# COURSE OVERVIEW HE0899
# Environmental Sustainability

**Course Title**
Environmental Sustainability

**Course Date/Venue**
June 29-July 03, 2025/Meeting Plus 9, City Centre Rotana, Doha, Qatar

**Course Reference**
HE0899

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


**Course Description**

***This practical and highly-interactive interactive course includes various practical sessions and exercises. Theory learnt will be applied using the state-of-the-art simulators.***

Sustainability, also called triple-bottom-line business accountability, is the practice of expanding traditional business to take into account environmental and social performance in addition to financial results.

For many organizations, financial interests alone no longer satisfy the needs of shareholders, customers, communities, and other stakeholders who require or desire information about overall organizational performance. Organizations choose sustainability because it enhances and strengthens a company's brand and reputation, provides differentiation in the marketplace and establishes a foundation for open, positive communications between a company and its stakeholders.

When done as a dynamic, interdependent discipline, sustainability reinforces the line between short-term financial goals with longer term environmental and social objectives, resulting in a situation where all three can co-exist and benefit a global society.

This course is designed to provide delegates with detailed and up-to-date overview of sustainability and environmental awareness. It covers the key concepts and principles of sustainability and CSR; how the company activities impact the environment and community and how organizational behavior is impacted by CSR; the company policies and procedures to manage the environmental impact of the company's activities that includes energy conservation policies, recycling policies and hazardous waste disposal policies and procedures; examining the social and environmental systems in which the company operates to target relevant opportunities for impact; conducting an inventory of the current sustainability efforts; creating a blueprint for change; driving environmental and social benefit within three distinct areas engaging in philanthropy, optimizing operational impact and creating shared value; consolidating the efforts around key objectives; evolving the sustainability activities to align with organizational goals and capabilities; and identifying the opportunities that benefit the organization as well as the community.

Further, the course will also discuss building the ability to create shared business and social value over time; making the business case for the sustainability strategy; integrating sustainability best practices into key business areas, disseminating policy effectively and embedding sustainability within the culture; building sustainability expertise and capabilities; integrating sustainability metrics into general performance management systems; measuring social, environmental and business impact; communicating the goals and impact of sustainability efforts to colleagues, shareholders and other stakeholders; evaluating complex environments and potential impacts before investing capital or making business decisions; decentralizing sustainability to allow for local differences and optimizations across the organization, regionally and globally; identifying current vulnerabilities and predicting future pitfalls; integrating sustainability initiatives in vendor and supplier agreements; and interacting effectively with diverse internal and external stakeholders;

## Course Objectives

The main objective of this course is to familiarize the new employees with the main concepts and themes of Sustainability. After completing this training, the employee will:-

- Apply and gain an awareness on sustainability and environmental fundamentals
- Understand the key concepts and principles of sustainability and CSR
- Understand how company activities impact the environment and community and how organizational behavior is impacted by CSR
- Understand the company policies and procedures to manage the environmental impact of the company's activities that includes energy conservation policies, recycling policies and hazardous waste disposal policies and procedures
- Examine the social and environmental systems in which the company operates to target relevant opportunities for impact
- Conduct an inventory of the current sustainability efforts and create a blueprint for change
- Drive environmental and social benefit within three distinct areas engaging in philanthropy, optimizing operational impact and creating shared value

- Consolidate the efforts around key objectives
- Evolve the sustainability activities to align with organizational goals and capabilities
- Identify opportunities that benefit the organization as well as the community
- Build the ability to create shared business and social value over time as well as apply the business case for the sustainability strategy
- Integrate sustainability best practices into key business areas, disseminate policy effectively and embed sustainability within the culture
- Build sustainability expertise and capabilities and integrate sustainability metrics into general performance management systems
- Measure social, environmental and business impact
- Communicate the goals and impact of sustainability efforts to colleagues, shareholders and other stakeholders
- Evaluate complex environments and potential impacts before investing capital or making business decisions
- Decentralize sustainability to allow for local differences and optimizations across the organization, regionally and globally
- Identify current vulnerabilities and predict future pitfalls
- Prepare for crisis scenarios and integrate sustainability initiatives in vendor and supplier agreements
- Interact effectively with diverse internal and external stakeholders

## 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 fundamental sustainability and environmental awareness for underdevelopment and newly hired employees.

