COURSE OVERVIEW HE1887

Certificate in Sustainability Management

Course Title
Certificate in Sustainability Management

Course Date/Venue
please see page 3

Course Reference
HE1887

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

Course Objectives

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 Sustainability Management. It covers the core principles of sustainability as they apply to energy, water and other resources; the current regulations and compliance requirements and exploring strategies for incorporating renewable energy sources into distribution systems; measure carbon footprint of utility operations and conduct a preliminary sustainability assessment for a utility company; advanced practices in water management and conservation implement energy efficiency measures including smart technologies;

Further, the course will also discuss the demand response strategies in energy distribution, circular economy concepts to resource and waste management; examining real-world examples of successful energy and water management and develop a water conservation plan; utilizing data analytics in sustainability and use techniques for analyzing sustainability-related data; the life cycle assessment (LCA) to evaluate the environmental impact of utility systems and using strategies for engaging communities, customers and regulatory bodies; the effective reporting mechanisms for sustainability performance, perform a life cycle assessment and address common obstacles and solutions.

During this interactive course, participants will learn the effects of climate change on utility distribution and develop strategies to adapt to climate-related challenges; implementing sustainable practices in sourcing and procurement and exploring emerging technologies and trends in sustainability; the new technologies and approaches in innovation utility sustainability; balancing environmental goals with economic viability and ESG reporting practices, techniques for effective environmental, social and governance reporting; enhancing teamwork across environmental, engineering and financial departments; and developing a comprehensive sustainability strategy.

Course Objectives

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

- Apply and gain an in-depth knowledge on sustainability management and its relevance in the utilities industry
- Identify the core principles of sustainability as they apply to energy, water and other resources
- Discuss the current regulations and compliance requirements and explore strategies for incorporating renewable energy sources into distribution systems
- Recognize and measure carbon footprint of utility operations and conduct a preliminary sustainability assessment for a utility company
- Carryout advanced practices in water management and conservation implement energy efficiency measures including smart technologies
- Discuss and apply demand response strategies in energy distribution including circular economy concepts to resource and waste management
- Examine real-world examples of successful energy and water management and develop a water conservation plan
- Utilize data analytics in sustainability and use techniques for analyzing sustainability-related data
- Apply life cycle assessment (LCA) to evaluate the environmental impact of utility systems and use strategies for engaging communities, customers and regulatory bodies
- Develop effective reporting mechanisms for sustainability performance, perform a life cycle assessment and address common obstacles and solutions
- Identify the effects of climate change on utility distribution and develop strategies to adapt to climate-related challenges
- Implement sustainable practices in sourcing and procurement and explore emerging technologies and trends in sustainability
- Discuss new technologies and approaches in innovation utility sustainability
- Balance environmental goals with economic viability and apply ESG reporting practices including techniques for effective environmental, social and governance reporting
- Enhance teamwork across environmental, engineering and financial departments and develop a comprehensive sustainability strategy

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 sustainability management for sustainability managers, environmental managers, corporate social responsibility (CSR) professionals, business leaders and executives, supply chain managers, facility managers, policy makers, energy managers, compliance officers, environmental consultants, project managers, social entrepreneurs, nonprofit and NGO professionals and those who are interested in or responsible for incorporating sustainability principles into their organization's operations.

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 Date/Venue

Session(s)	Date	Venue
1	June 29-July 03, 2025	Meeting Plus 9, City Centre Rotana, Doha, Qatar
2	August 03-07, 2025	Crowne Meeting Room, Crowne Plaza Al Khobar, an IHG Hotel, Al Khobar, KSA
3	September 21-25, 2025	Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE
4	December 14-18, 2025	Glasshouse Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE
6	February 01-05, 2026	Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE

Accommodation

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

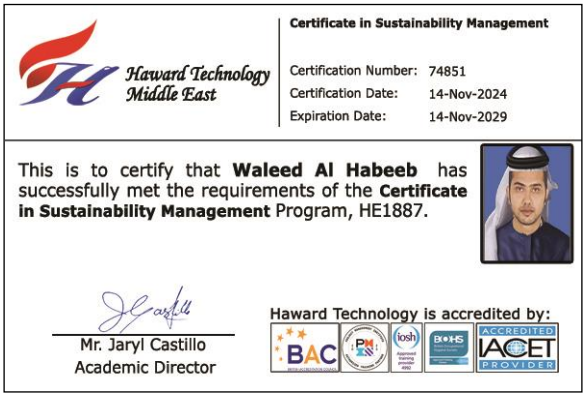
Course Certificate(s)

(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 partici



(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 Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-24

HTME No. 74851

Participant Name: Waleed Al Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1887	Certificate in Sustainability Management	Nov 10-14, 2024	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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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. Raymond Tegman is a **Senior HSE Consultant** with extensive experience within the **Oil & Gas**, **Petrochemical** and **Refinery** industries. His broad expertise widely covers in the areas of **Rigging** 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, **Sustainability Management**, **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**, **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.

