

COURSE OVERVIEW OE0302 Vessel's Maintenance & Repair Management

Course Title

Vessel's Maintenance & Repair Management

Course Date/Venue

Session 1: May 28-June 01, 2023/
Venue 1 Meeting Room, Sheraton
Cairo Hotel & Casino, Cairo Egypt

Session 2: January 14-18, 2024/
Boardroom 1, Elite Byblos Hotel
Al Barsha, Sheikh Zayed Road,
Dubai, UAE

Course Reference

OE0302

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 course is designed to provide delegates with proper knowledge on the survey, inspection and repair of vessel hull and machinery. It will discuss the importance of IMO resolutions and guidelines on survey and certifications.

Participants will be able to identify the various types of inspections including classification societies, recognized organizations, port state control and vetting as well as to practice the class inspection for deck, hull, tanks, holds and engine.

Further, the course will also identify the recognized organizations in inspection and audits for vessel documentation, deck, tanks, holds, engine, D.O.C., I.S.M. and I.S.P.S.; carryout port state control inspections and vetting inspections; and perform the inspection and reparation on holds and hull damages.





Course Objectives

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

- Survey, inspect and repair vessel hulls and machineries,
- Discuss the importance of IMO resolutions and guidelines on survey and certifications
- Differentiate the various types of inspections including classification societies, recognized organizations, port state control and vetting
- Practice the class inspection for deck, hull, tanks, holds and engine
- Identify the recognized organizations in inspection and audits for vessel documentation, deck, tanks, holds, engine, D.O.C., I.S.M. and I.S.P.S.
- Carryout port state control inspections and vetting inspections
- Perform the inspection and reparation on holds and hull damages

Who Should Attend

This course provides an overview of all significant aspects and considerations of vessel hull for superintendents, masters, first officers, chief engineers, ship officers, shipyard personnel and independent surveyors who carryout surveys, inspections and repair of vessel hull structures and machineries.

Training Methodology

This interactive training & certification program includes the following training methodologies as a percentage of the total tuition hours: -

- 30% Lectures
- 20% Workshops & Work Presentations
- 20% Case Studies & Practical Exercises
- 30% Videos, Software & Simulators

In an unlikely event, the program director may modify the above training methodology before or during the program for technical reasons.

Accommodation

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

Course Fee

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| Cairo | US\$ 8,000 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day. |
| Dubai | 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: -

-  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.

-  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.





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 Mohamed Ghanem, MSc, BSc, is a **Senior Master Marine Engineer** with extensive experience in **Marine Engineering** within **Oil & Gas, Refinery and Marine** industry. His expertise widely covers in the areas of **Global Maritime Distress Safety System (GMDSS)**, **Marine Operations**, **International Maritime Conventions & Codes**, **International Ship and Port Facility Security Code (ISPS) Code**, **Buoyage System & International Code of Signals**, **Oil & Gas Marine Terminals**, **Port Terminals Crisis Management & Major Emergency Response**, **Marine Hazards Prevention & Control**, **Single Buoy Mooring System (SBM)**, **Emergency Response Procedure**, **Oil Spill Management & Recovery**, **Oil Spill Management & Response**, **Oil Spill Prevention & Control**, **Oil Spill Combating Operations**, **Oil Spill Awareness**, **Oil & Gas Marine Terminals**, **Offshore Marine Operation Management**, **International Maritime Conventions & Codes**, **Vessel Hull & Machinery Survey**, **Oil & Gas Fields Offshore Survey**, **Oil & Gas Terminals Loading & Discharging**, **Marine Engineering**, **Terminal Operations**, **Seamanship**, **Shipping Overview**, **Marine Fire Fighting Equipment**, **Life Saving**, **Safety Process**, **Major Emergency Management & Control**, **Crisis Management during Oil Spill and Firefighting**. He is currently the **Jack Up Barge Engineer & Captain of ADNOC Drilling** wherein he oversee all the operations onboard the vessel including navigation, maintenance and compliance with local regulations.