## 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 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: -

- 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. John Burnip**, EHS, SAC, STS, NEBOSH-ENV, NEBOSH-IGC, NEBOSH-IFC, NEBOSH-PSM, NEBOSH-IOG, TechIOSH, is a **NEBOSH Approved Instructor** and a **Senior Security Consultant** with over **30 years** of practical **Offshore & Onshore** experience within **Oil**, **Gas**, **Refinery**, **Petrochemical** and **Nuclear** industries. His wide experience covers **NEBOSH** International General Certificate in Occupational Health & **Safety**, **NEBOSH** National Certificate in Construction Health & Safety, **NEBOSH** Certificate in Process Safety Management, **NEBOSH** Environmental Management Certificate, **NEBOSH** Certificate in Fire Safety, **NEBOSH** International Oil & Gas Certificate, Industrial **Security** & Asset Protection, **Security Threat** Identification, **Risk** Analysis & Evaluation, **Security** Planning & Design, **Security Policy** Development, **Integrated Security Systems** Management, **Safety & Loss** Prevention, **Security Engineering & Emergency** Management Planning, **Security Incident** Management, **Information Security & Confidentiality** Management, **Security Crisis** Management, **Strategic Security** Management, **Security Report** Writing, **Security Risk** Management, **Strategic Planning**, **Terrorism**, **Security Management**, **Security Risk Assessment**, **Physical Asset** Protection, **API 780** standards, HCIS New Security Directives & Process, **Risk-Based** Screening, **Threat & Vulnerability** Assessments, **Residual Risks** Calculation, **Countermeasure Risk** Scores Development, Advanced **Intrusion Detection** Systems, **Perimeter & Building Barriers** Design, **Intellectual Property** Protection, Interdependency & External **Infrastructure Security**, **Quantitative Risk** Assessments, **Risk Registers** Maintenance, **Security Situation** Reporting, **Operating Access Control System**, **Security Operations** Management, **Security** Investigations & Criminal Evidence, **Security Risk Assessment**, Supervising **Security** Operation Team, Industrial **Security** & Asset Protection, **Security Threat** Identification, **Risk** Analysis & Evaluation, **PHA**, **HAZOP**, **HAZCOM**, **HAZMAT**, **HAZID**, **Hazard & Risk Assessment**, **Emergency Response Procedures** Behavioural Based Safety (**BBS**), **Confined Space Entry**, **Fall Protection**, **Emergency Response**, $H_2S$, Safety Management System (**ISO 45001**), **Accident/Incident Investigation** System and Report PSM, **Risk Assessment**, **SCE FMEA Failure Investigations**, Site Management Safety Training (**SMSTS**), IADC/API **Mobile Drilling Rig Inspections**, **Maintenance and Audits**, **H2s Training and Rescue with Respiratory Equipment**, Job Safety Analysis (**JSA**), **Work Permit & First Aid**, Project HSE Management System, Health & Hygiene Inspection, PTW Control, Process Modules Fire & Gas Commissioning, MSDS, Ergonomics, Lockout/Tagout, Fire Safety & Protection, Spill Prevention & Control, **Tower & Scaffold Inspection**, **Offshore** Operations, **Offshore** Construction, Basic **Offshore Safety** Induction & Emergency Training (BOSIET), **Onshore** Fabrication & **Offshore** Pipelaying & Hook-Up, **Crane** Inspection, **Crane** Operations, Oilfield Startup & Operation, Steel Fabrication, OSHA, **ISO 9001**, **ISO 14001**, **OHSAS 18001** and **IMO** (**SOLAS**) Regulations. Mr. Burnip has greatly contributed in upholding the highest possible levels of safety for numerous International Oil & Gas projects, Generation Systems & Platform Revamp, LPG & Gas Compression, Marine, Offshore and Power Plant Construction. Currently, he is the **HSE Advisor** of Solvay wherein he is responsible in planning and implementation of the corporate safety program (OSHA codes).

