

COURSE OVERVIEW HE0942
Certificate in Environmental Management

Course Title

Certificate in Environmental Management

Course Date/Venue

January 07-11, 2024/Oryx Meeting Room,
 Doubletree By Hilton Doha-AI Sadd, Doha, Qatar

Course Reference

HE0942

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

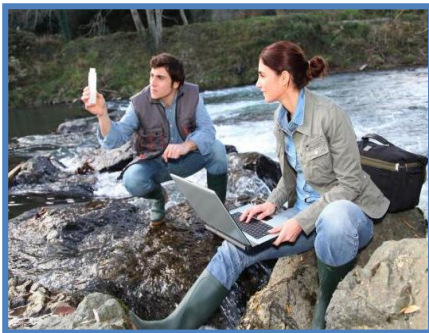


Course Description



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 qualification is designed for anyone who has responsibilities for managing environmental issues as part of their work. The qualification is designed to be globally relevant and benefit companies in all industry sectors who are seeking to implement effective environmental management systems, increase positive environmental impacts, and reduce negative environmental impacts. On completion of the qualification, learners will be able to:-



Understand a range of environmental issues in order to improve performance and reduce harm;
 Work with an environmental management system and contribute to continual improvement;

- Recognize environmental aspects and evaluate current controls;
- Support decision-making with ethical, legal, and financial arguments;
- Understand the links between your organisation's activities and wider environmental issues.



All elements (1-9) are assessed by an open book examination. The practical assessment requires learners to review environmental aspects and impacts in their own workplace. It draws on the various environmental issues in elements 4-9, as well as the process of assessing environmental aspects and impacts covered in element 3. Both assessments will be marked.

The EMC has two unit assessments; participant must achieve a “Pass” in both units to be awarded the qualification. Participants will have five years to complete their qualification. The five-year period starts from the date that they pass their first successful unit (we call this the ‘declaration date’). Any unit that is five or more years old will not count towards the qualification and participant will need to retake this/these unit(s) if they still want to complete the qualification.

Course Objectives

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

- Achieve the Environmental Management Certificate
- Explain the scope and nature of environmental management and key environmental issues
- Discuss the ethical, legal and financial reasons for maintaining and promoting environmental management
- Summarize sustainability, its importance, and its relationship with corporate social responsibility
- Understand the influence of international agreements on national environmental laws and standards, and the potential consequences of non-compliance
- Recognize the key features and appropriate content of an effective EMS (based on the requirements of ISO 14001)
- Discuss the benefits and limitations of introducing a formal EMS into the workplace
- Recognize different types of environmental impact
- Review and use sources of environmental information
- Apply the principles and practice of environmental aspect and impact assessment
- Explain the importance of environmental emergency planning
- Describe suitable emergency preparation and responses
- Demonstrate awareness of the environmental impacts of noise, air, and water pollution
- Identify sources of environmental harm and suggest suitable control measures for noise and emissions
- Demonstrate awareness of common waste types, the outlets available for waste, and environmental issues associated with waste and contaminated land
- Suggest suitable waste management measures, applying the waste hierarchy
- Discuss the benefits and limitations of a range of renewable and non-renewable energy sources
- Explain how energy efficiency can be increased

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 a wide understanding and deeper appreciation of NEBOSH certificate in environmental management in accordance with the international standards for managers, supervisors and employees who have responsibility for managing environmental issues as part of their day to day duties.

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 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)

CEUs

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-22

HTME No. 74852

Participant Name: Waleed Al Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE0942	Certificate in Environmental Management	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 Accredited 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 1-2018 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 1-2018 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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Course Accreditations


Haward Technology is 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.

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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.

