

ENVIRONMENTAL SAFETY MANAGEMENT



HSE211

COURSE TITLE
ENVIRONMENTAL SAFETY MANAGEMENT

COURSE DATE/ VENUE

17th - 21st November 2025

Madrid, Spain

COURSE REFERENCE

HSE211

COURSE DURATION

05 Days

DISCIPLINE

Health, Safety and Environmental

COURSE INTRODUCTION

This five-day course delivers a thorough overview of environmental safety practices tailored to the oil and gas sector. Participants will explore regulatory compliance, environmental risk assessment, monitoring systems, and strategies for minimizing the ecological footprint of operations.

Topics include EMS frameworks (such as ISO 14001), environmental legislation, pollution control, waste and hazardous material management, spill response, biodiversity conservation, and carbon management. The course emphasizes real-world applicability and sustainability strategies.

COURSE OBJECTIVE

By the end of this training, participants will be able to:

- Understand environmental safety principles and compliance standards
- Apply risk assessment methods relevant to oil and gas operations
- Manage environmental emergencies and spill response
- Implement EMS and conduct audits for continuous improvement
- Monitor environmental quality (air, water, soil) effectively
- Apply sustainable practices in waste, water, and energy management
- Integrate renewable energy and carbon management initiatives
- Promote biodiversity and responsible resource use
- Navigate global trends and future environmental regulations

COURSE AUDIENCE

This course is suitable for:

- Environmental and Safety Engineers
- HSE and Compliance Personnel
- Environmental Protection Team Members
- Technical staff involved in oil and gas operations

COURSE CONTENT

Day 1: Environmental Foundations

- Overview of environmental safety in oil and gas
- Regulatory compliance and EIA frameworks
- Introduction to EMS and ISO 14001
- Risk assessment and emergency preparedness

Day 2: Pollution and Waste Management

- Air and water pollution control
- Soil contamination and remediation
- Waste and hazardous materials handling
- Spill prevention and control strategies

Day 3: Monitoring and Auditing

- Designing environmental monitoring programs
- Data collection, KPIs, and compliance reporting
- Environmental audits and incident investigation
- Sustainability reporting and stakeholder engagement

Day 4: Sustainable Resource Use

- Water and energy efficiency
- Climate change response and carbon strategies
- Biodiversity protection
- Environmental risk mitigation and sustainable procurement

Day 5: Strategic Leadership and Planning

- Innovations in environmental safety
- Leadership for environmental culture
- Corporate social responsibility (CSR) integration
- Future regulatory trends and action planning

COURSE CERTIFICATE

TRAINIT ACADEMY will award an internationally recognized certificate(s) for each delegate on completion of training.

COURSE FEES

£5,500 per Delegate. This rate includes participant's manual, Hand-Outs, lunch, coffee/tea on arrival, morning & afternoon of each day.

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions

