COURSE OVERVIEW OE0445(AR1)

Tanker & Marine Terminals

Operations, Charter Parties, Laytime, Demurrage, Loss Control, Audits, Rules & Regulations

Course Title

Tanker & Marine Terminals: *Operations, Charter Parties, Laytime, Demurrage, Loss Control, Audits, Rules & Regulations*

Course Reference

OE0445(AR1)

3.0 CEUs (30 PDHs) AWARD

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Date/Venue

Session(s)	Date	Venue
1	February 16-20, 2025	Slaysel 02 Meeting Room, Movenpick Hotel & Resort Al Bida'a Kuwait, City of Kuwait
2	July 20-24, 2025	Doha, Qatar/Oryx Meeting Room, Double Tree by Hilton Al Saad, Doha, Qatar
3	November 16-20, 2025	Doha, Qatar/Oryx Meeting Room, Double Tree by Hilton Al Saad, Doha, Qatar

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.

The domestic and international rules governing the qualifications for personnel serving on tank vessels have changed in recent years and the operation of marine terminals has become more socially and environmentally sensitive. Accidents, the potential for accidents and the extreme consequence that can result for operating companies has heightened the need not only for effective operations but a need to be able to show that operations meet international best practice.

This course addresses some of the serious, often complex issues facing the industry today and details practical areas of ship operations and will concentrate on tanker operations, tanker charter parties, laytime and demurrage, petroleum cargo loss control, terminal operations audits and marine rules and regulations.

The course will also provide an excellent practical review of tanker operations without being loaded down with excessive technical detail. It details tanker types, sizes, uses and design of tank vessels; cargo and classification methods; tanker route planning and navigation; tanker cleaning practices and procedures; cargo planning, operations and measurement; and maintenance practices. Further, the relative laws, regulations, and regulatory bodies and industry organizations will also discuss such as IMO, API, ISO, ASTM, ISPS, etc. The basics of charter parties, worldscale and vessel performance will also be covered during the course.

Course Objectives

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

- Apply systematic techniques in tanker and marine terminal operations, charter parties, laytime, demurrage, loss control, audits, rules and regulations
- Identify the types, sizes uses and design of tank vessels, types of cargo and classification methods
- Employ tanker cleaning practices and procedures, cargo measurement, cargo lightering and maintenance practices
- Recognize the types of tankers' charter parties and discuss the chartering terms and definitions
- Apply tankers' vetting techniques, voyage cost structure, laytime calculation demurrage calculations and gain knowledge on worldscale and freight rates
- Discuss ship and shore measurement terms and definitions and the difference between static and dynamic measurement
- Illustrate petroleum loss prevention and petroleum loss investigations
- Apply inventory and custody transfer accounting, cargo reconciliation and voyage analysis
- Employ safety aspects and concerns
- Audit inventory control and losses, tank strapping and certification, environmental issues, handling of hazardous waste in storage tanks, leak detection and prevention, soil remediation, personnel training program, safety issues, security issues
- Gain knowledge on the industry acts, rules and conventions, ISPS code and other security issues, pollution laws and regulations

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations on the operations, charter parties, laytime, demurrage, loss control, audits, rules and regulations of tanker and marine terminals for marine operations managers, superintendents, supervisors, engineers and other technical staff.

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: -

- 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.

- 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.

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:

Mr. Mohamed Aboussena is a **Senior Marine** and **Mechanical Engineer** with over **20 years** of industrial experience in **Oil**, **Gas**, **Petrochemical** and **Marine** industries. His wide expertise includes **Oil** & **Gas Marine Terminal Optimization**, **Major Terminal Management**, **Terminal Operations**, **Terminal Planning**, **Cargo Transfer Handling**, **Tank Cleaning** & **Ballasting**, **Oil Washing** & **Tank Cleaning**, **Terminal Support Operations**, **Oil Spill Contingency** & **Emergency Respond Plans**, **Qualitative** & **Quantitative Risk Assessment**, **Air Compressors**, **Pumps**, **Diesel Engines**, **Diesel Generators**, **Fans** & **Blowers**, **Screw Cutting**, **Pressure Vessel**, **Mechanical Seals**, **Pipes**, **Heat Exchangers**, **Oil Purifiers**, **Refrigeration Plants**, **Hydraulic Equipment**, **Metal Turing**, **Gas Welding**, **Arc Welding** and **Surface Grinding** & **Milling**. He is also well versed in marine oil tanker operation, marine terminal operations, liquefied gas tanker safety, LPG/LNG ships handling, **IGS**, **FRAMO III**, **COW**, first aid, prevention & combating of marine pollution, personal safety, survival crafts, search & rescue operation and firefighting prevention. Currently, he is the **Marine Head** of an **Oil Tanker Company** in the **Middle East**.

