



An Intensive 5-Day Online Training Course

# Oil & Gas Operational Safety

## PROGRAMME SUMMARY

This Oil & Gas Operational Safety virtual training course covers essential skills in understanding oil and gas operations and equipment. Through process risk management, participant will be able to apply risk assessment techniques for hazards identification and control. This will help organisations to demonstrate that all hydrocarbon risks are understood and are adequately controlled.

Date	Venue	Fee(\$)
15 - 19 May 2022	Live / Online	US\$ 2,400
30 Oct - 03 Nov 2022	Live / Online	US\$ 2,400

## INTRODUCTION

Flammable, toxic and explosive are just some of the inherent hazards of oil and gas. Operational Safety is of prime importance which means that there has to be correct procedures in place and personnel that are competent in using these procedures to ensure that no incidents occur. This EuroMaTech virtual training course covers oil & gas operations and is designed to provide underpinning knowledge that enables personnel to manage oil and gas operational risks effectively.

Participants on the Oil & Gas Operational Safety virtual training course will develop the following competencies:

- Familiarity with health and safety management system
- Process Safety
- Hydrocarbon process hazards identification and control
- Fire protection and emergency response
- Transport operational safety

Classroom  
 learning service  
**available** 



## TRAINING METHODOLOGY

Participants on EuroMaTech's Oil & Gas Operational Safety virtual training course will learn by active participation through the use of exercises, case studies and open discussion forums. Videos shown will encourage further discussions and delegates are encouraged to bring forth experiences and problems from their own organisations.

### In-house Training

EuroMaTech is capable of conducting this training programme exclusively for your delegates. Please e-mail us on [inhouse@euromatech.ae](mailto:inhouse@euromatech.ae) for further information and/or to receive a comprehensive proposal.



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**Website:**  
[www.euromatech.com](http://www.euromatech.com)

## WHO SHOULD ATTEND

EuroMaTech's Oil & Gas Operational Safety virtual training course is suitable for:

- Managers
- Team Leaders
- Supervisors
- Production and Process Engineers
- Maintenance Personnel
- Personnel interested in developing skills in this area
- All personnel involved in planning and implementing the organisation's HSE management system

## PROGRAMME OBJECTIVES

Participants attending the Oil & Gas Operational Safety virtual training course should be able to:

- Categorise the hazards inherent in oil and gas arising from the storage and processing of raw materials and products
- Outline the risk management techniques used in the oil and gas industries
- Explain the purpose and content of an organisation's documented evidence to provide a convincing and valid argument that a system is adequately safe
- Recognise the purpose of and procedures for investigating incidents and how the lessons learnt can be used to improve health and safety in the oil and gas industries
- Illustrate Process Safety
- Formulate Emergency Plans

## QUALITY CERTIFICATIONS & ACCREDITATIONS



# COURSE OUTLINE



## Day 1

### Health, Safety and Environmental Management

- Process Safety Management (PSM)
- Learning from incidents
- Hazards inherent in oil and gas
- Risk management techniques used in the oil and gas industries
- Work permit systems
- Safety Reports

## Day 2

### Process Safety

- Mechanics of failure
- Safe containment of hydrocarbons
- Plant operation and maintenance
- Start-up and shut down
- Fire hazards
- Furnaces and boiler operations

## Day 3

### Risk Assessment Techniques

- Framework for risk assessment
- Hazard and Operability Study 'HAZOP'
- The Bow-tie model
- Inherent Safer design
- Safety Integrity Level 'SIL'
- Hazardous Area Classification

## Day 4

### Fires, Explosions and Emergency Response

- Fire and explosion in the oil and gas industries
- Types of fire
- Types of explosion
- Fire and explosion risk analysis
- Fire and explosion protective systems
- Emergency Plans and response

## Day 5

### Transport Operations Safety

- Diving activities
- Maritime transport
- Land transport

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All Fees are subject to 5% Value Added Tax (VAT).\*

## Your Details

Name (Mr/Ms):.....

Position:..... Organisation:.....

Address:.....

City / Country: .....

Telephone: ..... Email: .....

## Mode Of Payment

Please find enclosed a cheque made payable to EuroMaTech

Please invoice me

Please invoice my company as follows:

Contact Name: .....

Company Name: .....

Address:.....

Email: .....

### Documentation

High Quality material has been prepared by the Seminar Leader for distribution to delegates.

### Certificates

A Certificate of Completion will be issued to those who attend & successfully complete the programme.

### Registration & Payment

Please complete the registration form on this page & return it to us indicating your preferred mode of payment.

For Further Information, email us at [info@euromatech.ae](mailto:info@euromatech.ae).

### Cancellation Policy

Request for seminar cancellation must be made in writing & received at EuroMaTech three weeks prior to the seminar date. A U.S.\$250/- processing fee will be charged per delegate for each cancellation. Thereafter, we regret that we are unable to refund any fees due, although in such cases we would be happy to welcome a colleague who would substitute for you.

### Disclaimer

EuroMaTech reserves the right to alter the content, location of the Seminar, or the identity of the speakers in case of events beyond our control.

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