



COURSE OVERVIEW HE2106 **Health & Safety, Environment & Quality Audits**

Course Title

Health & Safety, Environment & Quality Audits

Course Date/Venue

September 14-18, 2025/Pierre Loti Meeting Room, Mövenpick Hotel Istanbul Golden Horn, Istanbul, Turkey

Course Reference

HE2106

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 Health & Safety, Environment & Quality Audits. It covers the HSEQ management systems, international standards and frameworks; the principles of auditing, types of HSEQ audits and legal and regulatory compliance in HSEQ; the auditor competence and responsibilities and establishing audit objectives and scope; the audit criteria and checklists and risk assessment in audit planning including audit scheduling and team selection; the review and pre-audit preparation, opening meeting preparation and opening meeting execution; and collecting audit evidence and audit health and safety compliance and auditing environmental performance.



During this interactive course, participants will learn the proper auditing quality management processes and recording findings and observations; classifying audit findings, preparing the audit report and conducting closing meeting; the corrective and preventive actions (CAPA), follow-up audits and maintaining audit records; the integrated HSEQ auditing techniques, behavioral and cultural aspects of auditing and auditing in high-risk environments; the digital checklists and mobile auditing apps, data analytics for audit trends, remote sensing and IOT monitoring and AI-assisted audit planning and reporting; the KPIs for audit effectiveness and measuring compliance improvement over time; and linking audit results to business performance and benchmarking against industry best practices.



Course Objectives

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

- Apply and gain an in-depth knowledge on health and safety, environment and quality audits
- Discuss HSEQ management systems, international standards and frameworks, principles of auditing, types of HSEQ audits and legal and regulatory compliance in HSEQ
- Identify auditor competence and responsibilities and establish audit objectives and scope
- Recognize audit criteria and checklists and apply risk assessment in audit planning including audit scheduling and team selection
- Employ document review and pre-audit preparation, opening meeting preparation and opening meeting execution
- Collect audit evidence and audit health and safety compliance and apply auditing environmental performance
- Implement proper auditing quality management processes and recording findings and observations
- Classify audit findings, prepare the audit report and conduct closing meeting
- Apply corrective and preventive actions (CAPA), follow-up audits and maintaining audit records
- Carryout integrated HSEQ auditing techniques, behavioral & cultural aspects of auditing and auditing in high-risk environments
- Use digital checklists and mobile auditing apps, data analytics for audit trends, remote sensing and IOT monitoring and AI-assisted audit planning and reporting
- Employ KPIs for audit effectiveness, measuring compliance improvement over time, linking audit results to business performance and benchmarking against industry best practices

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 health & safety, environment & quality audits for HSEQ managers, supervisors & team leaders, health & safety officers, environmental officers, compliance officers and quality assurance (QA) personnel.



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:



Dr. Emad Al-Hasany, PhD, MSc, BSc is a **Senior HSE Consultant** with extensive experience within the **Oil & Gas, Refinery and Petrochemical** industries. His wide expertise covers in the areas of **HSSE Management System, HSSE Audit & Inspection, HSEQ Procedures, HAZOP & HAZID, HAZMAT & HAZCOM Storage & Disposal, As Low as Reasonably Practicable (ALARP), Process Hazard Analysis (PHA), Process Safety Management (PSM), Hazardous Materials & Chemicals Handling, Pollution Control, Environment, Health & Safety Management, Process Risk**

Analysis, Effective Tool Box Talks, Construction Sites Safety, Authorized Gas Testing, Confined Space Entry & Rescue, Risk Management, Quantitative & Qualitative Risk Assessment, Working at Height, Firefighting Techniques, Fire & Gas Detection System, Fire Fighter & Fire Rescue, Fire Risk Assessment, HSE Industrial Practices, Manual Handling, Rigging Safety Rules, Machinery & Hydraulic Lifting Equipment, Job Safety Analysis (JSA), Behavioral Based Safety (BBS). Further he is also well versed in **Centrifugal Compressor & Steam Turbine Maintenance & Troubleshooting, Heat Exchangers & Fired Heaters Operation & Repair, Heat Medium Fired Heater Troubleshooting & Maintenance, Pumps, Compressors, Turbines & Troubleshooting, Centrifugal Compressor & Steam Turbine, Valves, Safety Relief Valve Sizing, Selection, Operation, Inspection, Maintenance & Troubleshooting, Tank & Tank Farms, Hydraulic Pump, Well Engineering, Pumps, Turbines, Compressors, Process Plant Commissioning, Cost Estimation, Process Plant Start-Up Management, Clean Fuel Technology & Standards, Process Reactor Operation & Troubleshooting, Process Equipment Design, Sizing, Selection, Applications & Troubleshooting, Process Engineering Calculations, Gas Processing Plant Operations & Control, Gas Processing Monitoring & Troubleshooting and Process Plant Optimization & Energy Conservation.**

