

COURSE OVERVIEW HE0007(AD6)-4D

PHSER (Project Health, Safety & Environmental Review) or PHSSER (Project Health, Safety, Security & Environmental Review)

Course Title

PHSER (Project Health, Safety & Environmental Review) or PHSSER (Project Health, Safety, Security & Environmental Review)



Course Date/Venue

August 05-08, 2024/Fujairah Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE

Course Reference

HE0007(AD6)-4D



Course Duration/Cre

Four days/2.4 CEUs/24 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 course is designed to provide participants with a detailed and up-to-date overview of PHSER or PHSSER. It covers the HSE management system model and the HSE international standards covering ISO 14001, ISO 45001 and OSHA PSM; the HSE policy and HSE management system (HSEMS) structure; the hierarchy of HSE documents and responsibilities of HSEMS the elements of HSE system; and the hazard identification, analysis and control comprising of job hazard analysis, change analysis, process hazard analysis, phase hazard analysis and the hierarchy of hazard controls.



During this interactive course, participants will learn to plan and conduct a site inspection and complete inspection; report and develop recommendations and follow-up; manage an effective inspection program and establish a pre and post-inspection tasks; develop and use checklists in continuous and formal inspections; handle employee reactions to the inspection process; and analyze data, set priorities and apply observation techniques.

Course Objectives

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

- Apply and gain an in-depth knowledge on PHSER or PHSSER
- Conduct PHSER at various stages of the project development, lead and participate in the PHSER for ongoing company project(s) in line with the company procedures and provide input for producing and closing out of PHSER report
- Illustrate HSE management system model and discuss HSE international standards covering ISO 14001, ISO 45001 and OSHA PSM
- Explain HSE policy and HSE management system (HSEMS) structure
- Identify the hierarchy of HSE documents and responsibilities of HSEMS
- Recognize the elements of HSE system covering leadership, safety, occupational health, product safety, environmental protection, risk management, etc.
- Carryout hazard identification, analysis and control comprising of job hazard analysis, change analysis, process hazard analysis, phase hazard analysis and the hierarchy of hazard controls
- Plan and conduct a site inspection, complete inspection reports and develop recommendations and follow-up
- Manage an effective inspection program, establish pre and post-inspection tasks and identify what to inspect and where to gather information
- Record observations accurately as well as develop and use checklists in continuous and formal inspections
- Handle employee reactions to the inspection process, analyze data and set priorities and apply observation techniques

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, sample video clips of the instructor’s actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.

Who Should Attend

This course is intended for PHSER leaders such as team leaders, project leaders and project managers. Further, this course is also suitable for PHSER members such as specialists, advisors and engineers, process engineer, process safety and risk engineer, operations representative such as commissioning & start-up specialist, construction safety specialist, project management, QA/QC specialist and discipline engineering specialist.

Course Fee


US\$ 4,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course 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: -

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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 **2.4 CEUs** (Continuing Education Units) or **24 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.

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 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, HAZOP, HSE Risk, Pre-Start-up Safety Reviews, HSE Risk Identification, Assessments & Audit, HSE Risk Assessment & Management Concepts, HSE Management Policy & Standards, HSE 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.

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: Monday, 05th of August 2024

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0900	Introduction to HSE Management System Model
0900 – 0915	Break
0915 – 1030	Introduction to HSE Management System Model (cont'd)
1030 – 1200	HSE International Standards ISO 14001 • ISO 45001 • OSHA PSM
1200 – 1215	Break
1215 – 1420	HSE Policy & HSE Management System (HSEMS) Structure
1420 – 1430	Recap
1430	Lunch & End of Day One

Day 2: Tuesday, 06th of August 2024

0730 – 0900	HSE Policy & HSE Management System (HSEMS) Structure (cont'd)
0900 – 0915	Break
0915 – 1030	Hierarchy of HSE Documents & Responsibilities of HSEMS
1030 – 1200	Hierarchy of HSE Documents & Responsibilities of HSEMS (cont'd)
1200 – 1215	Break
1215 – 1420	Project HSE Review: Elements of HSE System Element 1- Leadership • Element 2- Safety • Element 3- Occupational Health
1420 – 1430	Recap
1430	Lunch & End of Day Two

Day 3: Wednesday, 07th of August 2024

0730 – 0900	Project HSE Review: Elements of HSE System (cont'd) Element 4- Product Safety • Element 5- Environmental Protection • Element 6- Risk Management
0900 – 0915	Break
0915 – 1030	Project HSE Review: Elements of HSE System (cont'd) Element 7- Emergency Response • Element 8- Incident Reporting and Investigation • Element 9- Personnel Selection, Competency and Training
1030 – 1200	Project HSE Review: Elements of HSE System (cont'd) Element 10- External Communication • Element 11- Legal Requirements • Element 12- Continuous Improvement
1200 – 1215	Break
1215 – 1420	Project HSE Review: Hazard Identification, Analysis & Control Job Hazard Analysis • Change Analysis • Process Hazard Analysis • Phase Hazard Analysis • The Hierarchy of Hazard Controls
1420 – 1430	Recap
1430	Lunch & End of Day Three

Day 4: Thursday, 08th of August 2024

0730 – 0900	Project HSE Review: Site Inspection Plan and Conduct a Site Inspection • Complete Inspection Reports • Develop Recommendations and Follow-Up
0900 – 0915	Break
0915 – 1030	Project HSE Review: Site Inspection (cont'd) Manage an Effective Inspection Program • Establish Pre and Post-Inspection Tasks • What to Inspect and Where to Gather Information
1030 – 1200	Project HSE Review: Site Inspection (cont'd) Recording Observations Accurately • Developing and Using Checklists in Continuous and Formal Inspections
1200 – 1215	Break
1215 – 1345	Project HSE Review: Site Inspection (cont'd) Handling Employee Reactions to the Inspection Process • Analyzing Data and Setting Priorities • Observation Techniques
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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