



## **COURSE OVERVIEW HE1923** **HSSE Audit & Inspection**

### **Course Title**

HSSE Audit & Inspection

### **Course Date/Venue**

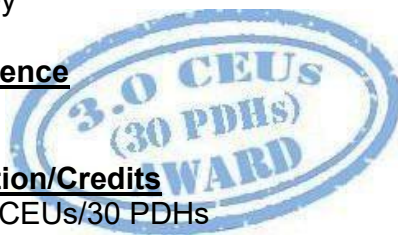
September 21-25, 2025/TBA Meeting Room,  
Mövenpick Hotel Istanbul Golden Horn,  
Istanbul Turkey

### **Course Reference**

HE1923

### **Course Duration/Credits**

Five days/3.0 CEUs/30 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 the of HSSE Audit and Inspection. It covers the role of HSSE audits in ensuring safety and compliance; the global and local HSSE regulations influencing audit and inspection practices; designing audit programs based on planned audits, certification requirements and conclusions of audit trends analysis; the techniques for identifying and assessing risks in the workplace to prioritize auditing efforts; the effective strategies for planning and scheduling audits; the best practices for documenting findings and preparing audit reports that drive action; the skills and techniques for auditors to conduct thorough and effective safety audits; and developing company inspection programs that align with company safety goals and regulatory requirements.



During this interactive course, participants will learn the various inspection techniques and the use of modern tools; the strategies to effectively lead inspection teams and ensure compliance during operations; the interviewing and observation techniques; analyzing audit data to identify patterns and areas for improvement; developing action plans to mitigate discrepancies; implementing corrective actions and ensuring adherence to them; the continuous improvement in HSSE practices; and audit findings and securing support for ongoing improvements.



### Course Objectives

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

- Apply and gain a comprehensive knowledge on HSSE audit and inspection
- Discuss the role of HSSE audits in ensuring safety and compliance
- Recognize the global and local HSSE regulations influencing audit and inspection practices
- Identify and assess risks in the workplace to prioritize auditing efforts
- Carryout effective strategies for planning and scheduling audits to ensure comprehensive coverage over time
- Apply best practices for documenting findings and preparing audit reports that drive action
- Conduct thorough and effective HSSE audits using effective skills and techniques for auditors
- Develop inspection programs that align with company safety goals and regulatory requirements
- Recognize various inspection techniques and the use of modern tools
- Lead the inspection teams effectively and ensure compliance during operations
- Enhance skills to gather information through interviews and direct observation during audits
- Analyze audit data to identify patterns and areas for improvement
- Develop effective action plans to address findings from audits and inspections
- Apply best practices for implementing corrective actions and ensuring adherence to them
- Carryout proper strategies for continuous improvement in HSSE practices based on audit outcomes and evolving industry standards
- Engage with management to review audit findings and secure support for ongoing improvements

### 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 the HSSE audit and inspection for those who are involved in carrying out HSSE audits and inspections. This will significantly benefit health, safety and environment professionals, managers, supervisors, officers and technical auditors on HSSE management system.




### 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

Haward's 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**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). 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. Attalla Ersan**, PEng, MSc, BSc, is a **Senior HSE Consultant** with over **35 years** of extensive experience within the Project Safety **Oil & Gas, Hydrocarbon** and **Petrochemical** industries. His expertise widely covers the areas of **HSSE Management System, HSSE Audit & Inspection, HSEQ Procedures, HSE Industrial Practices, Accident Investigation, Health & Safety, Occupational Safety & Security, Safety Risks** in Urea Plants, **Advanced Incident Investigation & Confidential Reporting, Facilities Management, Environmental Health & Safety Management, Products Specification, HSSE Performance & Effectiveness, HAZOP Facilitation, Hazardous Materials, Material Safety Data Sheets (MSDS), Hazardous Wastes, Hazards of Chemical Incidents, Shipping Configurations, Respiratory Protection, Protective Clothing, Donning and Doffing Procedures, Boiler & Steam System Management, Waste Heat Recovery, Boiler Plant Safety, Process Plant Startup & Operating Procedure, Ethylene & Vinyl Chloride, Ethane Cracking Furnaces Operations, Ethylene & Polyethylene Operation, Acid Gas Treatment, Sulphur Recovery, EDC & VCM, Caustic Soda Storage, Debottle-necking, Loss Prevention, Process Operation, Safety Audits, Process Engineering, Root Cause Investigations, Pyrolysis Cracking, Gas Plant Commissioning, Loss Prevention Techniques, Occupational Hazards, Hot Tapping & Tie-Ins, Pre-Start-Up Safety Review (PSSR), Standard Operating Procedure (SOP), Emergency Operating Procedure (EOP), Permit to Work Systems (PTW), Hazard and Operability (HAZOP) Study, Process Hazards Analysis (PHA), Consequence Analysis Application, Gas Detectors Operation, Accident/Incident Investigation (Why Tree Method), Occupational Exposure Assessment, Fire Fighting & First Aid, Environmental Management, Basic Safety Awareness, Steam Cracking, Steam Generation, Binary Fractionators Operations, Tanks Farm & Metering Station Techniques, Gas Treatment, Sulphur Recovery Process Unit Operation, Permit to Work System and Emergency Response Planning. Further, he is also well-versed in Project Management, Human Resources Consultancy, Manpower Planning, Job Design & Evaluation, Recruitment, Training & Development and Leadership, Creative Problem Solving Skills, Work Ethic, Job Analysis Evaluation, Training & Development Needs, Bidding & Tendering, Technical Report Writing, Supervisory Leadership, Effective Communication Skills and Total Quality Management (TQM). He is currently the **CEO of Ersan Petrokimya Teknoloji Company Limited** wherein he is responsible for the design and operation of Biogas Process Plants.**

