



COURSE OVERVIEW OE0863 Oil & Gas Port Knowledge

Course Title

Oil & Gas Port Knowledge

Course Date/Venue

Session 1: November 05-09, 2023/Venue 1
Meeting Room, Sheraton Cairo
Hotel & Casino, Cairo, Egypt

Session 2: March 03-07, 2024/Boardroom 1,
Elite Byblos Hotel Al Barsha,
Sheikh Zayed Road, Dubai, UAE



Course Reference

OE0863

Course Duration/Credits

Five days/3.0 CEUs/30 PDHsp



Course Description



This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops

This course is designed to provide participants with a detailed and up-to-date overview of oil & gas port knowledge. It covers the framework for port reform and port business environment; the competitive landscape, port dynamics in the 21st century, challenges and opportunities; the alternative port management structures and ownership models; the port finance overview, legal tools, port authority, terminal operations and port regulations; and the concessions for the management and operation of an existing terminal.



At the end of the course, participants will be able to recognize financial implication of a port and principal risk in a port project; implement port regulations covering regulatory concerns when formulating a port strategy and strategies to enhance port sector competition; design port regulatory system and identify the labor reform and related social issues, labor involvement in port and the institutional framework for labor reform; apply international support for labor adjustment and implement port reform; and redefine authorities and power; legal adaptation and prepare transaction.



Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on oil & gas port knowledge
- Discuss framework for port reform and port business environment
- Explain competitive landscape, port dynamics in the 21st century, challenges and opportunities
- Determine alternative port management structures and ownership models
- Describe port finance overview, legal tools, port authority, terminal operations and port regulations
- Discuss concessions for the management and operation of an existing terminal
- Recognize financial implication of a port and principal risk in a port project
- Implement port regulations covering regulatory concerns when formulating a port strategy and strategies to enhance port sector competition
- Design port regulatory system and identify labor reform and related social issues, labor involvement in port and the institutional framework for labor reform
- Apply international support for labor adjustment and implement port reform
- Redefine authorities and power, discuss legal adaptation and prepare transaction

Who Should Attend

This course provides an overview of all significant aspects and considerations of port management and administration for prospective senior managers and management trainees in the port industry; port and maritime authority personnel seeking career development; new and future entrants to the industry such as seafarers and graduates; shipping line managers, shipping agents plus freight, cargo and logistics service providers, government staff, regulators and planners; equipment and service suppliers, industry advisors, investors, legal professionals and consultants; engineering and construction companies, infrastructure and investment managers.

Training Methodology

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

- 30% Lectures
- 20% Workshops & Work Presentations
- 20% Case Studies & Practical Exercises
- 30% Videos, Software & Simulators

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Fee

Egypt	US\$ 8,000 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Dubai	US\$ 8,000 per Delegate + VAT . This rate includes H-STK [®] (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours.

Certificate Accreditations


Certificates are accredited by the following international accreditation organizations:-

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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units (CEUs)** in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.



Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Captain Mohamed Ghanem, MSc, BSc, is a **Senior Master Marine Engineer** with extensive experience in **Marine Engineering** within **Oil & Gas, Refinery** and **Marine** industry. His expertise widely covers in the areas of **Global Maritime Distress Safety System (GMDSS)**, **Marine Operations**, **International Maritime Conventions & Codes**, **International Ship and Port Facility Security Code (ISPS) Code**, **Buoyage System & International Code of Signals**, **Oil & Gas Marine Terminals**, **Port Terminals Crisis Management & Major Emergency Response**, **Marine Hazards Prevention & Control**, **Single Buoy Mooring System (SBM)**, **Emergency Response Procedure**, **Oil Spill Management & Recovery**, **Oil Spill Management & Response**, **Oil Spill Prevention & Control**, **Oil Spill Combating Operations**, **Oil Spill Awareness**, **Oil & Gas Marine Terminals**, **Offshore Marine Operation Management**, **International Maritime Conventions & Codes**, **Vessel Hull & Machinery Survey**, **Oil & Gas Fields Offshore Survey**, **Oil & Gas Terminals Loading & Discharging**, **Marine Engineering**, **Terminal Operations**, **Seamanship**, **Shipping Overview**, **Marine Fire Fighting Equipment**, **Life Saving**, **Safety Process**, **Major Emergency Management & Control**, **Crisis Management during Oil Spill and Firefighting**. He is currently the **Jack Up Barge Engineer & Captain** of **ADNOC Drilling** wherein he oversees all the operations onboard the vessel including navigation, maintenance and compliance with local regulations.

