

COURSE OVERVIEW OE0791
Ship Loading & Delivery Process

Course Title

Ship Loading & Delivery Process

Course Date/Venue

Session 1: April 27-May 01, 2025/Fujairah
 Meeting Room, Grand Millennium
 Al Wahda Hotel, Abu Dhabi, UAE
 Session 2: September 29-October 03, 2025/
 Boardroom 1, Elite Byblos Hotel Al
 Barsha, Sheikh Zayed Road, Dubai,
 UAE



Course Reference

OE791

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Description



This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using “MS Excel” applications.



This course is designed to provide participants with a detailed and up-to-date overview of Ship Loading & Delivery Process. It covers the characteristics, types, capacity, general description and performance of ship loader; the technical requirements, glossary terms and standard specifications of ship loader; the right ship loader and design conditions; the operating functions, load combination, speed and duty cycle; and testing and verifying built wheel load.



During this interactive course, participants will learn the mechanical specifications, gantry drive, boom hoist or shuttle, boom telescopic mechanism, gearing, conveyor equipment and hydraulic system; the electrical and control specifications, motors, brakes, diagnostic management and lighting protection system; the dust suppression equipment and fire safety; the shipping and erection and all erection steps of ship loaders of a prominent supplier; and the quality assurance and occupational health and safety.

Course Objectives

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

- Apply and gain a good working knowledge on ship loaders
- Identify the characteristics, types, capacity, general description and performance of ship loader
- Enumerate the technical requirements, glossary terms and standard specifications of ship loader
- Choose the right ship loader and illustrate design conditions, operating functions, load combination, speed and duty cycle
- Test and verify built wheel load
- Describe mechanical specifications, gantry drive, boom hoist or shuttle, boom telescopic mechanism, gearing, conveyor equipment and hydraulic system
- Recognize electrical and control specifications, motors, brakes, diagnostic management and lighting protection system
- List dust suppression equipment and implement fire safety
- Employ shipping and erection and discuss all erection steps of ship loaders of a prominent supplier
- Carryout quality assurance and occupational health and safety

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 ship loading for loaders, marine inspectors, site engineers and operators.

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


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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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.

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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 Abdel Monem Hosny, PhD, MSc, MFG, PGDip, BSc, is an **International Expert** in **Marine & Port Operations** with over **40 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.

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	Ship Loader Characteristics Types • Capacity • General Description • Performance
0900 – 0945	Technical Requirements
0945 – 1000	Break
1000 – 1100	Glossary Terms
1100 – 1200	Standard Specifications
1200 – 1215	Break
1215 – 1330	Choose the Right Ship Loader
1330 – 1420	Design Conditions
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2

0730 – 0830	Operating Functions
0830 – 0930	Load Combination
0930 – 0945	Break
0945 – 1100	Speeds
1100 – 1230	Duty Cycle
1230 – 1245	Break
1245 – 1330	Built Wheel Load Test & Verification
1330 – 1420	Mechanical Specifications
1420 – 1430	Recap
1430	Lunch & End of Day Two

Day 3

0730 – 0830	Gantry Drive
0830 – 0930	Boom Hoist/Shuttle
0930 – 0945	Break
0945 – 1100	Boom Telescopic Mechanism
1100 – 1230	Gearing
1230 – 1245	Break
1245 – 1330	Conveyor Equipment
1330 – 1420	Hydraulic System
1420 – 1430	Recap
1430	Lunch & End of Day Three

Day 4

0730 – 0830	Electrical/Control Specification
0830 – 0930	Motors
0930 – 0945	Break
0945 – 1100	Brakes
1100 – 1230	Diagnostic Management System

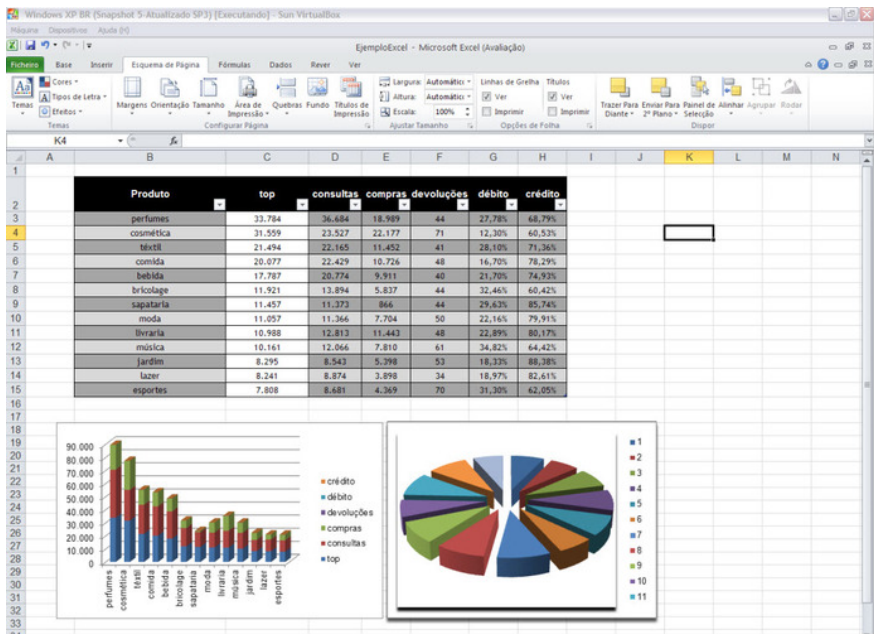
1230 – 1245	<i>Break</i>
1245 – 1330	<i>Lighting Protection System</i>
1330 – 1420	<i>Dust Suppression Equipment</i>
1420 – 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Four</i>

Day 5

0730 – 0930	<i>Fire Safety</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Shipping & Erection</i>
1100 – 1130	<i>Case Study</i> <i>Project a Full Set of Photos • Erection Steps of Two (2) Ship Loaders of a Prominent Supplier</i>
1130 – 1230	<i>Quality Assurance</i>
1230 – 1245	<i>Break</i>
1245 – 1345	<i>Occupational Health & Safety</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>

Simulators (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our “MS Excel” application.



MS Excel

Course Coordinator

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