During his career life, Dr. Emad has gained his practical and field experience through his various significant positions and dedication as the **Production Main Station Manager, Manager, Safety Engineer, Production Superintendent, Production Supervisor, Production Engineer, Mechanical Engineer, HAZOP Consultant, Instructor and Lecturer** for various companies and universities such as the AL-Euphrates University, Dero Oilfields, Syrian Petroleum Company (SPC), Kokab Co. and Alharratah Oilfield.

Dr. Emad has a **PhD in Reservoir Management**, a **Master's degree in Production Engineering** and a **Bachelor's degree in Petroleum Engineering**. Further, he is a **Certified Instructor/Trainer** and has further delivered numerous training, courses, workshops, seminars 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 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.

Accommodation

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

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: Sunday, 14th of September 2025

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Overview of HSEQ Management Systems Purpose & Importance of Integrated HSEQ Systems • Key Components of Health, Safety, Environment & Quality Management • Benefits to Organizations & Stakeholders • Common Challenges & Pitfalls in Implementation
0930 – 0945	Break
0945 – 1030	International Standards & Frameworks ISO 9001: Quality Management System Requirements • ISO 14001: Environmental Management System Requirements • ISO 45001: Occupational Health & Safety Management System Requirements • Integration of Multiple Standards into One Audit Process
1030 – 1130	Principles of Auditing Integrity, Objectivity, Confidentiality & Due Professional Care • Evidence-Based Approach • Risk-Based Thinking in Audits • Continuous Improvement Orientation
1130 – 1215	Types of HSEQ Audits Internal versus External Audits • First-, Second and Third-Party Audits • Compliance vs. Performance Audits • Combined & Integrated Audits
1215 – 1230	Break

1230 – 1330	Legal & Regulatory Compliance in HSEQ <i>Understanding Applicable National & International Regulations • Industry-Specific Compliance Requirements • Identifying Legal Obligations & Documentation • Role of the Auditor in Legal Compliance Verification</i>
1330 – 1420	Auditor Competence & Responsibilities <i>Skills & Qualifications Required for HSEQ Auditors • Ethical Behavior & Impartiality • Communication & Interpersonal Skills • Continuous Professional Development for Auditors</i>
1420 – 1430	Recap <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow</i>
1430	<i>Lunch & End of Day One</i>

Day 2: Monday, 15th of September 2025

0730 – 0830	Establishing Audit Objectives & Scope <i>Defining Purpose of the Audit • Determining Scope Boundaries • Setting Performance & Compliance Objectives • Linking Objectives to Organizational Goals</i>
0830 – 0930	Audit Criteria & Checklists <i>Sources for Audit Criteria (Standards, Regulations, Policies) • Developing and Customizing Audit Checklists • Balancing Detail with Flexibility in Checklists • Aligning Checklists with Audit Scope</i>
0930 – 0945	<i>Break</i>
0945 – 1100	Risk Assessment in Audit Planning <i>Identifying High-Risk Areas for Focus • Prioritizing Audit Resources Based on Risk • Linking Risk Assessment to Sampling Plans • Incorporating Previous Audit Findings</i>
1100 – 1215	Audit Scheduling & Team Selection <i>Preparing the Audit Timetable • Selecting Competent Audit Team Members • Assigning Audit Roles & Responsibilities • Avoiding Conflicts of Interest</i>
1215 – 1230	<i>Break</i>
1230 – 1330	Document Review & Pre-Audit Preparation <i>Reviewing Manuals, Procedures & Records • Understanding Organizational Processes Before Site Visits • Pre-Audit Questionnaires & Communications • Identifying Key Stakeholders for Interviews</i>
1330 – 1420	Opening Meeting Preparation <i>Setting Meeting Agenda • Communicating Audit Plan to Auditees • Clarifying Expectations & Scope • Establishing Communication Channels During the Audit</i>
1420 – 1430	Recap <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow</i>
1430	<i>Lunch & End of Day Two</i>