Course Fee

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

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:



Dr. Faysal Eliyan, PhD, MSc, BSc, is a Senior Health & Safety Consultant with extensive years of experience within the **Oil & Gas, Petroleum and Refinery** industries. His expertise widely covers in the areas of **Accident/Incident Investigation & Root Cause Analysis, Process Hazard Analysis (PHA), Environmental Management & Technology (EMT), Environmental Management System, Environmental Impact Assessment (EIA), Environmental Monitoring & Modelling, Environmental Awareness** in Industrial Plant, **Process Safety Management (PSM), Hazardous Materials & Chemicals Handling, Pollution Control, Environment, Health & Safety Management, Process Risk Analysis, Effective Tool Box Talks, Construction Sites Safety, HSSE Management System, HSSE Audit & Inspection, HSEQ Procedures, Authorized Gas Testing, Confined Space Entry & Rescue, Risk Management, Quantitative & Qualitative Risk Assessment, Incident & Accident Investigation, Emergency Planning, Emergency Response & Crisis Management Operations, Waste Management Monitoring, Root Cause Analysis, Hazard & Risk Assessment.** Further, he is also well-versed in **Concrete & Structural Steel Design, Steel Structure Design, Advanced Building Construction Technology, Structural Engineering Techniques, Design of Concrete Columns & Beam Frames, Design of Foundations & Equipment Footings, Maintenance of Concrete Structures, Structural Reliability Assessment, Steam Turbines, Heat Exchangers Inspection, Testing & Overhaul Cleaning, Heating, Ventilation & Air Conditioning (HVAC), Fans & Blowers, Heaters & Boilers, Compressors, Maintenance Planning & Scheduling, Pumps & Compressors Operation & Maintenance, Hydraulic & Pneumatic Systems Maintenance & Troubleshooting, Piping Systems, Corrosion Control & Materials Selection in Oil and Gas and Water Systems, Machinery Alignment & Balancing, Maintenance Management, Operational Problems & Failure Analysis, Energy Performance Assessment of Powerplants, Plant Operations, Project Management, Six Sigma and Health, Safety & Environment.**

During his career life, Dr. Faysal has gained his practical and field experience through his various significant positions and dedication as the **Assistant Professor, Senior Consultant, Laboratory Instructor, Lecturer, Tutor, Mentor, Advisor, Trainer, Engineering Manager, Senior Engineer, Senior HSE Consultant, Safety Officer, Senior Project Engineer, Engineer and Adjudicator** from various institutions and universities such as the **Community College of Qatar, American University of the Middle East, McMaster University, The University of British Columbia, The University of British Columbia, Qatar University and General Electric, just to name a few.**

Dr. Faysal has **PhD, Master's and Bachelor's** degree in **Engineering** from the **University of British Columbia (Canada).** He is a **Certified Instructor/Trainer,** a member of the **Chamber of Civil Engineers, Structural Stability Research Council, American Institute of Steel Construction and American Society of Civil Engineers (ASCE), USA.** He also **published numerous books, researches and scientific papers** and received several awards and recognitions for **Journal of Materials Engineering and Performance** and has further delivered numerous trainings, courses, seminars, workshops and conferences internationally.

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: Sunday, 07th of January 2024

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Unit EMC1: Environmental Management Element 1: Foundations in Environmental Management (The Scope & Nature of Environmental Management)
0930 – 0945	Break
0945 – 1030	Unit EMC1: Environmental Management (cont'd) Element 1: Foundations in Environmental Management (The Ethical, Legal & Financial Reasons for Maintaining & Promoting Environmental Management)
1030 – 1130	Unit EMC1: Environmental Management (cont'd) Element 1: Foundations in Environmental Management (Supporting Sustainable Development)
1130 – 1215	Unit EMC1: Environmental Management (cont'd) Element 1: Foundations in Environmental Management (The Role of National Governments & International Bodies in Formulating a Framework For the Regulation of Environmental Management)
1215 – 1230	Break
1230 – 1330	Unit EMC1: Environmental Management (cont'd) Element 2: Environmental Management Systems (Reasons for Implementing an Environmental Management System (EMS))
1330 – 1420	Unit EMC1: Environmental Management (cont'd) Element 2: Environmental Management Systems (The Key Features & Appropriate Content of an Effective EMS (Based on the Requirements of ISO 14001)
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2: Monday, 08th of January 2024

