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EVACUATION AND RESCUE OPERATIONS IN HIGH-RISK SITES

Start Date:	22/02/2027	**End Date:**	26/02/2027
Categories:	Oil & Gas	**Venues:**	Singapore
Formats:	In Person	**Instructors:**	

OVERVIEW

This course prepares emergency teams and site personnel to lead and execute evacuation and rescue operations in hazardous and high-risk environments. It emphasizes tactical coordination, equipment use, human factors, and compliance with safety protocols during time-critical situations.

OBJECTIVES

By the end of this course, participants will be able to: • Assess evacuation requirements and plan safe egress routes in high-risk sites. • Deploy and operate rescue equipment appropriate to site-specific hazards. • Coordinate with response teams under limited visibility and hazardous conditions. • Apply human behavior and psychology principles in emergency evacuations. • Ensure compliance with OSHA, NFPA, and site-specific rescue standards.

COURSE OUTLINE

1. Risk Assessment and Evacuation Planning for Hazardous Sites 2. Rescue Operations and Equipment Familiarization 3. Communication, Team Roles, and Tactical Coordination 4. Human Behavior in Emergencies and Psychological Readiness 5. Safety Compliance, Drills, and Performance Evaluation

TARGET AUDIENCE

Emergency response teams, fire and rescue personnel, safety officers, and operations leads working in high-risk oil & gas or industrial environments.

METHODOLOGY

Rescue simulations, gear walkthroughs, role-specific drills, and behavioral briefings.

CONCLUSION

Participants will be ready to lead or support effective evacuation and rescue efforts, minimizing response time and ensuring personnel safety in hazardous environments.

DAILY AGENDA

Day 1: Evacuation Planning and Hazard Mapping

Identifying exits, hazards, and route conditions for efficient evacuation.

Day 2: Rescue Equipment and Techniques

Using stretchers, harnesses, breathing apparatus, and lifting gear.

Day 3: Command and Team Coordination

Managing team roles, comms protocols, and tactical maneuvering.

Day 4: Behavioral Response and Decision Making

Understanding stress, fear, and reaction patterns in emergencies.

Day 5: Drills, Debriefing, and Standards Compliance

Running evaluated simulations and aligning with response protocols.

For more information, please contact us:
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