COURSE OVERVIEW HE1769
Overhead Crane Operator Certification

Course Title
Overhead Crane Operator Certification

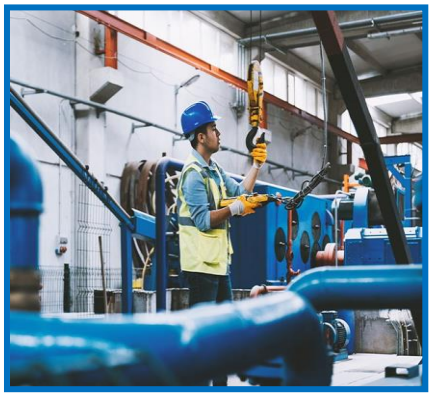
Course Reference
HE1769

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

Course Date/Venue

Sessions	Date	Venue
1	May 25-29, 2025	Safir Meeting Room, Divan Istanbul, Turkey
2	August 10-14, 2025	Olivine Meeting Room, Fairmont Nile City, Cairo, Egypt
3	November 23-27, 2025	Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE

Course Description



This practical and highly-interactive course includes practical sessions and demonstration where participants carryout overhead crane operations. Theory learnt in the class will be applied using various overhead crane equipment through hands-on practical sessions.

This course is designed to provide participants with a detailed and up-to-date overview of Overhead Crane Operator Certification. It covers the different types of overhead cranes and their components; the crane safety regulations and standards; the hazards and potential risks associated with crane operations; the safe working practices and personal protective equipment (PPE); the crane load capacity, limitations and crane control system; and crane controls and functions, pre-operational inspections and checks, crane start-up and shut-down procedures.

During this interactive course, participants will learn the proper use of crane attachments, rigging equipment, crane communication signals and hand signals; the principles of load lifting and rigging and different types of slings and lifting devices; the appropriate lifting equipment for different loads; the load weight estimation and center of gravity determination; the rigging techniques, best practices and load handling safety precautions; the importance of regular crane maintenance and daily, weekly, and monthly inspection procedures; the common crane defects and malfunctions and troubleshooting and reporting issues; the lubrication and basic maintenance tasks; and the crane documentation and record-keeping.

Course Objectives

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

- Get certified as a *"Certified Overhead Crane Operator"*
- Identify different types and components of overhead cranes and discuss the crane safety regulations and standards
- Identify hazards and potential risks associated with crane operations and implement safe working practices and personal protective equipment (PPE)
- Recognize crane load capacity and limitations, crane control system and crane controls and functions
- Carryout pre-operational inspections and checks and crane start-up and shut-down procedures
- Implement the proper use of crane attachments and rigging equipment including crane communication signals and hand signals
- Discuss the principles of load lifting and rigging and the different types of slings and lifting devices
- Select appropriate lifting equipment for different loads and apply load weight estimation and center of gravity determination
- Employ rigging techniques and best practices as well as load handling safety precautions
- Discuss the importance of regular crane maintenance and apply daily, weekly, and monthly inspection procedures
- Recognize common crane defects and malfunctions as well as troubleshoot and report issues
- Carryout lubrication and basic maintenance tasks including crane documentation and record-keeping

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 overhead crane operation for those who involved in the operation, inspection of maintenance of overhead cranes including engineers, inspectors and other technical and rigging staff.

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. Successful candidate will be certified as a "*Certified Overhead Crane Operator*". 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 * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *

Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-22

HTME No. 74851

Participant Name: Waleed Al Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1769	Overhead Crane Operator Certification	November 10-14, 2022	30	3.0

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

TRUE COPY

Jaryl Castillo
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

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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.

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:

Mr. Raymond Tegman is an **International Expert** in **Lifting & Rigging Operations** with extensive experience within the **Oil & Gas**, **Petrochemical** and **Refinery** industries. His broad expertise widely covers in the areas of **Forklift** Inspection, **Forklift** Operations, **MEWP** Operations, Safe **Rigging & Lifting** Tools, **Scaffolding** Inspection, **Lifting & Slinging**, **Crane** Inspection, **Lifting & Rigging**, **Manlift** Safety Operations, **Scissor** Lift Operations, **Mobile & Overhead Crane**, Electrical Overhead Travel Crane (**EOT**), **Safe Crane Operations**, **Crane Inspection & Operations**, **Certified Crane Lift Supervisor**, **Rigging, Crane Inspection & Operations**, **Overhead Cranes Operation**, **Inspection & Maintenance**, Safety Rules, Machinery & Hydraulic **Lifting Equipment**, Handling **Hazardous Chemicals**, Spill Containment, **Fire** Protection, **Fire** Precautions, **Incidents & Accidents** Reporting, **HSEQ** Audits & Inspection, **HSEQ** Procedures, **Environmental** Awareness, **Waste** Management Monitoring, **Emergency Planning**, **Emergency** Management, **Working at Heights**, **Root Cause Analysis**, **HSE** Rules & Regulations, Process Safety Management (**PSM**), Process Hazard Analysis (**PHA**), Techniques, **HAZOP**, **HSE** Risk, **Pre-Start-up Safety** Reviews, **HSE Risk** Identification, Assessments & Audit, **HSE Risk** Assessment & Management Concepts, **HSE Management** Policy & Standards, **HSSE Emergency Response & Crisis Management** Operations, **Confined Space Entry**, **Quantitative Risk Assessment** (**QRA**), Hazardous Materials & Chemicals Handling, Safety Precaution & Response Action Plan, **Hazard & Risk** Assessment, Task Risk Assessment (**TRA**), **Incident Command**, **Accident & Incident Investigation**, **Emergency Response Procedures**, Job Safety Analysis (**JSA**), Behavioural Based Safety (**BBS**), **Fall Protection**, **Work Permit & First Aid**, Lock-out/Tag-out (**LOTO**), **Emergency Response**, **Construction** Supervision, **Scaffolding** Inspection, **HAZCHEM**, Manual Material Handling, **Road Traffic** Supervision, ISO 9001 and OHSAS 18001.

During his career life, Mr. Tegman has gained his practical and field experience through his various significant positions and dedication as the **Operations Manager**, **Safety & Maintenance Manager**, **Safety Manager**, **Road/Traffic Supervisor**, **Crane Supervisor**, **Assessor/Moderator**, **Safety Consultant**, **Safety Advisor**, **Safety Officer** and **Liaison Officer** from Zero Harm, SHRA Training & Services (Health & Safety), Road Crete, Balwin Property Development, DEME International, Gladstone Australia, Godavari Gas Pipeline and New Castle NCIG.

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

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

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 – 0930	***Overview of Overhead Cranes & Their Components***
0930 – 0945	*Break*
0945 – 1100	***Different Types of Overhead Cranes (e.g., Bridge Cranes, Gantry Cranes)***
1100 – 1215	***Crane Safety Regulations & Standards***
1215 – 1230	*Break*
1230 – 1330	***Identifying Hazards & Potential Risks Associated with Crane Operations***
1330 – 1420	***Safe Working Practices & Personal Protective Equipment (PPE)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2

0730 – 0930	***Crane Load Capacity & Limitations***
0930 – 0945	*Break*
0945 – 1100	***Understanding the Crane Control System***
1100 – 1215	***Familiarization with Crane Controls & Functions***
1215 – 1230	*Break*
1230 – 1330	***Pre-Operational Inspections & Checks***
1330 – 1420	***Crane Start-Up & Shut-Down Procedures***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0930	***Proper Use of Crane Attachments & Rigging Equipment***
0930 – 0945	*Break*
0945 – 1100	***Crane Communication Signals & Hand Signals***
1100 – 1215	***Principles of Load Lifting & Rigging***
1215 – 1230	*Break*
1230 – 1330	***Different Types of Slings & Lifting Devices***
1330 – 1420	***Selecting the Appropriate Lifting Equipment for Different Loads***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

0730 – 0930	***Load Weight Estimation & Center of Gravity Determination***
0930 – 0945	*Break*
0945 – 1100	***Rigging Techniques & Best Practices***
1100 – 1215	***Load Handling Safety Precautions***
1215 – 1230	*Break*
1230 – 1330	***Importance of Regular Crane Maintenance***
1330 – 1420	***Daily, Weekly, & Monthly Inspection Procedures***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

0730 – 0930	***Recognizing Common Crane Defects & Malfunctions***
0930 – 0945	*Break*
0945 – 1100	***Troubleshooting & Reporting Issues***
1100 – 1215	***Lubrication & Basic Maintenance Tasks***
1215 – 1230	*Break*
1230 – 1300	***Crane Documentation & Record-Keeping***
1300 – 1315	***Course Conclusion***
1315 – 1415	***COMPETENCY EXAM***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Practical Sessions/Site Visit

Site visit will be organized during the course for delegates to practice the theory learnt:-




Course Coordinator

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