

COURSE OVERVIEW OE0032
Oil Receiving & Separation for Operator

Course Title

Oil Receiving & Separation for Operator

Course Date/Venue

Session 1: June 29-July 03, 2025/Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE

Session 2: November 24-28, 2025/Fujairah Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE



Course Reference

OE0032

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 oil receiving. It covers the development, design and hazards of a crude oil tanker, development of crude oil industry and properties and hazards of crude oil; flammability and volatility, the design for safety of a crude oil tanker, hazards of fuel oil and the sources of ignition; the best practice to protect owners' commercial interests; static electricity de-bottoming current electricity and cargo calculations; ship and shore liaison and the commercial interests; gas evolution, venting and marine vapour emission control; and the atmosphere control and environmental protection.



During this interactive course, participants will learn the inert gas systems, inert gas operations and emergency procedures; cargo pumps and piping systems and crude oil washing; pollution controls and prevention and safe working practices and permits; operation procedures and international regulations concerning oil tankers; dangerous space entry procedures and medical aspects of tanker safety; gas detection instrumentation and cold and hot work permits; double hull tankers and combination carriers; safety management and incident analysis, risk and safety management and the cargo cycle and dry dock to dry dock; firefighting on crude oil tankers and fire and explosion; and incident analysis, recommendations and guidance.

Course Objectives

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

- Apply and gain an in-depth knowledge on oil receiving
- Explain development, design and hazards of a crude oil tanker as well as identify development of crude oil industry and properties and hazards of crude oil
- Define flammability and volatility, apply design for safety of a crude oil tanker, evaluate hazards of fuel oil and describe the sources of ignition
- Carryout the best practice to protect owners' commercial interests
- Recognize static electricity de-bottoming current electricity and explain cargo calculations
- Identify ship and shore liaison and discuss commercial interests
- Review gas evolution and venting and describe marine vapour emission control
- Recognize atmosphere control and environmental protection
- Describe inert gas systems, inert gas operations and emergency procedures
- Explain cargo pumps and piping systems and define crude oil washing
- Discuss pollution controls and prevention and describe safe working practices and permits
- Define operation procedures and explain international regulations concerning oil tankers
- Apply dangerous space entry procedures and recognize medical aspects of tanker safety
- Define gas detection instrumentation and carryout cold and hot work permits
- Evaluate double hull tankers and combination carriers
- Discuss safety management and incident analysis as well as explain risk and safety management and analyze the cargo cycle and dry dock to dry dock
- Identify firefighting on crude oil tankers and discuss fire and explosion
- Explain incident analysis, recommendations and guidance

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 oil receiving for shipping engineers, supervisors, specialists, storage or tank farms technicians, port captains, safety & environmental managers/engineers/officers, spill management team members, transfer supervisors, marine shipping coordinators and dock maintenance planners.

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. Sergey Kole, is a **Senior HSE Consultant** 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 **NEBOSH HSE Certificate in Leadership Excellence, Process Safety Management, Hazardous Materials (HAZMAT), Hazard Communication (HAZCOM), Hazard Recognition & Assessment, Risk Control, Cryogenics, MSDS, Liquefied Natural Gas, Hazard Monitoring Techniques, Environmental Pollution Prevention, Hazardous Classification, Packaging & Labelling, Chemical Transportation, Waste Management, Chemical Spill Clean Up, Risk Assessments, Safety & Emergency Plans, Working at Heights,**

Firefighting, Rescue & Operation, Fall Protection, HSE Emergency Response & Crisis Management Operations, Confined Space Entry, Construction Health & Safety, HSE Principles & Practices, HSE Quantitative Risk Assessment (QRA), Root Cause Analysis & Techniques, Hazardous Materials & Chemicals Handling, Chemical Spills, Safety Precaution & Response Action Plan, PSM, PHA, HAZOP, HAZID, Hazard & Risk Assessment, Task Risk Assessment (TRA), Incident Command, Accident & Incident Investigation, Emergency Response Procedures, Job Safety Analysis (JSA), Behavioural Based Safety (BBS), Work Permit & First Aid, Emergency Response. Further, he is also well versed in **Anatomy of Shipping, Logistics & Transportation Planning Methods, Forecasting Logistics Demands, Visual Network Model, Logistics Operations, Tanker Vetting & Inspection, 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, Mr. Sergey has gained his technical and marine expertise through various challenging key positions such as being the **Project Manager, Account Manager, Commercial Sales Manager, Manager, Sales Engineer, Project Specialist, Senior HR Consultant, Senior Lecturer, Senior Consultant/Trainer, Business Consultant, 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.**

Mr. 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.

Accommodation

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

Course Fee

US\$ 8,000 per Delegate + **VAT**. This rate includes H-STK® (Howard Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

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 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	<i>Registration & Coffee</i>
0800 - 0815	<i>Welcome & Introduction</i>
0815 - 0830	PRE-TEST
0830 - 0930	<i>Development, Design & Hazards of a Crude Oil Tanker</i>
0930 - 0945	<i>Break</i>
0945 - 1015	<i>Development of Crude Oil Industry</i>
1015 - 1045	<i>Properties & Hazards of Crude Oil</i>
1045 - 1145	<i>Flammability & Volatility</i>
1145 - 1230	<i>Design for Safety of a Crude Oil Tanker</i>
1230 - 1245	<i>Break</i>
1245 - 1315	<i>Hazards of Fuel Oil</i>
1315 - 1420	<i>Sources of Ignition</i>
1420 - 1430	<i>Recap</i>
1430	<i>Lunch & End of Day One</i>