Day 3: Tuesday, 16th of September 2025

0730 – 0830	Opening Meeting Execution Introducing Audit Team & Roles • Presenting Audit Scope & Objectives • Confirming Resources & Logistics • Handling Questions & Concerns from Auditees
0830 – 0930	Collecting Audit Evidence Observation, Interviews & Document Review • Triangulation of Evidence • Sampling Methods & Sample Sizes • Avoiding Bias in Evidence Gathering
0930 – 0945	Break
0945 – 1100	Auditing Health & Safety Compliance Verifying Compliance with Safety Procedures • Checking Hazard Identification & Risk Assessments • PPE Usage & Workplace Inspections • Emergency Preparedness & Drills
1100 – 1215	Auditing Environmental Performance Waste Management Practices • Pollution Prevention Measures • Energy & Resource Efficiency Monitoring • Compliance with Environmental Permits
1215 – 1230	Break
1230 – 1330	Auditing Quality Management Processes Process Control & Standard Operating Procedures • Calibration & Maintenance of Measuring Equipment • Non-Conformance Management • Customer Satisfaction & Feedback Handling
1330 – 1420	Recording Findings & Observations Differentiating Between Nonconformities, Observations & Opportunities for Improvement • Maintaining Objectivity in Reporting • Using Standardized Formats for Notes • Ensuring Evidence Is Sufficient & Relevant
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Three

Day 4: Wednesday, 17th of September 2025

0730 – 0830	Classifying Audit Findings Major & Minor Nonconformities • Observations & Opportunities for Improvement • Positive Findings & Best Practices • Risk-Based Prioritization of Findings
0830 – 0930	Preparing the Audit Report Structure & Format of a Professional Audit Report • Writing Clear & Concise Findings • Supporting Findings with Objective Evidence • Summarizing Conclusions & Recommendations
0930 – 0945	Break
0945 – 1100	Conducting the Closing Meeting Presenting Key Findings to Management • Handling Disagreements Professionally • Gaining Agreement on Corrective Actions • Explaining the Follow-Up Process
1100 – 1215	Corrective & Preventive Actions (CAPA) Root Cause Analysis Methods (5 Whys, Fishbone) • Developing Effective Corrective Action Plans • Preventive Action Strategies • Monitoring Action Implementation
1215 – 1230	Break



1230 – 1330	Follow-Up Audits <i>Scheduling & Conducting Verification Audits • Checking Effectiveness of Implemented Actions • Closing Nonconformities • Continuous Improvement Monitoring</i>
1330 – 1420	Maintaining Audit Records <i>Retention & Archiving Requirements • Confidentiality & Security of Audit Data • Using Audit Management Software • Accessibility for Stakeholders & Regulators</i>
1420 – 1430	Recap <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow</i>
1430	Lunch & End of Day Four

Day 5: Thursday, 18th of September 2025

0730 – 0830	Integrated HSEQ Auditing Techniques <i>Benefits & Challenges of Integrated Audits • Cross-Referencing Multiple Standards in One Audit • Reducing Duplication & Audit Fatigue • Case Studies of Integrated Audit Success</i>
0830 – 0930	Behavioral & Cultural Aspects of Auditing <i>Building Trust with Auditees • Handling Resistance to Audits • Encouraging Openness & Transparency • Promoting a Positive Audit Culture</i>
0930 – 0945	Break
0945 – 1100	Auditing in High-Risk Environments <i>Safety Precautions for Auditors • Specialized PPE & Training Requirements • Crisis & Emergency Response During Audits • Remote Auditing Techniques for Hazardous Sites</i>
1100 – 1230	Use of Technology in HSEQ Audits <i>Digital Checklists & Mobile Auditing Apps • Data Analytics for Audit Trends • Remote Sensing & IoT Monitoring • AI-Assisted Audit Planning & Reporting</i>
1230 – 1245	Break
1245 – 1300	Performance Metrics for HSEQ Audits <i>KPIs for Audit Effectiveness • Measuring Compliance Improvement Over Time • Linking Audit Results to Business Performance • Benchmarking Against Industry Best Practices</i>
1300 – 1345	Auditor Development & Certification <i>International Auditor Certifications (IRCA, Exemplar Global) • Continuing Professional Development Programs • Building Specialist Expertise in H, S, E or Q • Networking & Professional Bodies for Auditors</i>
1345 – 1400	Course Conclusion <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course</i>
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

Mari Nakintu, Tel: +971 2 30 91 714, Email: mari1@haward.org