



**EuroMaTech**

Training Seminars & Conferences


An Intensive 5-Day Training Seminar On

# Health, Safety & Environment in Engineering Projects

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07 - 11 Feb 2021, Dubai  
10 - 14 Oct 2021, Dubai



 View Details

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

An ISO 9001:2015  
and ISO 29993:2017  
Certified Company

# Health, Safety & Environment in Engineering Projects

## INTRODUCTION

Being in business can be dangerous when things go wrong, and people get hurt – organisations can lose reputation and money. Organisations, as a minimum, must demonstrate compliance with health, safety and environmental 'HSE' legal requirements. Many organisations want to do more than this.

This EuroMaTech training course will help to develop the thinking of the delegates to consider the positive business aspects of understanding the issues and of dealing with health, safety and environmental issues proactively.

**Participants on the Health, Safety & Environment in Engineering Projects training course will develop the following competencies:**

- How to contribute to the safe running of the operation
- How to help to improve and develop a positive HSE culture
- An understanding of technical & maintenance supervisor's responsibility
- A better understanding of how to work with, and get the best from, people
- How to apply risk assessment principles in the workplace

## WHO SHOULD ATTEND?

- Professionals with responsibilities for health and safety management and supervision
- Those involved in Health, Safety, and Environmental Management of Projects
- Supervisory staff, project, process, maintenance, and HSE personnel
- Those wishing to understand more about how things go wrong
- Anyone wishing to understand the role and the importance of health and safety.
- Those involved in risk assessment and risk management
- Supervisors and other personnel responsible for HSE functions

## PROGRAMME OBJECTIVES

**The Health, Safety & Environment in Engineering Projects training course aims to enable participants to achieve the following objectives:**

- Appreciate the business importance of health, safety and environmental matters
- Contribute in syndicate exercises (*including risk assessment, incident analysis, etc.*)
- Enhance background of relevant HSE issues
- Contribute to HSE matters within the organisation
- Understand how and why things go wrong (*often with catastrophic effects*)
- Protect the organization from HSE failures
- Gain an understanding of how to contribute to the safe running of the operation, with consideration for environmental factors
- Develop a toolkit of competencies and methods to enhance their contribution to all aspects of HSE management within an organization

## TRAINING METHODOLOGY

This EuroMaTech training course develops the delegates through the use of case studies, group discussion, reflection activities supported by video materials and exercises to help you apply what you learn to your work situation.

## PROGRAMME SUMMARY

Using a series of case studies and syndicate exercises, the Health, Safety & Environment in Engineering Projects training course covers essential skills such as understanding the causes of HSE failure within an organization and learning how to avoid them. It includes analysis of the factors leading to major hazards (including fire, explosion, toxic releases, and environmental releases). There is consideration of how human error can lead to incidents and on how human endeavour can create a positive culture in your organisation, making it more resilient to failure.

# PROGRAM OUTLINE

## DAY 01

### The Management of Health, Safety and Environmental Issues

- What do we mean by Health, Safety and Environment?
- What are the drivers for managing Health, Safety and Environment?
- Construction Projects Legislation (*ILO & EU*)
- Accident and incident causation (*Part 1*)
- Avoiding accidents and incidents: Principles of Risk Assessment
- Fire Safety
- Major incidents and how they happen (*Part 1*)

## DAY 02

### Project Health & Safety Plan & Environmental Issues

- Construction Project Health, Safety & Environment Plan
- Project Excavations & Confined Spaces
- Major incidents and how they happen (*Part 2*)
- Environmental Issues
- Principles of environmental law
- Pollution prevention and emergency planning
- Major (*environmental*) incidents and how they happen (*Part 3*)

## DAY 03

### Human Factors Leading to Health, Safety and Environmental Incidents

- Some decisions lead to incidents
- Accident and incident causation (*Part 2*)
- Project Tank Farms
- Major incidents and how they happen (*Part 4*)
- Reducing the potential for errors and violations
- Have we learned the lessons?

## DAY 04

### Accident and Incidents

- Project Management of Change (*MOC*)
- Case Study – *How MOC can fail*
- Case Studies – Major incidents and how they happen (*Part 5*)
- Accident and Incident Investigation
- Have we learned the lessons?

## DAY 05

### Getting the Culture Right and Introducing Some Systems

- Project High Hazard Plants – Pre-Construction & Pre-Operation
- Major incidents and how they happen (*Part 6*)
- Permit to Work Systems (*PTW*)
- Developing a positive HSE Culture within an organization
- Implementing Active Monitoring
- Some simple ideas for safer plant and safer processes

## 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.

## QUALITY CERTIFICATIONS & ACCREDITATIONS

EuroMaTech is proud to be associated with the following accreditation bodies:



The PMI® Registered Education Provider logo is a registered mark of the Project Management Institute, Inc.

# Health, Safety & Environment in Engineering Projects

✓	Date	Venue	Fee(\$)
	07 - 11 Feb 2021	Dubai	US\$4,950
	10 - 14 Oct 2021	Dubai	US\$4,950

*This fee is inclusive of instruction materials, documentation, lunch, coffee/tea breaks & snack. All Fees are subject to 5% Value Added Tax (VAT).\**

## Your Details

Name (Mr/Ms):.....  
 Position:..... Organisation:.....  
 Address:.....  
 .....  
 City / Country: .....  
 Telephone / Fax: .....

## 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:.....

### Documentation

High Quality material has been prepared by the Seminar Leader for distribution to delegates. In addition, a special note pad to facilitate note taking will be provided.

### Certificates

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

### Schedule

Our Course timings commences at 08:30 and concludes at 14:00, followed by lunch on a daily basis.

### Hotel Accommodation

EuroMaTech has negotiated special rates for a limited number of rooms in the hotel. Early registration will help to secure a room at the reduced rate.

### Registration & Payment

Please complete the registration form on this page & return it to us indicating your preferred mode of payment. For Further Information, Contact Your Nearest EuroMaTech Office.

### 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.

**\*VAT Announcement:** The Government of UAE have introduced Value Added Tax (VAT) on goods and services from 01-January-2018. In compliance with the legislation issued by the UAE Government, we will be applying a 5% VAT on the fees for all our programs and services offered from January 2018 as applicable and stipulated in the FTA circulars.

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