



COURSE OVERVIEW OE0399(KN1)

Loading Master Certification for Oil & Gas Terminals

Course Title

Loading Master Certification for Oil & Gas Terminals

Course Date/Venue

March 21-25, 2027/Banguet Hall, Triumph Plaza Hotel, Cairo, Egypt

Course Reference

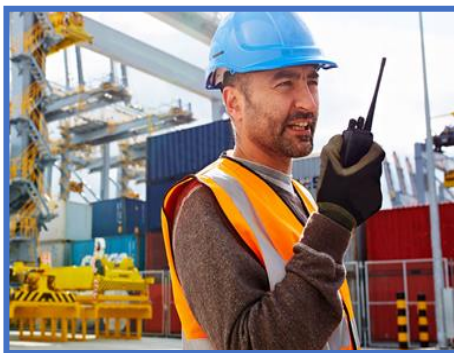
OE0399(KN1)

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.



The loading master person-in-charge (PIC) is the marine transfer operator at the marine terminal who supervises the movement of petroleum products between tanker ships, barges, and the terminal while the vessel is berthed at the dock. In this capacity the marine transfer operator ensures that all regulatory aspects concerning protection of the environment and maritime security are adhered to during marine transfer operations. Of particular importance is ensuring no water pollution occurs from a spill or a breach of security from the access of unauthorized personnel.



This course is designed to provide participants with a detailed and up-to-date overview of loading master for oil and gas terminals. It covers the procedures for handling, loading and discharging of oil and gas cargoes; the updated international regulations; the operational efficiency for oil storage and transport; the compliance, safety and environmental performances; and the special safety, maintenance and emergency procedures for oil and gas tankers.



Course Objectives/Outcomes & Benefits for the Participants

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

- Master operational best practices and apply a structured approach to oil and gas marine terminal management
- Identify improved procedures for the handling, loading and discharging of oil and gas cargoes
- Use updated international regulations concerning tankers including physical properties and types of cargoes
- Implement and increase the operational efficiency for oil storage and transport
- Disclose loss awareness and techniques to prevent losses
- Improve compliance, safety and environmental performances including pollution prevention and marine response to spills
- Clarify pumps and pipeline systems including loading and discharge operations
- Develop, plan and implement special safety, maintenance and emergency procedures for oil and gas tankers

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 is intended for port and terminal operations managers, port operations shift executives, marine officers, mooring masters, plant managers and supervisors, barge superintendent and executives, plant superintendent (off-site and on-site), process engineers, HSE officers and executives, logistics and distributions executives, deck leaders, deck crews and other technical staff.

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.



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 Certificate(s)

- (1) Internationally recognized Competency Certificates and Plastic Wallet Cards 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.

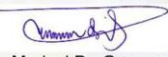
Sample Certificates

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 * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *				
		Haward Technology Middle East Continuing Professional Development (HTME-CPD)		CEUs Page 1 of 1
		<u>CEU Official Transcript of Records</u>		
TOR Issuance Date:		19-Nov-17		
HTME No.		PAR11317		
Participant Name:		Rashed Al Ismail		
Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
OE399(KN1)	Loading Master Certification for Oil & Gas Terminals	Nov 15-19, 2017	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), 1760 Old Meadow Road, Suite 500, McLean, VA 22102, 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.

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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.

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 Sergey Kole, is an **International Expert** in **Port Operations & Management** with over **25 years** of **onshore** and **offshore** experience within the **Oil & Gas, Petroleum** and **Refinery** industry. His expertise widely covers in the areas of **Tanker Vetting & Inspection, International Ship and Port Facility Security Code (ISPS) Code, Marine Vetting & Audit Criteria Manual for Tank Ships, Marine & Ship Vetting, Vetting Process & Marine Safety Criteria, Tanker Vetting for Terminals, Ship Vetting, Marine Terminal Operations & Management, Marine Hazards Prevention & Control, Marine Communication Systems, Marine Safety, Ship Management, Oil Terminal Planning, Vessels Operations, Terminal Management & Support Operations, Oil Spill Contingency & Emergency Response Plan, Qualitative & Quantitative Risk Assessments, Terminal Planning, Oil Tanker Storage Planning, Cargo Transfer Handling, Loading & Discharging, Ballasting, Tank Cleaning, Crude Oil Washing, Ship Handling, Radar Navigation, Navigational Aids, Meteorological Data Review, Sea & Weather Condition Monitoring, ERT Vessel Coordination and Transport & Distribution Carrier**. Further, he is well-versed in **Sea-going Personnel Human Resource Management, Survival Craft & Rescue Boats, Dynamic Positioning, Anti-Piracy Preparedness & Response, Shipping Maintenance System, Oil & Chemical Tanker, Liquefied Gas Tanker, Inert Gas System, Crude Oil Tanker & Gas Carrier, Offshore Logistics & Supply Management, Marine Fleet Management & Operations, International Maritime Conventions & Codes, Marine Radar, Port Traffic Control Systems & Instrumentation, H₂S Hazard Awareness, Firefighting, Medical Care Onboard, Carriage of Dangerous & Hazardous Substances and Ballast Water & Sediment Management**.