During his life career, Captain Mohamed has gained his practical and field experience through his various significant positions and dedication as the **Barge Engineer & Marine Planner Onboard**, **Trainee Barge Engineer Onboard**, **Assistant Barge Master II Onboard**, **Assistant Barge Master Onboard**, **Site Engineer**, **Marine Surveyor**, **Ship Repair Engineer**, **Vessel Repairing Engineer**, **Metal Cutting & Welding Planner**, **Marine Engineer Onboard**, **Technical Manager** and **Maintenance Mechanical Engineer** from the Shelf Drilling Co, Marine & Engineering Consulting, ADMARINE III (X-GSF 103) at ADES, Oceandro Large Yacht Builder, International Inspection Company, Synchrony-Lift Works and B-Tech Company.

Captain Mohamed has **Master** and **Bachelor** degrees in **Naval Architecture & Marine Engineering**. Further, he is a **Certified Instructor/Trainer**, a **Certified Trainer**, **Assessor & Internal Verifier** by the **Institute of Leadership of Management (ILM)** and holds a certificate in **Marine III Engineer** and **OIM & Mobile Offshore Drilling Unit (MODU)**. He is an **active member** of The International Transport Workers' Federation (**ITF**), UK and 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

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| 0730 - 0800 | Registration & Coffee |
| 0800 - 0815 | Welcome & Introduction |
| 0815 - 0830 | PRE-TEST |
| 0830 - 0930 | Introduction on Inspection, Survey & Audits Systems & Equipment are in Place Onboard in Order to Ensure Compliance with Machinery & Equipment Manufacturers Maintenance Recommendations & Class Requirements |
| 0930 - 0945 | Break |
| 0945 - 1130 | Introduction on Inspection, Survey & Audits (cont'd) Systems & Equipment are in Place Onboard in Order to Ensure Compliance with Machinery & Equipment Manufacturers Maintenance Recommendations & Class Requirements (cont'd) |
| 1130 - 1230 | Introduction on Inspection, Survey & Audits (cont'd) Systems & Equipment are in Place Onboard in Order to Ensure Compliance with Machinery & Equipment Manufacturers Maintenance Recommendations & Class Requirements (cont'd) |
| 1230 - 1245 | Break |
| 1245 - 1420 | Introduction on Inspection, Survey & Audits(cont'd) Systems & Equipment are in Place Onboard in Order to Ensure Compliance with Machinery & Equipment Manufacturers Maintenance Recommendations & Class Requirements (cont'd) |
| 1420 - 1430 | Recap |
| 1430 | Lunch & End of Day One |

Day 2

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|-------------|--|
| 0730 - 0930 | IMO Resolutions & Guidelines on Survey & Certificates |
| 0930 - 0945 | Break |
| 0945 - 1100 | IMO Resolutions & Guidelines on Survey & Certificates (cont'd) |
| 1100 - 1230 | Types of Inspections Classification Societies • Recognized Organizations |
| 1230 - 1245 | Break |
| 1245 - 1420 | Types of Inspections (cont'd) Port State Control • Vetting |
| 1420 - 1430 | Recap |
| 1430 | Lunch & End of Day Two |

Day 3

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|-------------|---|
| 0730 - 0930 | Class Inspection Deck • Hull |
| 0930 - 0945 | Break |
| 0945 - 1100 | Class Inspection (cont'd) Tanks • Holds • Engine |
| 1100 - 1230 | Recognized Organizations Inspection Vessel Documentation • Deck |
| 1230 - 1245 | Break |





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| 1245 - 1420 | Recognized Organizations Inspection (cont'd) Tanks • Holds |
| 1420 - 1430 | Recap |
| 1430 | Lunch & End of Day Three |

Day 4

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|-------------|---|
| 0730 - 0930 | Recognized Organizations Audits D.O.C. • I.S.M. |
| 0930 - 0945 | Break |
| 0945 - 1100 | Recognized Organizations Audits (cont'd) I.S.P.S. |
| 1100 - 1230 | Port State Control Inspections |
| 1230 - 1245 | Break |
| 1245 - 1420 | Port State Control Inspections (cont'd) |
| 1420 - 1430 | Recap |
| 1430 | Lunch & End of Day Four |

Day 5

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|-------------|---|
| 0730 - 0930 | Vetting Inspections |
| 0930 - 0945 | Break |
| 0945 - 1100 | Vetting Inspections (cont'd) |
| 1100 - 1215 | Inspection & Reparation on Holds & Hull Damages |
| 1215 - 1230 | Break |
| 1230 - 1345 | Inspection & Reparation on Holds & Hull Damages (cont'd) |
| 1345 - 1400 | Course Conclusion |
| 1400 - 1415 | POST-TEST |
| 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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