During his career life, Mr. Mohamed has gained his practical and field experience through his various significant positions with international ship carriers like **M/T Altahreer**, **LPG Gas Alminagish**, **M/T Ras Alzour**, **LPG Gas Almutlaa**, **M/T Gulf Navigator**, **M/V Abu Dhabi**, **M/V Alsabahia**, **M/V Deira**, **M/T Albahah**, **M/T Shaybah**, **M/T Aldebaran Star**, **M/T Altair Star**, **M/T Albahah**.

Mr. Aboussena has a **Bachelor** degree in **Marine Engineering**. Further, he is a **Certified Instructor/Trainer** and obtained various certifications in **Liberian Medical Exam**, **Dangerous Cargo**, **Oil Tanker Operation**, **Liquefied Gas Tanker**, **FRAMO III** to name a few. He has further delivered numerous trainings, seminars, courses, conferences and workshops globally.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

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

Course Fee

Kuwait	**US$ 5,500** per Delegate **+ VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Doha	**US$ 6,000** per Delegate. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

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

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 – 0745	*Registration & Coffee*
0745 – 0800	*Welcome & Introduction*
0800 – 0815	***PRE-TEST***
0815 – 0930	***Tanker Operations*** *Types, Sizes, Uses and Design of Tank Vessels ● Maritime terms and Definitions ● Types of Cargo and Classification Methods*
0930 – 0945	*Break*
0945 – 1215	***Tanker Operations (cont'd)*** *Tanker Route Planning and Navigation ● Tankers' Anatomy ● Cargo Planning and Operations*
1215 – 1230	*Break*
1230 – 1330	***Tanker Operations (cont'd)*** *Tanker Cleaning Practices and Procedures ● Cargo Measurement*
1330 – 1420	***Tanker Operations (cont'd)*** *Cargo Lightering ● Maintenance Practices*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2

0730 – 0930	***Tanker Charter Parties, Laytime and Demurrage*** *Types of Tankers' Charter Parties ● Chartering Terms and Definitions ● Typical Charter Parties Clauses*
0930 – 0945	*Break*
0945 – 1215	***Tanker Charter Parties, Laytime and Demurrage (cont'd)*** *Tankers Vetting Techniques ● Voyage Cost Structure ● Notice of Readiness Implications*
1215 – 1230	*Break*

1230 – 1330	***Tanker Charter Parties, Laytime and Demurrage (cont'd)*** *Laytime Calculation ● Elements of a Demurrage Claim ● Investigating a Claim*
1330 – 1420	***Tanker Charter Parties, Laytime and Demurrage (cont'd)*** *Demurrage Calculations ● Worldscale and Freight Rates ● Disputes Arbitration and Litigation*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3

0730 – 0930	***Petroleum Cargo Loss Control*** *Ship and Shore Measurement Terms and Definitions ● Static vs. Dynamic Measurement ● Aspects of Measurement Accuracy*
0930 – 0945	*Break*
0945 – 1215	***Petroleum Cargo Loss Control (cont'd)*** *Petroleum Loss Prevention ● Petroleum Loss Investigations ● Inventory and Custody Transfer Accounting*
1215 – 1230	*Break*
1230 – 1330	***Petroleum Cargo Loss Control (cont'd)*** *Cargo Reconciliation and Voyage Analysis ● Investigation Cases Documentation*
1330 – 1420	***Petroleum Cargo Loss Control (cont'd)*** *Safety Aspects and Concerns ● Legal Aspects of Custody Transfer*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4

0730 – 0930	***Terminal Operations Audits*** *Regulatory and Industry Organizations ● Inventory Control and Losses ● Tank Strapping and Certification*
0930 – 0945	*Break*
0945 – 1215	***Terminal Operations Audits (cont'd)*** *Terminal Auditing – Compliance/Safety/Inventory ● Environmental Issues ● Handling of Hazardous Waste in Storage Tanks*
1215 – 1230	*Break*
1230 – 1330	***Terminal Operations Audits (cont'd)*** *Leak Detection and Prevention ● Soil Remediation ● Personnel Training Programs*
1330 – 1420	***Terminal Operations Audits (cont'd)*** *Safety Issues ● Security Issues*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Four*

Day 5

0730 – 0930	***Marine Rules and Regulations*** *Governing National and International Authorities ● Industry Organizations (IMO, API, ISO, ASTM)*
0930 – 0945	*Break*
0945 – 1145	***Marine Rules and Regulations (cont'd)*** *Industry Acts, Rules and Conventions ● Classification Societies*
1145 – 1245	***Marine Rules and Regulations (cont'd)*** *Oil Spill Prevention and Cleanup ● ISPS Code and other Security Issues*
1245 – 1300	*Break*
1300 – 1345	***Marine Rules and Regulations (cont'd)*** *Pollution Laws and Regulations ● Future of Single and Double Hull*
1345 – 1400	***POST-TEST***
1400 – 1415	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Practical Sessions

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

Course Coordinator

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