During his career life, Captain Sergey has gained his technical and marine expertise through various challenging key positions such as being the **Captain, Operations Director, Project Manager, Port Supervisor, Master** of General Cargo Ship, **Master** of Container Ship, **Chief Officer, Marine Operations Specialist, Marine Coordinator, On-call Duty Officer, Crewing Consultant, 2nd Officer, Ship Chandler** and **Senior Instructor/Trainer** for several international companies such as **ZADCO, AMEC Foster Wheeler, Fircroft Engineering Services, Ltd., Rusalina Yacht Company, Van Oord Offshore, Exxon Neftegaz Ltd (ENL), Jr Shipping, Carisbrooke Shipping, Unicorn Petrol ve Kimya, Q Shipping BV, m/v Tradeport, Miedema Shipping CV, Rah Management BV, Petrobulk Maritime Inc., Empross Lines Ship Management, Melcard Ltd., Aquarian Shell Marine Inc., Mercy Baaba and Square Ltd.**

Captain Sergey has a **Bachelor's** degree in **Navigation** in **Nautical Studies** from the **Kiev State Academy of Water Transport, Ukraine** and holds a **Master Mariner (Unlimited)** Certificates of Equivalent Competency from the **MCA, UK** and **NSI, Netherlands**. Further, he is a **Certified Instructor/Trainer**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)** and has delivered various trainings, courses, seminars, workshops and conferences internationally.

Course Fee

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 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: Sunday, 21st of March 2027

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0915	Operational Best Practices
0915 – 0930	Break
0930 – 1100	Operational Best Practices (cont'd)
1100 – 1200	Structured Approach to Oil & Gas Marine Terminal Management
1200 – 1215	Break
1215 – 1420	Structured Approach to Oil & Gas Marine Terminal Management (cont'd)
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2: Monday, 22nd of March 2027

0730 – 0930	Operational Procedures Handling • Loading of Oil & Gas Cargoes
0930 – 0945	Break
0945 – 1100	Operational Procedures (cont'd) Discharging of Oil & Gas Cargoes
1100 – 1200	International Regulations Concerning Tankers Physical Properties
1200 – 1215	Break
1215 – 1420	International Regulations Concerning Tankers (cont'd) Types of Cargoes
1420 – 1430	Recap
1430	Lunch & End of Day Two

Day 3: Tuesday, 23rd of March 2027

0730 – 0930	Operational Efficiency Oil Storage
0930 – 0945	Break
0945 – 1100	Operational Efficiency (cont'd) Oil Transport
1100 – 1200	Loss Awareness & Techniques to Prevent Losses
1200 – 1215	Break
1215 – 1420	Loss Awareness & Techniques to Prevent Losses (cont'd)
1420 – 1430	Recap
1430	Lunch & End of Day Three



Day 4: Wednesday, 24th of March 2027

0730 – 0930	Compliance, Safety & Environmental Performances <i>Pollution Prevention • Marine Response to Spills</i>
0930 – 0945	<i>Break</i>
0945 – 1100	Compliance, Safety & Environmental Performances (cont'd) <i>Pollution Prevention • Marine Response to Spills (cont'd)</i>
1100 – 1200	Pumps & Pipeline Systems <i>Loading & Discharge Operations</i>
1200 – 1215	<i>Break</i>
1215 – 1420	Pumps & Pipeline Systems (cont'd) <i>Loading & Discharge Operations (cont'd)</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Four</i>

Day 5: Thursday, 25th of March 2027

0730 – 0930	Safety & Environmental Management
0930 – 0945	<i>Break</i>
0945 – 1100	Safety & Environmental Management (cont'd)
1100 – 1215	Maintenance & Emergency Procedures for Oil & Gas Tankers
1215 – 1230	<i>Break</i>
1230 – 1300	Maintenance & Emergency Procedures for Oil & Gas Tankers (cont'd)
1300 – 1315	Course Conclusion
1315 – 1415	COMPETENCY EXAM
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>



Practical Sessions

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



Course Coordinator

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