

## COURSE OVERVIEW HE1038 Security Tools and Systems

**Course Title**

Security Tools and Systems

**Course Date/Venue**

February 11-15, 2024/The Mouna Meeting Room, The H Dubai Hotel, Sheikh Zayed Rd - Trade Centre, Dubai, UAE

**Course Reference**

HE1038

**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 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)

## 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 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 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 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.

### 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. Ashraf Mohamed** is a **Senior HSE Consultant & Radiation Protection Expert** with **35 years** of practical and industrial experience within the **Oil & Gas, Refinery** and **Petrochemical** industry. He is a **NEBOSH Approved Instructor** for various certification programs. His expertise lies extensively in the areas of **Radiation Safety & Protection, Radioactive Waste Management, Radiation Protection Instrumentation, Nuclear & Radiological Safety, Radiation Protection**

**Design, Radioactive Sources Protection, Radioisotopes & Protection Application, Ionizing Radiation, NEBOSH Fire Safety & Risk Management International Certificate, NEBOSH International General Certificate, Firefighting Techniques, Fire & Gas Detection System, Fire Fighter & Fire Rescue, Fire Risk Assessment, HSE Policy & Strategy, HSEMS Development & Implementation, Risk Assessment & Management, HSE Performance Measurement & Monitoring Systems, HSE & Fire Inspection, HAZOP & HAZID, HAZMAT & HAZCOM, As Low as Reasonably Practicable (ALARP), Process Hazard Analysis (PHA), Process Safety Management (PSM), Accident/Incident Investigation, Risk Management, Hazard & Effect Management Process, ALARP System, Isotopes Application & Protection, Safety Induction, PTW, Gas Testing, Lock Out/Tag Out, Confined Space, H<sub>2</sub>S, Working at Heights, Lifting Operations, Scaffolding, Rigging & Slings, Incidents Investigations, First Aid & CPR, Crane Inspection, Risk Evaluation, Emergency Response Plan, Defensive Driving, Safety Supervision, Environment Management System, Environmental Impact & Life Cycle Assessment, Pesticide Assessment & Environmental Control, Behavioural Based Safety, Work Management System** and various international codes and standards such as the ISO 9001, OHSAS 18001 and ISO 14001. He is currently the **Acting Senior HSE Engineer** wherein he develops and manages the implementation of fire, safety and environment programs for all the employees and contractors.

During his career life, Mr. Ashraf has gained his practical and field experience through his various significant positions as the **Safety & Fire Manager, HSE Manager, Safety & Fire Instructor, Senior HSE & Fire Instructor, Safety Training Instructor, Safety Construction Manager** and **Safety Section Head** from various companies such as the ADNOC, Eprome, Foster Wheeler-MIDOR Refinery, Amyria Petroleum Refining Company and Egyptian Refinery Company.

Mr. Ashraf has a **Bachelor's** degree in **Geology**. Further, he is a **Certified Instructor/Trainer** and a member of Society of Petroleum Engineers and Egyptian Society for Safety. He has further held various Radiation Certifications like the **Radiation Protection & Peaceful Uses of Radioactive Sources** and the **Applications of Radioisotopes & Protection from Ionizing Radiations** from the Egyptian Atomic Energy Authority and has delivered numerous courses, trainings, seminars, workshops and conferences globally.

**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, 11<sup>th</sup> of February 2024**

0730 – 0800	<i>Registration &amp; Coffee</i>
0800 – 0815	<i>Welcome &amp; Introduction</i>
0815 – 0830	<b>PRE-TEST</b>
0830 - 0930	<b><i>Basic Concepts of the HSSE Practices, Standards &amp; Regulations</i></b>
0930 – 0945	<i>Break</i>
0945 – 1100	<b><i>Basic Concepts of the HSSE Practices, Standards &amp; Regulations</i></b>
1100 - 1230	<b><i>K Group HSSE Management System</i></b>
1230 - 1430	<i>Break</i>
1430 - 1420	<b><i>K Group HSSE Management System (cont'd)</i></b>
1420 - 1430	<b><i>Recap</i></b>
1430	<i>Lunch &amp; End of Day One</i>

