



COURSE OVERVIEW HE0355

Certificate in Advanced Health & Safety Management

Course Title

Certificate in Advanced Health & Safety Management

Course Date/Venue

September 06-10, 2026/TBA Meeting Room,
Elite Byblos Hotel Al Barsha, Sheikh Zayed
Road, Dubai, UAE

Course Reference

HE0355

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 Certificate in Advanced Health and Safety Management. It covers the principles of advanced health and safety management, health and safety management systems and ISO 45001 framework and application; the health and safety leadership and governance, developing a positive safety culture and legal and regulatory compliance management; the advanced hazard identification techniques and advanced risk assessment methodologies; and the job safety analysis and task risk assessment.



Further, the course will also discuss the hierarchy of controls, critical controls, high-risk activities and operational controls; the management of change (MOC), incident and accident prevention strategies, incident reporting and classification and advanced incident investigation; the root cause analysis, corrective and preventive action management, emergency preparedness and crisis management; the occupational health risk management and chemical and hazardous substance management; and the physical and ergonomic hazards, human factors and behavioral safety.



During this interactive course, participants will learn the contractor and supply chain safety management, health and safety performance measurement and advanced health and safety auditing; the workplace inspection and assurance programs including safety communication and employee engagement; and the strategic health and safety planning, management review, continual improvement, advanced H&S leadership and action planning.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply and gain an advanced knowledge on health and safety management
- Discuss the principles of advanced health and safety management, health and safety management systems and ISO 45001 framework and application
- Carryout health and safety leadership and governance, developing a positive safety culture and legal and regulatory compliance management
- Apply advanced hazard identification techniques, advanced risk assessment methodologies, job safety analysis and task risk assessment
- Recognize hierarchy of controls and critical controls and carryout high-risk activities and operational controls
- Employ management of change (MOC), incident and accident prevention strategies and incident reporting and classification and advanced incident investigation
- Carryout root cause analysis, corrective and preventive action management and emergency preparedness and crisis management
- Apply occupational health risk management and chemical and hazardous substance management
- Identify physical and ergonomic hazards and human factors and behavioral safety
- Carryout contractor and supply chain safety management, health and safety performance measurement and advanced health and safety auditing
- Develop workplace inspection and assurance programs including safety communication and employee engagement
- Implement strategic health and safety planning, management review, continual improvement, advanced H&S leadership and action planning

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 advanced health and safety management for HSE managers and officers, health and safety professionals, safety engineers and supervisors, risk management professionals, operations and maintenance managers, project managers and site supervisors, HR and occupational health professionals, compliance and audit personnel, Managers and team leaders responsible for workplace safety, professionals responsible for developing, implementing, and improving health and safety management systems.

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.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Accommodation

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

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 Certificate(s)

- (1) Internationally recognized Competency Certificates 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.

* Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *														
		Haward Technology Middle East Continuing Professional Development (HTME-CPD)												
CEUs														
<u>CEU Official Transcript of Records</u>														
TOR Issuance Date:		14-Nov-25												
HTME No.		74851												
Participant Name:		Waleed Al Habeeb												
<table border="1"> <thead> <tr> <th>Program Ref.</th> <th>Program Title</th> <th>Program Date</th> <th>No. of Contact Hours</th> <th>CEU's</th> </tr> </thead> <tbody> <tr> <td>HE0355</td> <td>Certificate in Advanced Health & Safety Management</td> <td>Nov 10-14, 2025</td> <td>30</td> <td>3.0</td> </tr> </tbody> </table>					Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's	HE0355	Certificate in Advanced Health & Safety Management	Nov 10-14, 2025	30	3.0
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TRUE COPY  Jaryl Castillo Academic Director														
Haward Technology has been approved as an Accredited Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 800, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2018 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 1-2018 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 														
P.O. Box 26070, Abu Dhabi, United Arab Emirates Tel.: +971 2 3091 714 E-mail: info@haward.org Website: www.haward.org														
* Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology * CEUs * Haward Technology *														

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations:

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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**. 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.

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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**.