Day 2

0730 - 0845	<i>Best Practice to Protect Owners' Commercial Interests</i>
0845 - 0930	<i>Static Electricity (de-bottoming) Current Electricity</i>
0930 - 0945	<i>Break</i>
0945 - 1030	<i>Cargo Calculations</i>
1030 - 1115	<i>Ship/Shore Liaison</i>
1115 - 1230	<i>Commercial Interests</i>



1230 - 1245	<i>Break</i>
1245 - 1315	<i>Gas Evolution & Venting</i>
1315 - 1420	<i>Marine Vapour Emission Control</i>
1420 - 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Two</i>

Day 3

0730 - 0845	<i>Atmosphere Control & Environmental Protection</i>
0845 - 0930	<i>Inert Gas Systems</i>
0930 - 0945	<i>Break</i>
0945 - 1030	<i>Cargo Pumps & Piping Systems</i>
1030 - 1115	<i>Inert Gas Operations & Emergency Procedures</i>
1115 - 1230	<i>Crude Oil Washing</i>
1230 - 1245	<i>Break</i>
1245 - 1315	<i>Pollution Controls & Prevention</i>
1315 - 1420	<i>Safe Working Practices & Permits</i>
1420 - 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Three</i>

Day 4

0800 - 0845	<i>Operation Procedures</i>
0845 - 0930	<i>International Regulations Concerning Oil Tankers</i>
0930 - 0945	<i>Break</i>
0945 - 1015	<i>Dangerous Space Entry Procedures</i>
1015 - 1100	<i>Medical Aspects of Tanker Safety</i>
1100 - 1230	<i>Gas Detection Instrumentation</i>
1230 - 1245	<i>Break</i>
1245 - 1315	<i>Cold & Hot Work Permits</i>
1315 - 1420	<i>Double Hull Tankers & Combination Carriers</i>
1420 - 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Four</i>

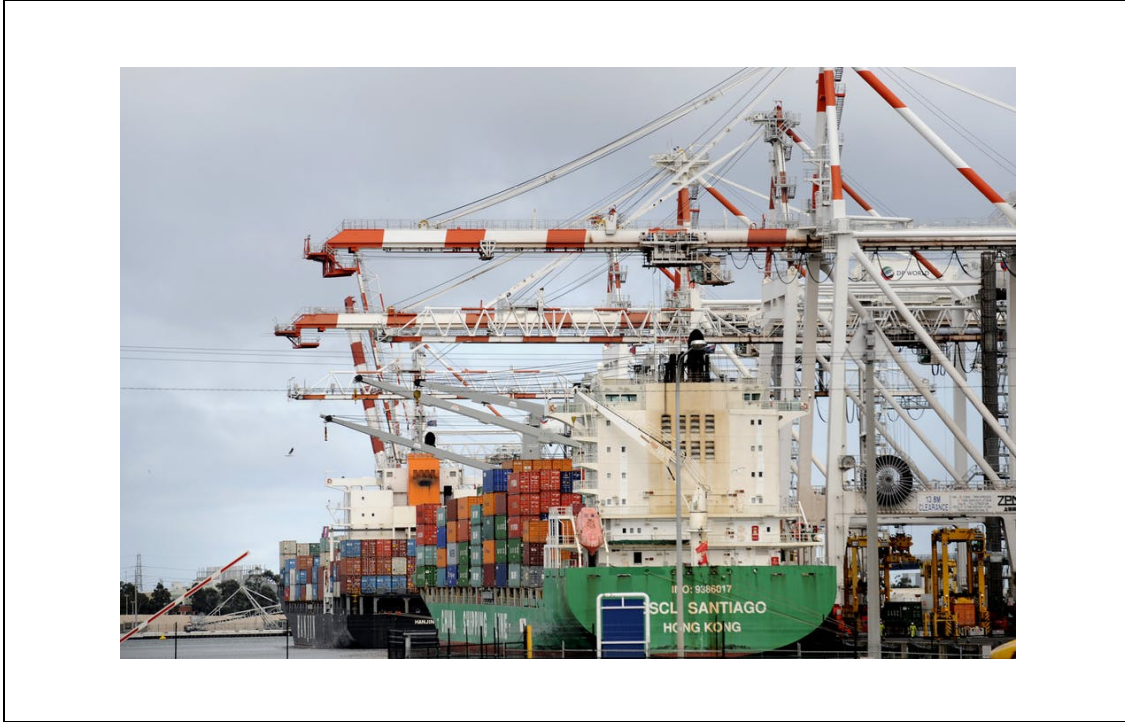
Day 5

0730 - 0930	<i>Safety Management & Incident Analysis</i>
0930 - 0945	<i>Break</i>
0945 - 1045	<i>The Cargo Cycle, Dry Dock to Dry Dock</i>
1045 - 1145	<i>Risk & Safety Management</i>
1145 - 1215	<i>Fire - Fighting on Crude Oil Tankers</i>
1215 - 1230	<i>Break</i>
1230 - 1300	<i>Fire & Explosion</i>
1300 - 1345	<i>Incident Analysis, Recommendations & Guidance</i>
1345 - 1400	<i>Course Conclusion</i>
1400 - 1415	<i>POST-TEST</i>
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

Mari Nakintu, Tel: +971 2 30 91 714, Email: mari1@haward.org