

COURSE OVERVIEW HE1038 Security Tools and Systems

Course Title

Security Tools and Systems

Course Reference

HE1038

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Date/Venue

Session(s)	Date	Venue
1	June 09-13, 2024	Kizkulesi, Crown Plaza Istanbul Asia Hotels & Convention Center, Istanbul, Turkey
2	October 13-17, 2024	The Kooh Al Noor Meeting Room, The H Dubai Hotel, Sheikh Zayed Rd - Trade Centre, Dubai, UAE
3	December 16-20, 2024	Hampstead Meeting Room, London Marriott Hotel Regents Park, London, United Kingdom
4	January 19-23, 2025	Oryx Meeting Room, Doubletree By Hilton Doha- Al Sadd, Doha, Qatar

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 HSSE management system. It covers the basic concepts of HSSE practices, standards and regulations; the K-group HSSE management system; the HSSE tools and systems used within the organization; using and operating the functionalities of HSSE tools and systems available; the safety responsibilities; identifying and correcting hazards; the legal compliance related to HSSE practices; the risk based approach; and the commitment to developing people.



During this interactive course, participants will learn the process safety and integrity management; the enforcement and reinforcement of procedures; ensuring safety accountability; creating a culture of consequences; and the B.O.S.S (Benchmarking Organizational Safety Strategy).

Course Objectives

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

- Apply and gain an in-depth knowledge on HSSE management tools and systems
- Describe the basic concepts of the HSSE practices, standards and regulations
- Gain understanding of the K group HSSE management system
- Identify HSSE tools and systems used within the organization
- Use and operate the functionalities of HSSE tools and systems available
- Discuss safety responsibilities as well as identify and correct hazards
- Apply legal compliance related to HSSE practices and carryout risk based approach
- Commit to develop people and recognize process safety and integrity management
- Employ enforcement and reinforcement of procedures and ensure safety accountability
- Create a culture of consequences and define B.O.S.S (Benchmarking Organizational Safety Strategy)

Who Should Attend

This course provides a basic overview of all significant aspects and considerations of HSSE management tools and systems for managers, leaders, heads, foremen, supervisors and superintendents.

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 Fee


Istanbul	US\$ 6,000 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), 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.
London	US\$ 8,800 per Delegate + VAT . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
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.

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 **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 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. Paul Hagarty, MSc, BSc, is an International Expert in Safety & Security with over 25 years of practical and industrial experience. His expertise includes Safety Auditing, Hazard Identification & Site Inspection, HAZMAT, HAZCOM, HAZWOPER, Emergency Response Management, Risk Assessment, Occupational Health, Safety and Environment (OHSE), Human Factors Engineering, Industrial Hygiene, Environmental Management and PPE, Confined Space Safety, Gas Testing, Accident Investigation and Reporting, Infection Control, Emergency Preparedness, First Aid & CPR, Environmental Awareness, Radiation Protection, NORM, Asbestos, Chemical Spills, Safety Precautions & Response Action, Environmental Spill Incident Report and Environmental Auditing. Further, he is well-versed in Industrial Toxicology, Industrial Noise Management, RCRA, Air Quality Management, Water Quality Management, Industrial Hygiene Measurements, Respiratory Protection, Air Force Training, Environmental Management Systems Auditing, Radiological Hazards, Environmental Quality Sampling, Hazard Analysis & Control, Medical Nuclear, Biological, & Chemical Operations, Storm-water Compliance, Ergonomics, DHS Nuclear/Radiological Hazardous Materials, Bioenvironmental Engineering, Waste and Waste Water, Aero-Medical Operations, Risk Assessments and Job Safety Analysis (JSA).

Mr. Hagarty is currently the **Aerospace Medicine Squadron Superintendent** of the **US Air Force, USA** wherein his responsibilities includes **Emergency Management, Project Management, Human Health Risk Assessment, Food Risk Analysis, International Environmental Policy, Technical Accounting, Production Operations and Vulnerability/Threat Assessment, Stress Management, Military Hospital Management, Joint Logistics Concept (JLC), Integrated Contingency Planning (ICP) and Laboratory Environmental Analysis.**

With his accomplishments and achievements, he had been the **HSE Manager (NATO, Germany), Aero Medical Coordinator (NATO, ISAF), Non-Commission Officer In-Charge (AFIOH, USA), Industrial Hygiene Measurements Course Supervisor (US Air Force, USA), Bioenvironmental Engineering Flight Officer in Charge (Prince Sultan Air Base, KSA), Environmental Management & Industrial Hygiene Officer in Charge (US Air Force, USA), Industrial Hygiene Officer in Charge (US Air Force, Korea), Special Project Manager (USA Air Force), Bioenvironmental Engineering Specialist (US Air Force, Germany) as well as the Environmental Protection Specialist, Lead Inspector/Assessor, Cross-Connection Control Specialist, German Health & Safety Representative, Hazardous Materials Emergency Responder and Incident Commander.**

Mr. Hagarty has **Master and Bachelor degrees in Environmental, Safety & Health Management and Occupational Education from the University of Findlay (USA) and the Wayland Baptist University (USA) respectively. Further, he has completed Associate of Applied Science in Military Science & Technology and Bioenvironmental Engineering from the Community College of the Air Force (USA) as well as General Studies from the University of Maryland (USA). He is a Certified Instructor/Trainer and received numerous military awards including the NATO Allied Command Operations Bioenvironmental Engineering.**

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	<i>Registration & Coffee</i>
0800 – 0815	<i>Welcome & Introduction</i>
0815 – 0830	PRE-TEST
0830 - 0930	<i>Basic Concepts of the HSSE Practices, Standards & Regulations</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Basic Concepts of the HSSE Practices, Standards & Regulations (cont'd)</i>
1100 - 1230	<i>K Group HSSE Management System</i>
1230 - 1430	<i>Break</i>
1430 - 1420	<i>K Group HSSE Management System (cont'd)</i>
1420 - 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2

0730 – 0930	<i>Overview of Safety Responsibilities</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Identifying & Correcting Hazards</i>
1100 – 1230	<i>Identifying & Correcting Hazards (cont'd)</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Legal Compliance Related to HSSE Practices</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3

0730 – 0930	<i>Risk Based Approach</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Commitment to Developing People</i>
1100 – 1230	<i>Commitment to Developing People (cont'd)</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Process Safety & Integrity Management</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 4

0730 – 0930	<i>Enforcement & Reinforcement of Procedures</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Ensuring Safety Accountability</i>
1100 – 1230	<i>Ensuring Safety Accountability (cont'd)</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Creating a Culture of Consequences</i>
1420 – 1430	Recap
1430	<i>Lunch & End of Day Three</i>

Day 5

0730 – 0930	B.O.S.S. (Benchmarking Organizational Safety Strategy)
0930 – 0945	Break
0945 – 1100	HSSE Tools & Systems Used within the Organization
1100 – 1230	HSSE Tools & Systems Used within the Organization (cont'd)
1230 – 1245	Break
1245 - 1345	Use & Operate the Functionalities of HSSE Tools & Systems Available
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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