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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. Daniel Naude is a **Senior HSE Consultant** with over **30 years** of practical experience within the **Oil & Gas** industry. His broad expertise widely covers in the areas of **HAZOP & HAZID, HAZMAT & HAZCOM** Storage & Disposal, As Low as Reasonably Practicable (**ALARP**), Process Hazard Analysis (**PHA**), Process Safety Management (**PSM**), **Authorized Gas Testing, Confined Space Entry, First Aid & SCBA** Management, **Manual Handling, Permit-to-Work & Risk** Assessment, **Work-at-Heights, Firefighting, Crane & Lifting Safety, Rigging & Slings** Operation, **Scaffolding** Inspection, **Defensive Driving, Hazardous Materials & Chemicals** Handling, **Pollution Control, Environmental & Pollution** Management, **Process Risk** Analysis, Effective Tool Box Talks, **Quantitative & Qualitative Risk** Assessment, **HSE Industrial Practices, Rigging Safety Rules, Machinery & Hydraulic Lifting Equipment, Incident & Accident Investigation, Emergency Response & Crisis** Management Operations, **Waste** Management, Job Safety Analysis (**JSA**), Behavioral Based Safety (**BBS**), **Incident & Accident Investigation**, Hazard identification and Risk Assessments (**HIRA**), **HSE Risk** Assessment & Management Concepts, **HSE Management** Policy & Standards, **HSSE Emergency Response & Crisis** Management Operations, **Fall Protection, Lock-out/Tag-out (LOTO), Emergency Response, Construction** Supervision, **Scaffolding** Inspection, **Manual Material Handling, Road Traffic** Supervision, ISO 9001 and OHSAS 18001. Further, he is also well-versed in **Shaft Repairs & Inspection, Shaft Bottom Pumps Replacement, Loading Box Liners, Conveyor Belts, Plant Operations, Water Shaft Repairs, Water Tunnel Inspection & Repairs, Borehole Pump Replacement, Water Meter Readings, Pit Inspections, Mine Production, Ore Reserve Management, Excavation Blasting and Blasting** Operations.

During his career life, Mr. Naude has gained his practical and field experience through his various significant positions and dedication as the **Production Supervisor, Acting Production Supervisor, Developer, General Miner, Developer, Stoper, Onsetter, Banksman, Shaft Timmernan, Shaft Foreman** and **Facilitator/Assessor/Moderator** from TM Training Solutions, KEM JV Diamond Mine, Beatrix Mine, Premier Mine De Beers, President Steyn and Western Holdings.

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, 06th of September 2026

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Principles of Advanced Health & Safety Management Evolution of Occupational Health & Safety Management • Strategic Importance of H&S in Organizational Performance • Proactive versus Reactive Safety Management • Integration of Safety into Business Strategy
0930 – 0945	Break
0945 – 1030	Health & Safety Management Systems Core Elements of an Effective H&S Management System • Plan-Do-Check-Act (PDCA) Methodology • Integration with Quality and Environmental Systems • Evaluating H&S Management System Effectiveness
1030 – 1130	ISO 45001 Framework & Application Context of the Organization and Interested Parties • Leadership, Consultation, and Worker Participation • Planning, Support and Operational Requirements • Performance Evaluation and Continual Improvement
1130 – 1215	Health & Safety Leadership & Governance Roles and Responsibilities of Senior Management • Developing Visible Safety Leadership • Establishing Accountability Across Management Levels • Creating Effective H&S Governance Structures
1215 – 1230	Break
1230 – 1330	Developing a Positive Safety Culture Characteristics of Strong and Weak Safety Cultures • Employee Attitudes, Perceptions and Behaviors • Measuring Organizational Safety Culture • Strategies for Improving Safety Engagement
1330 – 1420	Legal & Regulatory Compliance Management Understanding Occupational H&S Legal Frameworks • Employer, Manager, and Employee Responsibilities • Compliance Registers and Regulatory Monitoring • Managing Legal Non-Conformities and Corrective Actions
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 One

Day 2: Monday, 07th of September 2026

0730 – 0830	Advanced Hazard Identification Techniques Systematic Workplace Hazard Identification • Task, Process, Equipment and Environmental Hazards • Routine versus Non-Routine Activity Hazards • Human and Organizational Sources of Risk
0830 – 0930	Advanced Risk Assessment Methodologies Qualitative and Quantitative Risk Assessment • Risk Matrices, Scoring and Prioritization • Likelihood, Consequence and Exposure Evaluation • Limitations and Common Errors in Risk Assessment
0930 – 0945	Break

0945 – 1100	Job Safety Analysis & Task Risk Assessment Breaking Work Activities into Critical Task Steps • Identifying Hazards at Each Stage • Selecting Effective Risk-Control Measures • Developing and Reviewing JSA/TRA Documentation
1100 – 1215	Hierarchy of Controls & Critical Controls Elimination and Substitution Strategies • Engineering and Administrative Controls • PPE Selection as a Final Layer of Protection • Identifying and Verifying Critical Risk Controls
1215 – 1230	Break
1230 – 1330	High-Risk Activities & Operational Controls Work at Height and Falling-Object Risks • Confined-Space Operations • Lifting, Material Handling and Mobile Equipment • Energy Isolation and Permit-to-Work Controls
1330 – 1420	Management of Change (MOC) Identifying Changes That Require Formal Assessment • Evaluating H&S Risks Before Implementing Change • Roles, Authorization and Communication Requirements • Post-Change Monitoring and Effectiveness Review
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 Two

