

COURSE OVERVIEW HE1215
Certificate Planning and Management of Integrated Security Systems, Safety and Loss Prevention

Course Title

Certificate Planning and Management of Integrated Security Systems, Safety and Loss Prevention

Course Date/Venue

September 08-12, 2024/Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE

Course Reference

HE1215

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Description



This practical and highly-interactive course includes real-life case studies 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 planning and management of integrated security systems, safety and loss prevention. It covers the operation of the integrated security, safety & loss prevention management system; the system planning and management, system implementation and best practices; the critical asset mission, identification and categorizations, incident-threat characterization and analysis; the consequence and vulnerability analyses; the effectiveness of integrated physical security systems; the adversary attack and scenarios; and the types of security crisis.



During this interactive course, participants will learn the security emergency plan; the hazard identification and risk assessment; the types of process plant incidents and various approaches to systematic identification of hazards and risks assessment; the hazard identification and communication techniques; the control of hazardous substances, fire hazards, explosion hazards, toxic hazards and electricity hazards; the systematic approach to risk reduction, transferring the risk and reducing fire risk in process plants; and the root cause analysis, incident investigation, reporting and best practices and behavioural safety techniques.

Course Objectives

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

- Apply and gain an in-depth knowledge on planning and management of integrated security systems, safety and loss prevention
- Operate integrated security, safety and loss prevention management system
- Carryout system planning and management, system implementation and best practices
- Discuss critical asset mission, identification and categorizations and recognize incident-threat characterization and analysis
- Apply consequence and vulnerability analyses and recognize the effectiveness of integrated physical security systems
- Illustrate adversary attack and scenarios and identify the types of security crisis
- Employ security emergency plan, hazard identification and risk assessment
- Identify the types of process plant incidents and apply various approaches to systematic identification of hazards and risks
- Practice using hazard identification, communication techniques and tools
- Control hazardous substances and identify fire hazards, explosion hazards, toxic hazards and electricity hazards
- Apply systematic approach to risk reduction, transferring the risk and reducing fire risk in process plants
- Employ root cause analysis, incident investigation, reporting and best practices and behavioural safety techniques

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Howard 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 provides a basic knowledge on planning and management of integrated security systems, safety and loss prevention for personnel from senior management to supervisors.

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.

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Haward Technology Middle East
Continuing Professional Development (HTME-CPD)

CEUs
Page 1 of 1

CEU Official Transcript of Records

TOR Issuance Date: 12-Oct-17
HTME No. PAR11317
Participant Name: Ali Al Amoudi

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1215	Certificate Planning and Management of Integrated Security Systems, Safety and Loss Prevention	October 08-12, 2017	30	3.0

Total No. of CEU's Earned as of TOR Issuance Date **3.0**

TRUE COPY


 Maricel De Guzman
 Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 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 1-2013 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: -

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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 **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\$ 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.

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. John Burnip, CSA, SMT, PSS, EHS, SAC, STS, IOSH, OSHA, NEBOSH-ENV, NEBOSH-IGC, NEBOSH-IFC, NEBOSH-PSM, NEBOSH-IOG, TechIOSH, is a **NEBOSH Approved Instructor** and a **Senior HSE Consultant** with over **45 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** Environmental Management, Hazardous Materials & Chemicals Handling, **PHA, HAZOP, HAZCOM, HAZMAT, HAZID, Hazard & Risk Assessment, Planning and Management of Integrated Security Systems, Safety and Loss Prevention, Emergency Response Procedures** Behavioural Based Safety (**BBS**), **Confined Space Entry, Fall Protection, Emergency Response, H₂S, Safety Management System (ISO 45001), Accident/Incident Investigation System and Report PSM, Risk Assessment, SCE FMEA Failure Investigations, Site Management Safety Training (SMSTS), Occupational Health & Safety and Industrial Hygiene, Crisis Management & Damage Control** in Oil & Gas Industry, **Enhancing HSE Safety Performance & Effectiveness, Overhead & Gantry Crane Safety, HSE Principles & Practices Advanced, Lifting & Rigging Equipment Lifting Tackles Inspection License/Relicense, API 780 Security Risk Assessment Methodology** for Petroleum & Petrochemical, **Advanced Process Safety Management with PHA, Quantitative and Qualitative Risk Assessment, IADC/API Mobile Drilling Rig Inspections, 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, 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, Senior Instrument Engineer, Instrument Field Engineer, Lead Instrument Engineer, Instrument Engineer, Engineer, Emergency Response Training Manager, HSE Advisor, HSE Instructor, HSE Supervisor, Instrumentation Supervisor, Instrumentation Specialist, Project Coordinator, 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.



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, 08th of September 2024

0730 - 0800	Registration & Coffee
0800 - 0815	Welcome & Introduction
0815 - 0830	PRE-TEST
0830 - 0930	<i>Operation of the Integrated Security, Safety & Loss Prevention Management System</i>
0930 - 0945	Break
0945 - 1100	<i>System Planning & Management</i>
1100 - 1230	<i>System Implementation & Best Practices</i>
1230 - 1245	Break
1245 - 1320	<i>Critical Asset Mission, Identification & Categorizations</i>
1320 - 1420	<i>Incident-Threat Characterization & Analysis</i>
1420 - 1430	Recap
1430	Lunch & End of Day One

Day 2: Monday, 09th of September 2024

0730 - 0815	<i>Consequence & Vulnerability Analyses</i>
0815 - 0900	<i>Effectiveness of Integrated Physical Security Systems</i>
0900 - 0915	Break
0915 - 1100	<i>Adversary Attack & Scenarios</i>
1100 - 1230	<i>Types of Security Crisis</i>
1230 - 1245	Break
1245 - 1420	<i>Security Emergency Plan</i>
1420 - 1430	Recap
1430	Lunch & End of Day Two

Day 3: Tuesday, 10th of September 2024

0730 - 0815	<i>Hazard Identification</i>
0815 - 0900	<i>Risk Assessment</i>
0900 - 0915	Break
0915 - 1100	<i>Types of Process Plant Incidents</i>





1100 – 1230	<i>Approaches to Systematic Identification of Hazards & Risks</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Practice Using Hazard Identification & Communication Techniques & Tools</i>
1420 – 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Three</i>

Day 4: Wednesday, 11th of September 2024

0730 - 0815	<i>Control of Hazardous Substances</i>
0815 - 0900	<i>Fire Hazards</i>
0900 - 0915	<i>Break</i>
0915 – 1100	<i>Explosion Hazards</i>
1100 – 1230	<i>Toxic Hazards</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Electricity Hazards</i>
1420 – 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Four</i>

Day 5: Thursday, 12th of September 2024

0730 - 0815	<i>A Systematic Approach to Risk Reduction</i>
0815 - 0900	<i>Transferring the Risk</i>
0900 - 0915	<i>Break</i>
0915 - 1000	<i>Reducing Fire Risk in Process Plants</i>
1000 - 1130	<i>Root Cause Analysis</i>
1130 - 1145	<i>Break</i>
1145 - 1230	<i>Incident Investigation & Reporting & Best Practices</i>
1230 - 1300	<i>Behavioural Safety Techniques</i>
1300 - 1315	<i>Course Conclusion</i>
1315 - 1415	COMPETENCY EXAM
1415 - 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>



Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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