0730 – 0830	Unit EMC1: Environmental Management (cont'd) Element 2: Environmental Management Systems (Benefits & Limitations of Introducing a Formal EMS Into the Workplace)
0830 – 0930	Unit EMC1: Environmental Management (cont'd) Element 3: Assessing Environmental Aspects & Impacts (Reasons for Carrying Out Environmental Aspect & Impact Assessments)
0930 – 0945	Break
0945 – 1100	Unit EMC1: Environmental Management (cont'd) Element 3: Assessing Environmental Aspects & Impacts (Types of Environmental Impact)
1100 – 1215	Unit EMC1: Environmental Management (cont'd) Element 3: Assessing Environmental Aspects & Impacts (Nature & Key Sources of Environmental Information)
1215 – 1230	Break
1230 – 1330	Unit EMC1: Environmental Management (cont'd) Element 3: Assessing Environmental Aspects & Impacts (Identification of Environmental Aspects & Associated Impacts)
1330 – 1420	Unit EMC1: Environmental Management (cont'd) Element 4: Planning for & Dealing with Environmental Emergencies (The Importance of Environmental Emergency Planning)
1420 – 1430	Recap
1430	Lunch & End of Day Two

Day 3: Tuesday, 09th of January 2024

0730 – 0830	Unit EMC1: Environmental Management (cont'd) Element 4: Planning for & Dealing with Environmental Emergencies (Emergency Preparedness & Response)
0830 – 0930	Unit EMC1: Environmental Management (cont'd) Element 5: Control of Emissions to Air (Air Quality Standards)
0930 – 0945	Break
0945 – 1100	Unit EMC1: Environmental Management (cont'd) Element 5: Control of Emissions to Air (Main Types of Emissions to Atmosphere)
1100 – 1215	Unit EMC1: Environmental Management (cont'd) Element 5: Control of Emissions to Air (Control Measures to Reduce Emissions)
1215 – 1230	Break
1230 – 1330	Unit EMC1: Environmental Management (cont'd) Element 6: Control of Environmental Noise (Sources & Effects of Environmental Noise)
1330 – 1420	Unit EMC1: Environmental Management (cont'd) Element 6: Control of Environmental Noise (Methods for the Control of Environmental Noise)
1420 – 1430	Recap
1430	Lunch & End of Day Three

Day 4: Wednesday, 10th of January 2024

0730 – 0930	Unit EMC1: Environmental Management (cont'd) Element 7: Control of Contamination of Water Sources (Importance of the Quality of Water for Life)
0930 – 0945	Break
0945 – 1100	Unit EMC1: Environmental Management (cont'd) Element 7: Control of Contamination of Water Sources (Main Sources of Water Pollution)
1100 – 1215	Unit EMC1: Environmental Management (cont'd) Element 7: Control of Contamination of Water Sources (Main Control Measures that are Available to Reduce Contamination of Water Sources)
1215 – 1230	Break
1230 – 1330	Unit EMC1: Environmental Management (cont'd) Element 8: Control of Waste & Land Use (Waste Types)
1330 – 1420	Unit EMC1: Environmental Management (cont'd) Element 8: Control of Waste & Land Use (Minimizing Waste)
1420 – 1430	Recap
1430	Lunch & End of Day Four

Day 5: Thursday, 11th of January 2024

0730 – 0830	Unit EMC1: Environmental Management (cont'd) Element 8: Control of Waste & Land use (Managing Waste) • (Outlets Available for Waste)
0830 – 0930	Unit EMC1: Environmental Management (cont'd) Element 8: Control of Waste & Land use (Risks Associated With Contaminated Land)
0930 – 0945	Break
0945 – 1100	Unit EMC1: Environmental Management (cont'd) Element 9: Sources & Use of Energy & Energy Efficiency (Use of Fossil Fuels)
1100 – 1230	Unit EMC1: Environmental Management (cont'd) Element 9: Sources & Use of Energy & Energy Efficiency (Renewable Sources of Energy)
1230 – 1245	Break
1245 – 1300	Unit EMC1: Environmental Management (cont'd) Element 9: Sources & Use of Energy & Energy Efficiency (Energy Efficiency)
1300 - 1315	Course Conclusion
1315 – 1415	COMPETENCY EXAM
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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