During Mr. Burnip's long career life, he had successfully carried out numerous projects in **Europe**, **North America**, **South America**, **Southeast Asia**, **Middle East** and the **North Sea**. He had worked for Delta Offshore Group, Solvay Asia Pacific, Likpin Dubai, SADRA/DOT, **ZADCO**, **McDermott** International (USA, Qatar, Egypt, India, Oman, Dubai and Abu Dhabi), **PDO**, **Shell**, **ARAMCO**, Salman Field, Leman Offshore Gas Field, GEC, Harland & Wolff PLC Belfast in North Ireland, Howard Doris – Kishorn in Scotland, **Westinghouse** Electric in Brazil and South Korea and **Chevron** Oil in Scotland as the **Commissioning Project Engineer**, **Project & Safety Engineer**, **Estimating Engineer**, **Security Engineer**, **Senior Instrument Engineer**, **Instrument Field Engineer**, **Lead Instrument Engineer**, **Instrument Engineer**, **Engineer**, **Emergency Response Training Manager**, **Security Manager**, **HSE Advisor**, **HSE Instructor**, **HSE Supervisor**, **Instrumentation Supervisor**, **Instrumentation Specialist**, **Project Coordinator**, **Crisis Communication & Emergency Response Specialist, Instrumentation Technician** and **Tank Farm Instrumentation Technician**.

Mr. Burnip has a **Bachelor's** degree in **Business Studies** from the **Somerset University** (**UK**). He is a **Certified/Registered Tutor** in **NEBOSH Certificate in Environmental Management**, **NEBOSH International General Certificate**, **NEBOSH International Certificate in Fire Safety & Risk Management**, **NEBOSH Process Safety Management Certificate** and **NEBOSH International Oil & Gas Certificate**; a **Certified Safety Auditor** (SAC); a **Certified ISO 45001** Auditor; an **Environmental Health and Safety Management Specialist** on Fall Protection, Elevated Structures, Material Handling, Trenching & Excavations; a Welding Brazing Safety Technician; a **Certified Safety Administrator** (**CSA**) - General Industry; a **Safety Manager/Trainer** – General Industry; a **Petroleum Safety Manager** (**PSM**) - Drilling & Servicing; a **Petroleum Safety Specialist** (**PSS**) - Drilling & Servicing; a **Safety Planning Specialist**; a **Safety Training Specialist**; a **Certified Instructor/Trainer**; a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management** (**ILM**) and further holds a Certificate in **Mechanical Engineering Craft Practice** from the **City & Guilds of London Institute**; a **NEBOSH Level 3** Construction Certificate (UK); and holds a **Cambridge Teaching Certificate**. He is a well-regarded member of the **National Association of Safety Professionals**, the **Association of Cost Engineers** (**UK**), **Institution of Occupational Safety & Health** (**TechIOSH**) and an **Associate Member** of **World Safety Organization**. Further, he has conducted innumerable trainings, workshops and conferences worldwide.

## 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 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, 29th of June 2025***

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|---|---|
| *0730 – 0800* | *Registration & Coffee* |
| *0800 – 0815* | *Welcome & Introduction* |
| *0815 – 0830* | PRE-TEST |
| *0830 – 0930* | ***The Key Concepts & Principles of Sustainability & CSR*** |
| *0930 – 0945* | *Break* |
| *0945 – 1130* | ***How Company Activities Impact the Environment & Community & How Organizational Behaviour is Impacted by CSR*** |
| *1130 – 1215* | ***The Company Policies & Procedures to Manage the Environmental Impact of the Company's Activities (Energy Conservation Policies, Recycling Policies, Hazardous Waste Disposal Policies & Procedures)*** |
| *1215 – 1230* | *Break* |
| *1230 – 1330* | ***Examining the Social & Environmental Systems in which the Company Operates to Target Relevant Opportunities for Impact*** |
| *1330 – 1420* | ***Conducting an Inventory of the Current Sustainability Efforts*** |
| *1420 – 1430* | ***Recap*** |
| *1430* | *Lunch & End of Day One* |

***Day 2:*** ***Monday, 30th of June 2025***

| | |
|---|---|
| *0730 – 0830* | ***Creating a Blueprint for Change*** |
| *0830 – 0930* | ***Driving Environmental & Social Benefit within Three Distinct Areas - Engaging in Philanthropy, Optimizing Operational Impact & Creating Shared Value*** |
| *0930 – 0945* | *Break* |
| *0945 – 1100* | ***Consolidating the Efforts Around Key Objectives*** |
| *1100 – 1215* | ***Evolving the Sustainability Activities to Align with Organizational Goals & Capabilities*** |
| *1215 – 1230* | *Break* |
| *1230 – 1420* | ***Identifying Opportunities that Benefit the Organization as well as the Community*** |
| *1420 – 1430* | ***Recap*** |
| *1430* | *Lunch & End of Day Two* |

