs, facilitation roleplay, performance evaluation design, and simulation strategy development.

CONCLUSION

Participants will be capable of independently planning and conducting high-impact emergency drills and simulations that drive safety culture and response effectiveness.

DAILY AGENDA

Day 1: Emergency Simulation Fundamentals

Understanding exercise objectives, types, and risk-based planning models.

Day 2: Scenario Design and Role Allocation

Building realistic incidents, assigning roles, and scripting injects.

Day 3: Drill Facilitation and Execution

Running field/tabletop drills, managing flow, and engaging participants.

Day 4: Performance Evaluation and Feedback

Capturing observations, scoring performance, and conducting debriefings.

Day 5: Integration and Program Sustainability

Embedding simulation into safety programs and maintaining readiness.

For more information, please contact us:
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