During his career life, Mr. Ersan has gained his practical and field experience through his various significant positions and dedication as the **HSE Field Engineer, Safety Engineer, Policy, Organization & Manpower Development Head, Training & Development, Head, Ethylene Plant – Pyrolysis Furnace Engineer, Production Engineer, HSE Advisor, Process Training Coordinator, Ethylene Plant Shift Supervisor, Ethylene Plant Panel & Fit Operator, Process Training & Development Coordinator, Technical Consultant, and Instructor/Trainer** for Qatar Vinyl Company Limited and Qatar Petroleum Company (QAPCO).

Mr. Ersan is a **Registered Professional Engineer** and has a **Master's degree of Education in Educational Training & Leadership** and a **Bachelor's degree of Petrochemical Engineering**. Further, he is a **Certified Instructor/Trainer** and has delivered numerous trainings, courses, workshops, conferences and seminars internationally.



### 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.

### Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

### Course Fee

**US\$ 6,000** per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

### 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, 21<sup>st</sup> of September 2025**

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	<b>PRE-TEST</b>
0830 – 0930	<b>Foundations of HSSE Auditing &amp; Inspection</b>
0930 – 0945	Break
0945 – 1030	<b>Introduction to HSSE Auditing: Understanding the Role of HSSE Audits in Ensuring Safety and Compliance</b>
1030 – 1230	<b>HSSE Regulatory Framework: Overview of Global and Local HSSE Regulations Influencing Audit and Inspection Practices</b>
1230 – 1245	Break
1245 – 1420	<b>Developing Company Audit Programs: Designing Audit Programs Based on Planned Audits, Certification Requirements, and Conclusions of Audit Trends Analysis</b>
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day One

#### **Day 2: Monday, 22<sup>nd</sup> of September 2025**

0730 – 0930	<b>Risk Assessment &amp; Management: Techniques for Identifying and Assessing Risks in the Workplace to Prioritize Auditing Efforts</b>
0930 – 0945	Break
0945 – 1100	<b>Audit Planning &amp; Scheduling: Effective Strategies for Planning and Scheduling Audits to Ensure Comprehensive Coverage Over Time</b>
1100 – 1230	<b>Documentation &amp; Reporting: Best Practices for Documenting Findings and Preparing Audit Reports that Drive Action</b>



1230 – 1245	Break
1245 – 1420	<b>Execution of Audits &amp; Inspections</b>
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day Two

**Day 3: Tuesday, 23<sup>rd</sup> of September 2025**

0730 – 0930	<b>Conducting Effective HSSE Audits:</b> Skills and Techniques for Auditors to Conduct Thorough and Effective Safety Audits
0930 – 0945	Break
0945 – 1100	<b>Developing Company Inspection Programs:</b> Creating Inspection Programs That Align with Company Safety Goals and Regulatory Requirements
1100 – 1230	<b>Inspection Techniques &amp; Tools:</b> Various Inspection Techniques and the Use of Modern Tools
1230 – 1245	Break
1245 – 1420	<b>Lead the Implementation of Inspections:</b> Strategies to Effectively Lead Inspection Teams and Ensure Compliance During Operations
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day Three

**Day 4: Wednesday, 24<sup>th</sup> of September 2025**

0730 – 0930	<b>Interviewing &amp; Observation Techniques:</b> Developing Skills to Gather Information through Interviews and Direct Observation During Audits
0930 – 0945	Break
0945 – 1100	<b>Case Study Analysis:</b> Interactive Session Analyzing Real-World Scenarios to Apply Auditing and Inspection Concepts Learned
1100 – 1230	<b>Post-Audit Actions &amp; Continuous Improvement</b>
1230 – 1245	Break
1245 – 1420	<b>Analyzing Audit Findings:</b> Techniques for Analyzing Audit Data to Identify Patterns and Areas for Improvement
1420 – 1430	<b>Recap</b>
1430	Lunch & End of Day Four

**Day 5: Thursday, 25<sup>th</sup> of September 2025**

0730 – 0930	<b>Developing Action Plans to Mitigate Discrepancies:</b> Formulating Effective Action Plans to Address Findings from Audits and Inspections
0930 – 0945	Break
0945 – 1100	<b>Implementation of Action Plans:</b> Best Practices for Implementing Corrective Actions and Ensuring Adherence to Them
1100 – 1230	<b>Continuous Improvement in HSSE Practices:</b> Strategies for Continuous Improvement Based on Audit Outcomes and Evolving Industry Standards
1230 – 1245	Break
1245 – 1345	<b>Management Review and Feedback:</b> Engaging with Management to Review Audit Findings and Secure Support for Ongoing Improvements
1345 – 1400	<b>Course Conclusion</b>
1400 – 1415	<b>POST-TEST</b>
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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