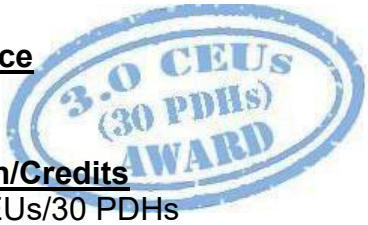
COURSE OVERVIEW OE0443
Loss Control Marine Expeditor Certification

Course Title
Loss Control Marine Expeditor Certification



Course Date/Venue
Session 1: April 25-29, 2027/Meeting Plus 9, City Centre Rotana, Doha, Qatar
Session 2: October 03-07, 2027/Meeting Plus 9, City Centre Rotana, Doha, Qatar



Course Reference
OE0443

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

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 loss control marine expeditors. It covers the expeditors role and the importance of communication; the PPE, ISGOTT and EI model; the TCV/GSV/VEF/ROB/Innage/MMC; the equipment accuracy, calibration and gauging accuracy; the impact of differing measurement tables used; and the custody transfer, oil loss control at load ports, crude and products/blending.

Further, the course will also discuss the loading of crude and products in the vessel; the deadweight calculations, forecasting, OBQ measurements/wedge formulae and VEF assessment; deballasting, vessel stresses/saging, completion of loading and final cargo measurement; the terminal loading systems, meter issues, shore tank measurement and line fullness checks; the quality assessment sampling and analysis techniques; and blending on board, demurrage, official documentation and expeditors tasks at a loading.

During this interactive course, participants will learn the crude oil and products discharging, COW and stripping operations; the terminal discharge plan and its impact on oil loss control; the vessel at discharge, pumping, stripping and crude oil washing; the stripping operation, line stripping and ROB measurement; the analysis and reporting outturn calculation and email communication at a discharge; the vapour emission control and vapour loss; and the ship to ship (STS) operations, voyage analysis, reconciliation and loss investigation.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain an in-depth knowledge on loss control marine expeditors
- Discuss the expeditors role and the importance of communication including PPE, ISGOTT and EI model
- Define TCV/GSV/VEF/ROB/Innage/MMC and carryout equipment accuracy, calibration and gauging accuracy
- Explain the impact of differing measurement tables used
- Describe custody transfer, oil loss control at load ports, crude and products/blending
- Load crude and products in the vessel and perform deadweight calculations, forecasting, OBQ measurements/wedge formulae and VEF assessment
- Illustrate deballasting, vessel stresses/saging, completion of loading and final cargo measurement
- Recognize terminal loading systems, meter issues, shore tank measurement and line fullness checks
- Employ quality assessment sampling and analysis techniques
- Discuss blending on board, demurrage, official documentation and expeditors tasks at a loading
- Apply crude oil and products discharging, COW and stripping operations
- Describe terminal discharge plan and its impact on oil loss control
- Determine vessel at discharge, pumping, stripping and crude oil washing
- Carryout stripping operation, line stripping and ROB measurement
- Employ analysis and reporting outturn calculation and email communication at a discharge
- Discuss vapour emission control and vapour loss as well as apply ship to ship (STS) operations, voyage analysis, reconciliation and loss investigation

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 of loss control for marine expeditors, terminal managers, port captains, loading masters, inspectors, superintendents, surveyors, P&I surveyors, charterers, procurement officers, tanker crew and officers, customs officers, shipping agents and those who are involved in daily bulk oil cargo handling, shipping, transport, inspection, tank storage, refining, marketing, brokering concerned with quantity, quality or operational loss before, during and after custody transfer.

Course Certificate(s)

(1) Internationally recognized Wall Competency Certificates and Plastic Wallet Card Certificates will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

Recertification is FOC for a Lifetime.

Sample of Certificates

The following are samples of the certificates that will be awarded to course participants:-







(2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course



Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

Page 1 of 1

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-19

HTME No. 8667-2014-9020-2555

Participant Name: Abdulsatar Al Otaibi

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
OE0443	Loss Control Marine Expeditor Certification	November 10-14, 2019	30	3.0

Total No. of CEU's Earned as of TOR Issuance Date **3.0**

TRUE COPY

Maricel De Guzman
Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 Standard which is widely recognized as the standard of good practice internationally. As a result of their Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for programs that qualify under the ANSI/IACET 1-2013 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 Association 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 is accredited by

P.O. Box 26070, Abu Dhabi, United Arab Emirates | Tel.: +971 2 3091 714 | Fax: +971 2 3091 716 | E-mail: info@haward.org | Website: www.haward.org

Certificate Accreditations

Haward's 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**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). 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 Fee