**Day 2: Monday, 12<sup>th</sup> of February 2024**

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

**Day 3: Tuesday, 13<sup>th</sup> of February 2024**

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

**Day 4: Wednesday, 14<sup>th</sup> of February 2024**

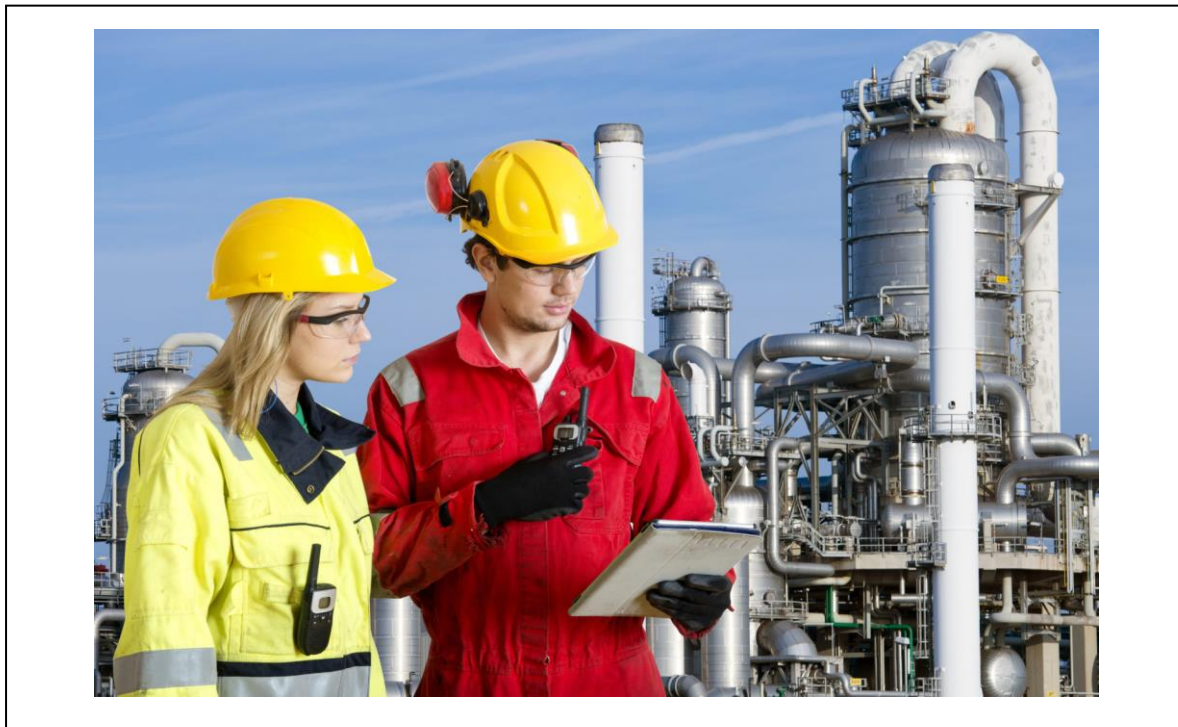
0730 – 0930	<b><i>Enforcement &amp; Reinforcement of Procedures</i></b>
0930 – 0945	<i>Break</i>
0945 – 1100	<b><i>Ensuring Safety Accountability</i></b>
1100 – 1230	<b><i>Ensuring Safety Accountability (cont'd)</i></b>
1230 – 1245	<i>Break</i>
1245 – 1420	<b><i>Creating a Culture of Consequences</i>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

**Day 5: Thursday, 15<sup>th</sup> of February 2024**

0730 – 0930	<i>B.O.S.S. (Benchmarking Organizational Safety Strategy)</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>HSSE Tools &amp; Systems Used within the Organization</i>
1100 – 1230	<i>HSSE Tools &amp; Systems Used within the Organization (cont'd)</i>
1230 – 1245	<i>Break</i>
1245 – 1345	<i>Use &amp; Operate the Functionalities of HSSE Tools &amp; Systems Available</i>
1345 – 1400	<i>Course Conclusion</i>
1400 – 1415	<i>POST-TEST</i>
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch &amp; 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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