Day 3: Tuesday, 08th of September 2026

0730 – 0830	Incident & Accident Prevention Strategies Understanding Accident Causation Theories • Leading and Lagging Indicators • Identifying Precursors to Serious Incidents • Developing Proactive Prevention Programs
0830 – 0930	Incident Reporting & Classification Accident, Incident, Near-Miss and Unsafe-Condition Reporting • Severity and Potential-Severity Classification • Reporting Responsibilities and Escalation Criteria • Developing an Effective Reporting Culture
0930 – 0945	Break
0945 – 1100	Advanced Incident Investigation Securing and Examining the Incident Scene • Interviewing Witnesses and Involved Personnel • Collecting Physical, Documentary and Digital Evidence • Establishing an Accurate Incident Timeline
1100 – 1215	Root Cause Analysis Immediate, Underlying and Root Causes • Five Whys Methodology • Fishbone/Cause-and-Effect Analysis • Distinguishing Human Error from System Failure
1215 – 1230	Break
1230 – 1330	Corrective & Preventive Action Management Developing SMART Corrective Actions • Assigning Responsibility and Completion Deadlines • Tracking Corrective-Action Implementation • Verifying Effectiveness and Preventing Recurrence

1330 – 1420	Emergency Preparedness & Crisis Management Emergency Scenario Identification and Planning • Emergency Response Organization and Responsibilities • Drills, Exercises, Evacuation and Communication • Post-Emergency Evaluation and Business Recovery
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, 09th of September 2026

0730 – 0830	Occupational Health Risk Management Identification of Occupational Health Hazards • Routes and Duration of Workplace Exposure • Exposure Assessment and Health-Risk Evaluation • Health Surveillance and Occupational Hygiene Programs
0830 – 0930	Chemical & Hazardous Substance Management Chemical Hazard Classification and Labeling • Safety Data Sheet Interpretation • Storage, Handling and Segregation Requirements • Spill Prevention and Emergency Response
0930 – 0945	Break
0945 – 1100	Physical & Ergonomic Hazards Noise, Vibration, Heat and Radiation Hazards • Manual Handling and Musculoskeletal Risks • Ergonomic Workplace Assessment • Engineering and Administrative Exposure Controls
1100 – 1215	Human Factors & Behavioral Safety Human Error and Performance Limitations • Fatigue, Workload, Stress, and Situational Awareness • Behavioral Observation and Feedback Techniques • Designing Systems That Reduce Error Potential
1215 – 1230	Break
1230 – 1330	Contractor & Supply Chain Safety Management Contractor H&S Prequalification • Contractor Induction and Competency Verification • Monitoring Contractor Safety Performance • Managing Interfaces Between Multiple Contractors
1330 – 1420	Health & Safety Performance Measurement Developing Meaningful H&S KPIs • Leading versus Lagging Performance Indicators • Trend Analysis and Safety-Performance Dashboards • Using Performance Data for Management Decisions
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 Four

Day 5: Thursday, 10th of September 2026

0730 – 0830	Advanced Health & Safety Auditing Audit Principles, Scope and Criteria • Developing Risk-Based Audit Programs • Conducting Interviews and Gathering Objective Evidence • Recording Findings and Preparing Audit Reports
0830 – 0930	Workplace Inspection & Assurance Programs Planning Effective H&S Inspections • Identifying Unsafe Acts and Unsafe Conditions • Risk-Ranking Inspection Findings • Tracking Findings through to Closure

0930 – 0945	Break
0945 – 1045	Safety Communication & Employee Engagement <i>Designing Effective H&S Communication Systems • Toolbox Talks and Safety Briefings • Worker Consultation and Participation • Overcoming Communication and Engagement Barriers</i>
1045 – 1130	Strategic Health & Safety Planning <i>Establishing H&S Objectives and Targets • Aligning Safety Strategy with Business Objectives • Developing Annual H&S Improvement Plans • Allocating Resources According to Risk Priorities</i>
1130 – 1215	Management Review & Continual Improvement <i>Inputs and Outputs of Management Review • Evaluating Achievement Against H&S Objectives • Identifying Systemic Weaknesses and Improvement Priorities • Applying Lessons Learned Across the Organization</i>
1215 – 1230	Break
1230 – 1300	Advanced H&S Leadership and Action Planning <i>Developing Personal Leadership Commitments • Influencing Managers, Supervisors, and Employees • Building a Roadmap Toward H&S Excellence • Developing a Workplace H&S Improvement Action Plan</i>
1300 – 1315	Course Conclusion <i>Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course</i>
1315 – 1415	COMPETENCY EXAM
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

Overall Course Learning Outcomes

Upon successful completion of the course, participants should be able to:

- Design, implement, evaluate and continually improve an effective health and safety management system
- Apply advanced hazard identification and risk-management techniques
- Strengthen organizational safety culture and leadership
- Conduct effective incident investigations and root-cause analyses
- Manage occupational health, human factors, contractors, and high-risk activities
- Establish meaningful H&S performance indicators
- Conduct audits and inspections
- Develop strategic H&S improvement plans aligned with organizational objectives



Practical Sessions

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



Course Coordinator

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