US$ 8,500 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 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 Abdel Monem Hosny, PhD, MSc, MFG, PGDip, BSc, is an **International Expert** in **Marine** & **Port Operations** with over **30 years** of **marine** and **industrial** experience. His expertise lies on **Marine Terminal Operations** & **Management**, **Marine Survey**, **Marine Services and Control**, **Navigational Safety**, **Maritime Security**, **Port Facility Security**, **International Ship** & **Port Security** (**ISPS**), Oil Spill, Environmental Management & Technology (ISO14001), Hazardous Waste Management & Pollution Prevention, Accident Investigation and Reporting, and Emergency Response Planning. Currently, he is the **General Director** of **Environmental Development Commission** with the **Egyptian Environmental Affairs Agency** (**EEAA**). Further, he oversees the **environmental planning** and the identification of environmental conditions for ideal land use for **developing projects** in **urban**, **industrial** and **tourist areas**, supervises the planning, organizing and coordinating the creation of pilot projects for the **conservation** & **protection** of the **environment**, offers technical support for urban, industrial and tourist projects in the environmental and development field.

Previously, Captain Hosny was the **Senior Specialist** for the **Integrated Coastal Zone Management Department** with the **EEAA**. Herein, he was responsible for the **design, supervision** and **implementation** of **National Oil Spill Contingency Plan**, and the **Monitoring & Pollution Sources Inspection Program** for the whole country. He also served as a **focal point** for **competent authorities** and **sectors** which **deal** with **marine pollution** and with the **Regional Organization** for the **Conservation** of the **Environment** of the **Red Sea** and **Gulf of Adan** (**PERSGA**) and further represented the agency in **international meetings** and **conferences**.

Earlier in his career life, he worked with **Damietta Port Authority** and the **Port Control Tower** as the **Maritime Services General Manager**, **Captain, Container Ships** & **Handling Cargo Manager**, **Port Areas Manager**, **Lieutenant Commander**, **Operating Researcher** & **Computer Analyst**, **Navy Officer** and **Ensign** wherein he managed the control for **all marine units**, the preparation, planning and control of **all marine service activities**, the prevention and control of **marine pollution accidents**, the implementation of channel sedimentation cleanup work, the scheduling of operational work on **ships** and the manoeuvring and in-out channel scheduling of **pilot boats** and **ships**.

Captain Hosny has a **PhD** in **Environmental Sciences**, a **Master** degree in **Environmental Management** and in **Foreign Going**, a **Post-Graduate Diploma** in **Operation Researches** and a **Bachelor** degree in **Naval Military Science** as well as in **Maritime Studies**. Further, he is a **Certified Instructor/Trainer**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership of Management (ILM)** and a recognized member of the Operation Researches Society, Maritime Transport Sector in Pollution & Prevention of Pollution from Ships in international ports and Chartered Institute of Logistics and Transport (**CILT**). He has delivered numerous courses, workshops, trainings and conferences worldwide.

Training Methodology

Our courses employ an interactive, learner-centred methodology that integrates theoretical knowledge with practical application. The training is delivered through a suitable combination of some or all of the following methods, selected according to the course content and learning objectives:

- Instructor-led presentations and facilitated discussions
- Practical workshops and participant presentations
- Hands-on exercises and real-world case studies
- Equipment demonstrations and technical drawings
- Hardware- and software-based simulations
- Gamification & Role Play in soft-skills courses only
- Virtual Reality (VR) and Augmented Reality (AR)
- Instructional videos and other relevant training resources

This blended approach encourages active participation, strengthens practical skills and supports the effective application of acquired knowledge in the workplace.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

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	***Introduction & Loading Operations*** *What is an Expeditor (OLC Super)? • The Expeditors Role & The Importance of Communication • Safety & Preparation • PPE, ISGOTT, EI Model*
0900 - 0930	***Measurement Practice*** *Definitions - TCV/GSV/VEF/ROB/Innage/MMC etc- • Equipment Accuracy & Calibration • Gauging Accuracy*
0930 – 0945	*Break*
0945 – 1100	***Definition of Losses/Gains*** *Impact of Differing Measurement Tables Used*
1100 – 1215	***Custody Transfer*** *Definition & Description • How Buying-How Selling (Quantity & Quality)*
1215 – 1230	*Break*
1230 – 1320	***Oil Loss Control – At Load Ports – Crude & Products/Blending*** *7 Key Points at Loading (Including Documentary & Voyage Instructions)*

