



Training Seminars & Conferences



An Intensive 5-Day Training Seminar On

Oil Movement, Storage and Troubleshooting

Management and Operation of Oil & Gas Terminals

19 - 23 Sep 2021, Dubai



 View Details

Oil Movement, Storage and Troubleshooting

Management and Operation of Oil & Gas Terminals

INTRODUCTION

Correct management and operation of an oil and gas terminal is essential for a successful business. The processing, transporting and storing of crude oil or refined petroleum products in tank farms, involve custody transfers of partner and commingled stock, significant volumes of data from various sources and blending complexities.

In addition, as these liquids are loaded and offloaded in bulk quantities, there is a large transfer of high value that makes it imperative for tank farm operators to efficiently manage their inventory and maximize their return on investment.

Upon successful completion of this EuroMaTech training course on Oil Movement, Storage and Troubleshooting, participants will have gained the right knowledge on oil production and recovery, oil terminals and tank farms, methods of tank gauging, storage of refrigerated LNG, oil products specifications, tank mixing, emergency of oil spills, cleaning of crude oil tanks, work permit system, gas transmission pipelines, pigging operations in crude oil pipelines, quality assurance and control, contingency and safety procedures etc.

WHO SHOULD ATTEND?

EuroMaTech's Oil Movement, Storage and Troubleshooting training course is suitable for:

- Team Leaders
- Project Professionals
- Refinery Personnel
- Oil Terminal Superintendent/Supervisors
- Plant Supervisors
- Process Engineers
- Mechanical Engineers
- Electrical Engineers

- Instrumentation/Control Engineers
- Technical staff and contractor personnel involved in oil movement and storage

PROGRAMME OBJECTIVES

This EuroMaTech training course on Oil Movement, Storage and Troubleshooting is intended to provide participants with a complete and up-to-date overview of the oil movements and storage operations in modern refineries, marine terminals and oil plants. They will:

- Acquire knowledge on oil production, recovery, dehydration and desalting and be able to understand the description and installation of a tank farm.
- Identify the different types of tanks and review and improve the operation of a tank farms and oil terminals
- Illustrate the process of gas freeing of tanks and vessels including confined entry for inspection maintenance and repair.
- Understand the steps and limitations of the various methods of gauging tanks
- Describe marine terminal & SPM operations and be able to explain the various product specifications
- Perform blending, tank mixing, meters and meter proving and cleaning of crude oil and product gasoline tanks
- Learn how oil spill emergencies are handled and how these are combated and mitigated
- Understand the causes of corrosion, be able to review the operation and cathodic protection of gas transmission lines
- Increase your knowledge on pigging of crude and gas pipelines and be able to demonstrate the process of ship loading and custody transfers
- Recognize the role and importance of quality assurance and control

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.



PROGRAM OUTLINE

TRAINING METHODOLOGY

Oil Movement, Storage & Troubleshooting training course is a hands-on, stimulating learning experience. The training course will be highly interactive, with opportunities to advance your opinions and ideas. Participation is encouraged in a supportive environment.

To ensure the concepts introduced during the training course are understood, they will be reinforced through a mix of learning methods, including PowerPoint slides and videos. This will be augmented by case studies and facilitated discussions, to engage the delegates and to encourage the exchange of ideas.

The training course will be reinforced with the use of PC's with simulations to estimate emission losses and calculations using Microsoft Excel® to practice tank gauging calculations, blending to meet specification and for off spec product corrections. Participants should bring their own laptop loaded with Microsoft Excel® for simulation exercises.

PROGRAMME SUMMARY

Oil Movement, Storage & Troubleshooting training course describes the requirements for efficient, effective, and safe operation of Oil Storage facilities. This material is covered by concentrating only on the most commonly applied topics in each case, rather than attempting to discuss everything.

IN-HOUSE TRAINING

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

DAY 01

Overview Introduction

- Oil Production, Recovery, Dehydration and Desalting
- Crude Oil Processing
- Oil Terminal & Tank Farm
- Types of Tanks

DAY 02

Tanks and Facilities

- Gas Freeing of Tanks and Vessels
- Methods of Gauging Tanks
- Static Electricity
- General Description and Installation of Tank Farms
- Refrigeration of LPG, Handling and Bulk Storage

DAY 03

Blending and Loading Operations

- Marine Terminal Loading: SPM Operations
- Product Specifications and Blending
- Tank Mixing & Tank-Tank Transfer
- Meter Proving and Meter Factor

DAY 04

Aboveground Storage Tanks

- Oil Spills Emergency
- Cleaning of Crude Oil and product Tanks
- Gauging of Marine Cold Product Tanks
- Gas Transmission Lines: Operation & Cathodic Protection

DAY 05

Cleaning & Loading

- Pigging of Crude & Gas Pipelines
- Ship Loading and Checklist
- Quality Assurance, Control and Work Permit System
- Review and Presentation of Certificates

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✓	Date	Venue	Fee(\$)
	19 - 23 Sep 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.

Contact Us:

U.K. Office:

109 Mount Pleasant
Liverpool L3 5TF, United Kingdom
Telephone: +44 151 709 7100
Fax: +44 151 709 7181

Middle East Office:

P.O. Box 74693
Dubai, United Arab Emirates
Telephone: +971 4 4571 800
Fax: +971 4 4571 801

Email Address:

info@euromatech.ae

Website:

www.euromatech.com



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