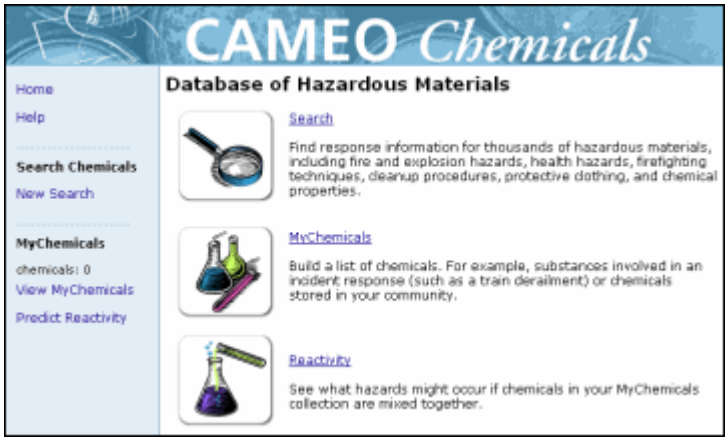
| Day 3: | Tuesday, 01st of July 2025 |
|---|---|
| 0730 – 0830 | Building the Ability to Create Shared Business & Social Value Over Time |
| 0830 – 0930 | Making the Business Case for the Sustainability Strategy |
| 0930 – 0945 | Break |
| 0945 – 1100 | Integrating Sustainability Best Practices into Key Business Areas, Disseminating Policy Effectively & Embedding Sustainability within the Culture |
| 1100 – 1215 | Building Sustainability Expertise & Capabilities |
| 1215 – 1230 | Break |
| 1230 – 1420 | Integrating Sustainability Metrics into General Performance Management Systems |
| 1420 – 1430 | Recap |
| 1430 | Lunch & End of Day Three |

| Day 4: | Wednesday, 02nd of July 2025 |
|---|---|
| 0730 – 0930 | Measuring Social, Environmental & Business Impact |
| 0930 – 0945 | Break |
| 0945 – 1100 | Communicating the Goals & Impact of Sustainability Efforts to Colleagues, Shareholders & other Stakeholders |
| 1100 – 1215 | Evaluating Complex Environments & Potential Impacts Before Investing Capital or Making Business Decisions |
| 1215 – 1230 | Break |
| 1230 – 1420 | Decentralizing Sustainability to Allow for Local Differences and Optimizations Across the Organization, Regionally & Globally |
| 1420 – 1430 | Recap |
| 1430 | Lunch & End of Day Four |

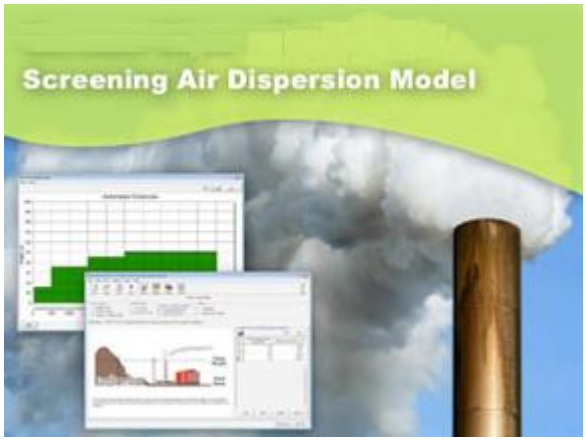
| Day 5: | Thursday, 03rd of July 2025 |
|---|---|
| 0730 – 0930 | Identifying Current Vulnerabilities & Predicting Future Pitfalls |
| 0930 – 0945 | Break |
| 0945 – 1100 | Preparing for Crisis Scenarios |
| 1100 – 1215 | Integrating Sustainability Initiatives in Vendor & Supplier Agreements |
| 1215 – 1230 | Break |
| 1230 – 1345 | Interacting Effectively with Diverse Internal & External Stakeholders |
| 1345 – 1400 | Course Conclusion |
| 1400 – 1415 | POST-TEST |
| 1415 – 1430 | Presentation of Course Certificates |
| 1430 | Lunch & End of Course |

**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 the Environmental simulators "CAMEO Chemicals Suite Software", "US EPA SCREEN3 Model" and "AERSCREEN Model".




**CAMEO Chemicals Suite Software**




**US EPA SCREEN3 Model**


**AERSCREEN Model**

## Course Coordinator

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