



M0042: Port Pricing & Tariff Charging for Oil & Gas Terminals

Training Description:

This intensive training course is designed to provide participants with a detailed and up-to-date overview of port pricing and tariff charging for oil and gas terminals. It covers the terminal scheduling problems that include berth allocation, ship arrival, tanks and pipeline allocations, integration of terminal scheduling problems and uncertainty in terminal scheduling; the general supply chain, stakeholders, carriers, trade routes and trends of the liquid bulk; the functions, characteristics equipment and categorisation of the liquid bulk terminals; the oil and gas terminal regulations, quality and safety regulations and port pricing regulations and the port pricing and marginal cost as well as the cost structure and the functions in oil transport and refining.

During this interactive course, participants will learn the environmental risks at ports and terminals including the impacts of globalization on international maritime transport activity; the maritime risk assessment, ports and terminals challenges and solutions; the role of carriers, terminals and third parties in liner and bulk shipping; the good practice in terminal marine operations as well as loading operations in crude oil and LNG handling in terminals and the oil pollution management and oil pollution cost.

Training Objectives:

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

- ✓ Apply and gain an in-depth knowledge on port pricing and tariff charging for oil and gas terminals
- ✓ Discuss terminal scheduling problems covering berth allocation, ship arrival, tanks and pipeline allocations, integration of terminal scheduling problems and uncertainty in terminal scheduling
- ✓ Recognize the general supply chain, stakeholders, carriers, trade routes and trends of liquid bulk
- ✓ Identify the functions, characteristics equipment and categorisation of liquid bulk terminals
- ✓ Carryout oil and gas terminal regulations, quality and safety regulations and port pricing regulations
- ✓ Analyze port pricing and marginal cost as well as cost structure and functions in oil transport and refining
- ✓ Recognize environmental risks at ports and terminals including the impacts of globalization on international maritime transport activity
- ✓ Employ maritime risk assessment, ports and terminals challenges and solutions
- ✓ Identify the role of carriers, terminals and third parties in liner and bulk shipping
- ✓ Apply good practice in terminal marine operations as well as loading operations in crude oil and LNG handling in terminals
- ✓ Carryout oil pollution management and identify oil pollution cost

Training Designed for:

This course is intended for Managers, Ship Owners, Port Developers, Port Investors, Traders and Charterers, Logistics and Freight Forwarders, Shipping Agents, Terminal Staff and Technology Providers, Multimodal Transport Service Providers, Construction and EPC Consultants and Terminal and Port Operators.

Training Requirement:

“Hand’s on practical sessions, equipment and software will be applied during the course if required and as per the client’s request.”

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

DAY ONE:

- ❖ PRE-TEST
- ❖ Introduction
- ❖ Terminal Scheduling Problems
 - Berth Allocation, Ship Arrival Tanks & Pipeline Allocations, Integration of Terminal Scheduling Problems, Uncertainty in Terminal Scheduling
- ❖ Liquid Bulk
 - General Supply Chain, Stakeholders, Carriers, Trade Routes, Trends
- ❖ Liquid Bulk Terminals
 - Functions, Characteristics, Equipment, Categorisation

DAY TWO:

- ❖ Oil & Gas Terminals Regulations
- ❖ Regulations on Quality & Safety, Port Pricing Regulations
- ❖ Port Pricing & Marginal Cost

DAY THREE:

- ❖ Analysis of Cost Structure & Functions in Oil Transport & Refining
- ❖ Environmental Risks at Ports & Terminals Grow as Oil Traffic Activity
- ❖ The Impacts of Globalisation on International Maritime Transport Activity
- ❖ Marine Risk Assessment

DAY FOUR:

- ❖ Ports & Terminals Risk Challenges & Solutions
- ❖ The Role of Carriers, Terminals & Third Parties in Liner & Bulk Shipping
- ❖ Guide a Good Practice in Terminal Marine Operation
- ❖ **Practical Exercises/Case Studies**

DAY FIVE:

- ❖ Crude Oil & LNG Handling Principles in Terminals - Loading Operations
- ❖ Oil Pollution Management, Oil Pollution Cost: Prevention versus Clean Up & Fines
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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