Course Fee

Doha	**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.
Al Khobar	**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.
Abu Dhabi	**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 – 0900	***Introduction to Sustainability Management**: Overview of the Course & Its Relevance in the Utilities Industry*
0900 – 0930	***Principles of Sustainability in Utilities Distribution**: Understanding the Core Principles of Sustainability as They Apply to Energy, Water & Other Resources*
0930 – 0945	*Break*
0945 – 1130	***Regulatory Landscape for Sustainability**: Overview of Current Regulations & Compliance Requirements*
1130 - 1230	***Renewable Energy Integration**: Exploring Strategies for Incorporating Renewable Energy Sources into Distribution Systems*
1230 – 1245	*Break*
1245 – 1320	***Carbon Footprint Analysis in Utilities**: Understanding & Measuring the Carbon Footprint of Utility Operations*
1350 - 1420	***Workshop: Sustainability Self-Assessment**: Conducting a Preliminary Sustainability Assessment for a Utility Company*
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2

0730 – 0830	***Water Conservation Techniques**: Advanced Practices in Water Management & Conservation*
0830 – 0930	***Energy Efficiency Optimization in Utilities**: Implementing Energy Efficiency Measures, Including Smart Technologies*
0930 – 0945	*Break*
0945 – 1130	***Demand Response Programs**: Understanding & Applying Demand Response Strategies in Energy Distribution*
1130 – 1230	***Circular Economy in Utilities**: Applying Circular Economy Concepts to Resource & Waste Management*
1230 – 1245	*Break*
1245 – 1330	***Case Study Analysis**: Examining Real-World Examples of Successful Energy & Water Management*
1330 - 1420	***Interactive Session: Developing a Water Conservation Plan**: Group Exercise in Crafting Water Management Strategies*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0830	***Utilizing Data Analytics in Sustainability:** Techniques for Analyzing Sustainability-Related Data*
0830 – 0930	***Life Cycle Assessment (LCA) Methodologies:** Applying LCA To Evaluate the Environmental Impact of Utility Systems*
0930 – 0945	*Break*

0945 – 1130	***Stakeholder Engagement for Sustainable Initiatives:*** *Strategies for Engaging Communities, Customers & Regulatory Bodies*
1130 – 1230	***Sustainability Reporting & KPIs:*** *Developing Effective Reporting Mechanisms for Sustainability Performance*
1230 – 1245	*Break*
1245 – 1330	***Workshop: Conducting an LCA:*** *Hands-On Session on Performing a Life Cycle Assessment*
1330 - 1420	***Group Discussion: Challenges in Data Analytics for Sustainability:*** *Addressing Common Obstacles & Solutions*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

0730 – 0830	***Climate Change Impacts on Utilities****: Understanding the Effects of Climate Change on Utility Distribution*
0830 – 0930	***Resilience Planning for Utilities****: Developing Strategies to Adapt to Climate-Related Challenges*
0930 – 0945	*Break*
0945 – 1130	***Sustainable Supply Chain Management****: Implementing Sustainable Practices in Sourcing & Procurement*
1130 – 1230	***Innovations in Sustainability Management****: Exploring Emerging Technologies & Trends in Sustainability*
1230 – 1245	*Break*
1245 – 1330	***Simulation: Resilience Planning Exercise****: Practical Scenario-Based Resilience Planning Activity*
1330 - 1420	***Panel Discussion: Innovation in Utility Sustainability****: Discussing New Technologies & Approaches*
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

0700 – 0830	***Financial Considerations in Sustainability****: Balancing Environmental Goals with Economic Viability*
0830 – 0930	***Advanced ESG Reporting Practices****: Techniques for Effective Environmental, Social, & Governance Reporting*
0930 – 0945	*Break*
0945 – 1100	***Cross-Functional Team Collaboration****: Enhancing Teamwork Across Environmental, Engineering, & Financial Departments*
1100 - 1230	***Final Workshop: Integrating Sustainability into Business Strategy****: Developing a Comprehensive Sustainability Strategy*
1230 – 1245	*Break*
1245 - 1345	***Course Review & Feedback Session****: Recap of Key Learnings & Participant Feedback*
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

Reem Dergham, Tel: +974 4423 1327, Email: reem@haward.org