Professional Training Program on Emergency Response Disaster Management Plan (ERDMP) in Oil & Gas Operations Date: 19-20th November 2026 Time: 10:30 to 17:30

Introduction & Rationale

With the increasing complexity of industrial operations and growing exposure to technological hazards, the need for a robust and well-structured emergency response system has become critical in the oil and gas sector. In India, this requirement is strongly supported by the Disaster Management Act, 2005, the Disaster Management (Amendment) Act, 2025, and the Petroleum and Natural Gas Regulatory Board (PNGRB) Regulations, including the Codes of Practice for Emergency Response and Disaster Management Plan (ERDMP), 2010. These frameworks mandate the establishment of comprehensive systems that address prevention, preparedness, response, and recovery in an integrated manner.

India's oil and gas sector is expanding rapidly, with significant investments in refineries, pipelines, storage facilities, and city gas distribution networks. While this expansion has strengthened energy access and contributed to economic growth, it has also increased the scale and complexity of risks associated with handling hazardous materials. Operations involving petroleum products, natural gas, and hydrocarbons carry inherent risks such as fires, explosions, toxic releases, and pipeline failures. These risks are further intensified by the presence of dense industrial clusters, urban proximity, and extensive transportation systems.

Despite the existence of well-defined regulatory frameworks, effective implementation at the operational level continues to be a challenge. Factors such as limited technical understanding, gaps in coordination among stakeholders, inadequate training, and lack of practical exposure often affect the performance of ERDMP systems. In many instances, emergency response plans remain largely documentation-focused, rather than being actively used as tools for real-time decision-making and response.

The ERDMP framework applies to a broad spectrum of installations, including hydrocarbon processing units, pipelines, storage depots, gas bottling plants, city gas distribution systems, retail outlets, and transportation networks. Given the diversity and scale of these operations, there is a strong need for a structured capacity-building program that enhances both understanding and practical implementation across all levels.

In this context, the proposed training program aims to build competencies in disaster risk management and emergency response, while promoting a proactive safety culture.

It is aligned with the principles of prevention, zero tolerance for safety lapses, and lifecycle-based risk management, ensuring that risks are systematically addressed at every stage—from handling and storage to transportation and emergency response.

Aim

The aim of this training program is to enhance the knowledge and skills of participants in disaster risk management and emergency response, with a focus on effective planning, coordination, and integration of ERDMP in petroleum and natural gas operations.

Objectives

1. To understand disaster risk scenarios and challenges associated with oil and gas operations.
2. To strengthen knowledge of legal and regulatory frameworks, including PNGRB guidelines and institutional mechanisms.
3. To build capacity in risk assessment, hazard identification, and accident investigation techniques.
4. To enhance preparedness and response capabilities for emergency and disaster situations.
5. To develop skills for ERDMP documentation, implementation, and compliance with safety standards.

Target Participants

1. Safety Officers, HSE Managers and professionals Oil & Gas companies and CGD Entities.
2. Operations & Maintenance Engineers (pipelines, terminals, refineries).
3. Process and Design Engineers.
4. Fire/ Safety/ Disaster Management Professionals and Regulatory Inspectors.

Date & Venue

Date: May, August, November- 2026 & February 2027

Venue:Gujarat Institute of Disaster Management (GIDM) Raysan, Dist. Gandhinagar, Gujarat

Program Fees and Other Details

The course fee is ₹25,000 per participant (inclusive of GST). This includes accommodation on a twin-sharing basis, as well as meals (Breakfast, lunch and dinner) and refreshments during the program. Details of the accommodation facilities are available at: https://gidm.gujarat.gov.in/en/facilities

Please note that GIDM shall not make any arrangements for support staff or accompanying

family members of the training participants. Travel to and from the training venue must be arranged by the participants or their respective organizations and all travel expenses will be borne by the nominating agency.