During his life career, Captain Mohamed has gained his practical and field experience through his various significant positions and dedication as the **Barge Engineer & Marine Planner Onboard**, **Trainee Barge Engineer Onboard**, **Assistant Barge Master II Onboard**, **Assistant Barge Master Onboard**, **Site Engineer**, **Marine Surveyor**, **Ship Repair Engineer**, **Vessel Repairing Engineer**, **Metal Cutting & Welding Planner**, **Marine Engineer Onboard**, **Technical Manager** and **Maintenance Mechanical Engineer** from the Shelf Drilling Co, Marine & Engineering Consulting, ADMARINE III (X-GSF 103) at ADES, Oceandro Large Yacht Builder, International Inspection Company, Synchrony-Lift Works and B-Tech Company.

Captain Mohamed has **Master** and **Bachelor** degrees in **Naval Architecture & Marine Engineering**. Further, he is a **Certified Instructor/Trainer**, a **Certified Trainer, Assessor & Internal Verifier** by the **Institute of Leadership of Management (ILM)** and holds a certificate in **Marine III Engineer** and **OIM & Mobile Offshore Drilling Unit (MODU)**. He is an **active member** of The International Transport Workers' Federation (**ITF**), UK and has delivered numerous courses, workshops, trainings and conferences worldwide.



Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1:

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0900	Framework for Port Reform Introduction & Objectives • The Port Business Environment • Implementing Port Reform
0900 – 0930	Port Background Port Facilities & Port Operations • Oil & Gas Terminal Port Rotation of Vessels, including Legal Aspects such as Port Limits • Berthing Instructions & Harbour Master Duties • Different Anchorage Areas & Their Functions
0930 – 0945	Break
0945 – 1030	Overview of the Competitive Landscape
1030 – 1130	Port Dynamics in the 21st Century
1130 – 1145	Break
1145 – 1245	Port Terminal Specifications & Guidelines Port Facilities & Port Operations, including Environmental Requirements, & Port Restrictions • Oil And Gas Terminal Layouts & Specifications, including Loading Arm, SPM & Bunker Supplies • Berthing Instructions, Related Documents & Harbour Master Duties • Loading & Discharging of Tankers, including the Importance of Loading Rates & Their Relation To Port & Vessels Capabilities • Terminal Safety Regulations, including Safety Equipment Available • Different Cargo Types Provided at each Berth/Terminal, including Bunker Supplies • Mooring Equipment, including Terminal Mooring Layout, Specifications & Vessels Requirements
1245 – 1420	Challenges & Opportunities
1420 - 1430	Recap
1430	Lunch & End of Day One

Day 2:

0730 – 0900	Alternative Port Management Structures & Ownership Models Evolution of Port Institutional Frameworks • Port Functions, Services & Administration Models
0900 – 0915	Break
0915 – 1100	Port Finance Overview Port Reform Modalities • Marine Services
1100 – 1230	Legal Tools, Port Authority & Terminal Operations, Port Regulations
1230 – 1245	Break
1245 – 1420	Concessions for the Management & Operation of an Existing Terminal
1420 - 1430	Recap
1430	Lunch & End of Day Two



Day 3:

0730 – 0930	Financial Implication of a Port <i>Characteristics of the Port Operator • Risk Management</i>
0930 - 0945	<i>Break</i>
0945 – 1100	Principal Risk in a Port Project
1100 – 1215	Port Regulation <i>Regulatory Concerns When Formulating a Port Strategy • Strategies to Enhance Port Sector Competition</i>
1215 – 1230	<i>Break</i>
1230 - 1420	Designing a Port Regulatory System <i>Port Tariffs: General Structure, Items & Flow of Charges</i>
1420 - 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4:

0730 – 0930	Labor Reform & Related Social Issues <i>Key Labor Issues</i>
0930 - 0945	<i>Break</i>
0945 – 1100	Labor Involvement in Port <i>Organizing to Address Labor Reform</i>
1100 – 1215	The Institutional Framework for Labor Reform <i>Developing the Workforce • Rationalization Plan</i>
1215 – 1230	<i>Break</i>
1230 - 1420	International Support for Labor Adjustment
1420 - 1430	Recap
1430	<i>Lunch & End of Day Four</i>

Day 5:

0730 – 0930	Implementing Port Reform <i>Strategic Preparation: The Interministerial Working Group</i>
0930 - 0945	<i>Break</i>
0945 – 1100	Redefinition of Authorities & Powers
1100 – 1215	Legal Adaptation
1215 – 1230	<i>Break</i>
1230 - 1345	Transaction Preparation
1345 - 1400	Course Conclusion
1400 - 1415	POST-TEST
1415 - 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>



Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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