

# Gas Monitor Training (GMT) Fact Sheet

## Course Overview

The Gas Monitor Training (GMT) course provides comprehensive instruction on the principles of gas detection, equipment operation, calibration, and emergency response procedures. Participants will gain essential knowledge and practical skills to effectively monitor and respond to gas hazards in various industrial environments, ensuring workplace safety and regulatory compliance.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience



Budget Friendly learning

## Who should enroll to this course?

The Gas Monitor Training (GMT) course is essential for individuals working in industries where gas hazards are a concern, including oil and gas, manufacturing, construction, and petrochemical sectors.

This course is particularly relevant for safety professionals, industrial workers, HSE personnel, and anyone responsible for gas monitoring and ensuring a safe work environment.



## Join Us Today!



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## What does this course Covers?

- Identify the role of the Gas Monitor
- Identify the consequences of not carrying out the role correctly
- Describe the organisational and statutory requirements in relation to gas testing and the requirements for safe systems of work
- Define what is meant by a confined space
- Discuss the use of PPE and RPE during the risk assessment
- Define the relative densities of each gas and where the Gas Monitor would normally expect to locate them
- Describe the effects of toxic gases on the human body
- Describe how flammable atmospheres can be created
- Define LEL, the explosive envelope and UEL
- Illustrate the formation of gas plumes and the effects of turbulence
- Explain the Fire Triangle
- Identify the need to remove fuel sources to prevent fire and explosions
- Illustrate the effects of explosions and overpressure
- Describe the effects of pool fires and jet fires
- Describe, and explain the general operation of, a generic four channel gas monitor
- Describe the standard checks to be carried out prior to use of the gas monitor

- Course Code - 023
- Duration - 1 Day
- Knowledge level - Intermediate
- Category - Offshore Oil & Gas/ OPITO Approved/ OSHA & Industrial Safety
- Offline/ Client Site

- Describe the use of the gas detector during hot work operations and the role of the Fire Watcher
- Explain the location of the Fire Watcher, the portable Gas Monitor and the actions to take if the alarm is sounded
- Describe the sentinel type gas monitor, its required location during hot work and the alarm response actions
- Describe how consideration should be given to the wind direction and the effect of hot metal and sparks on adjacent areas

## Ready to get started?

Take charge of workplace safety by enrolling in the Gas Monitor Training (GMT) course today. Equip yourself with the vital skills and knowledge needed to effectively monitor and respond to gas hazards in industrial settings.

Reach us at [info@eliteoffshore.in](mailto:info@eliteoffshore.in) or [training@eliteoffshore.in](mailto:training@eliteoffshore.in)

## About Us

**Elite Offshore Pvt Ltd**, established in 2015, is a leading provider of Offshore, Marine and Industrial Safety and Skill training and certification programs. With a commitment to safety, compliance, and excellence, we empower professionals worldwide with the knowledge and skills they need for success in their careers.

**Ecademy** was established in 2021, serves as our specialized division, providing customized E-Learning solutions designed to meet the specific needs of the industry. Through Ecademy, we offer the IADC-Accredited RigPass Online Course, alongside other valuable E-Learning programs like IMDG Code Courses, Basic First Aid, and more.