1320 - 1420	***Loading Crude & Products – The Vessel*** *Key Meeting • Readiness to Load • Tank & Ships Line Cleanliness • Space Available • Deadweight Calculations • Forecasting B/L Date – Demurrage Issues • OBQ Measurements/Wedge Formulae • VEF Assessment – Intro – Latest API Updates • Deballasting • Vessel Stresses/Sagging – Effect on Max Draft etc • Completion of Loading • Final Cargo Measurement – Ship • Cargo Heating? • Where Quantity Losses Can Occur at Loading When B/lading is Based on Received Ship Figure*
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 – 0830	***Loading Systems – Terminal*** *Meters, Shore Tanks, FPSO, STL • Meter Issues • Shore Tank Measurement – Fixed/Floating Roof • Line Fullness Checks – High Point Bleed/Displacement/ Circulation/Press/Pigging*
0830 - 0930	***Quality Assessment – Sampling & Analysis Techniques*** *Examples of Poor Quality Sampling • Ship Composite Sampling – Right & Wrong Ways – Latest Equipment • Auto In-Line Sampling • Analysis Methods for Crude • Repeatability & Reproducibility • Additional Sampling & Analysis Methods for Products*
0930 – 0945	*Break*
0945 – 1100	***Blending on Board*** *Bench Blends • Line Content • Overall Blend on Board – Sampling & Associated Problems • The Importance of Reproducibility When Retesting Samples Later*
1100 – 1215	***Demurrage*** *Charter Party Definitions • Brief Explanation of Demurrage • Case Studies*
1215 – 1230	*Break*
1230 – 1420	***Official Documentation*** *Checks & Protests*
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 – 0830	***Crude Oil & Products Discharging, COW & Stripping Operations*** *Custody Transfer/How Selling? • 8 Key Points at a Discharge*
0830 - 0930	***Terminal Discharge Plan – Impact on Oil Loss Control*** *Ship/Terminal Interface – How Q & Q will be Assessed • Specifics to Discuss with Terminal, Inspector & Client • Expeditors Tasks • Measurement/Accuracy Issues Influencing Quantity & Quality as Discussed for Load • Volumetric Shrinkage • Line Fullness Check*
0930 – 0945	*Break*

0945 – 1100	***Vessel at Discharge*** *Key Meeting • Measurements • Discharging Plan & Operations • Expeditors tasks Before & During the Discharge • Ballasting During Discharge (Especially during COW)*
1100 – 1215	***Pumping & Stripping*** *Pump Types (Centrifugal, Positive Displacement, Deepwell Pumps- The Advantage of Products)*
1215 – 1230	*Break*
1230 – 1420	***Introduction to Crude Oil Washing*** *"Fire Triangle" & Safe Atmosphere Diagram Explanation • The Need for Quality Inert Gas – Non-Flammable Atmospheres • A Short Review on IG Plant on Tankers • Testing Equipment for 02 Levels Prior to COW • COW Equipment – Various Machines Available – Advantages/Disadvantages • The Washing Program • Crude Assays & the "Wax Problem" • Heating the Cargo for COW • The Best Washing Techniques for Minimizing ROB • Monitoring the COW Performance • Keeping a COW Log & Reporting on the COW Performance • Why so Many Losses When "Assays" Not Reviewed Prior to Washing? • COW Report & Recommendations to your Clients for Future Operations • The Discharge Letter*
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 – 0830	***Final Important Stages on the Vessel*** *The Stripping Operation • How to Ensure the Best Possible Returns to Slop Tanks & Improve Outturns • Line Stripping • The Marpol Line – Contamination Risk! • Pumping Logs • ROB Measurement • Comparison Ship/Shore (Provisional) Outturn • ROB Report & Protests*
0830 - 0930	***Final Stage in Terminal*** *Provisional Outturn Assessment – Quantity & Quality • Auto-Sampler Performance • Mixing of Sample • Analysis & Reporting • Samples Retained Where Necessary • Final Outturn Calculation • Quantity Shore Terminal Accuracy Issues • Using Ship Delivered Figures (VEF Adjusted) for Outturn*
0930 – 0945	*Break*
0945 – 1100	***Email Communications at a Discharge***
1100 – 1215	***Incident Reporting***
1215 – 1230	*Break*
1230 – 1420	***Vapour Emission Control & Vapour Loss***
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 – 0830	***Ship to Ship (STS) Operations, Voyage Analysis & Reconciliation, Loss Investigation***
0830 – 0930	***Ship to Ship (STS) Operations*** *Quantity & Quality Control • B/Lading Assessment • Safety*

0930 – 0945	*Break*
0945 – 1100	***Voyage Analysis & Reconciliation*** *Definition of Type of Losses & Gains • Examples of Calculations – Crude & Products*
1100 – 1215	***Loss Investigation – Primary & Secondary***
1215 – 1230	*Break*
1230 – 1300	***Final Report*** *Report Types (Expediting Type, Claim and/or Loss Type)*
1300 – 1315	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1315 – 1415	***COMPETENCY EXAM***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Practical Sessions

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



Course Coordinator

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