COURSE OVERVIEW HE0701(KO2)
Confined Space Entry & Gas Testing – Certified

Course Title
Confined Space Entry & Gas Testing - Certified

Course Date/Venue
October 12-16, 2025/Al Khobar Meeting Room, Hilton Garden Inn, Al Khobar, KSA

Course Reference
HE0701(KO2)

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

Course Description

This practical and highly-interactive course includes practical sessions and demonstration where participants carryout confined space and rescue missions. Theory learnt in the class will be applied using a rope rescue methods and equipment.

Confined Space Entry (CSE) procedures are made for the safety of those working in confined space. They are designed to prevent accidents and injuries caused by the accidental release of energy. The use of these procedures prevents workers from accidentally being exposed to injurious and even life-threatening situations with energized machinery and equipment.

This course is designed to provide participants with a detailed and up-to-date overview of confined space entry and gas testing. It covers the principles of confined spaces including their associated hazards, regulations governing the work, preparations required before entry, emergency procedures and responsibilities; the atmospheric testing; the analysis and interpretation of gas test results and associated hazard; the different types of electrical and non-electrical equipment to be used in hazardous and confined areas; and the practical skills required for confined space entry including hazard identification, risk assessment and entry permits.

Course Objectives

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

- Apply systematic techniques and procedures on confined space entry and gas testing
- Discuss the principles of confined spaces, their associated hazards, the regulations governing the work, the preparations required before entry, emergency procedures and their responsibilities
- Conduct atmospheric testing as part of the role as an authorized gas tester within the workplace
- Analyze and interpret gas test results and associated hazard
- Evaluate and select different types of electrical and non-electrical equipment to be used in hazardous and confined areas
- Acquire practical skills required for confined space entry including hazard identification, risk assessment and entry permits

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 confined space entry and gas testing for all employees who require an understanding on confined space entry and gas testing activities.

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.

Accommodation

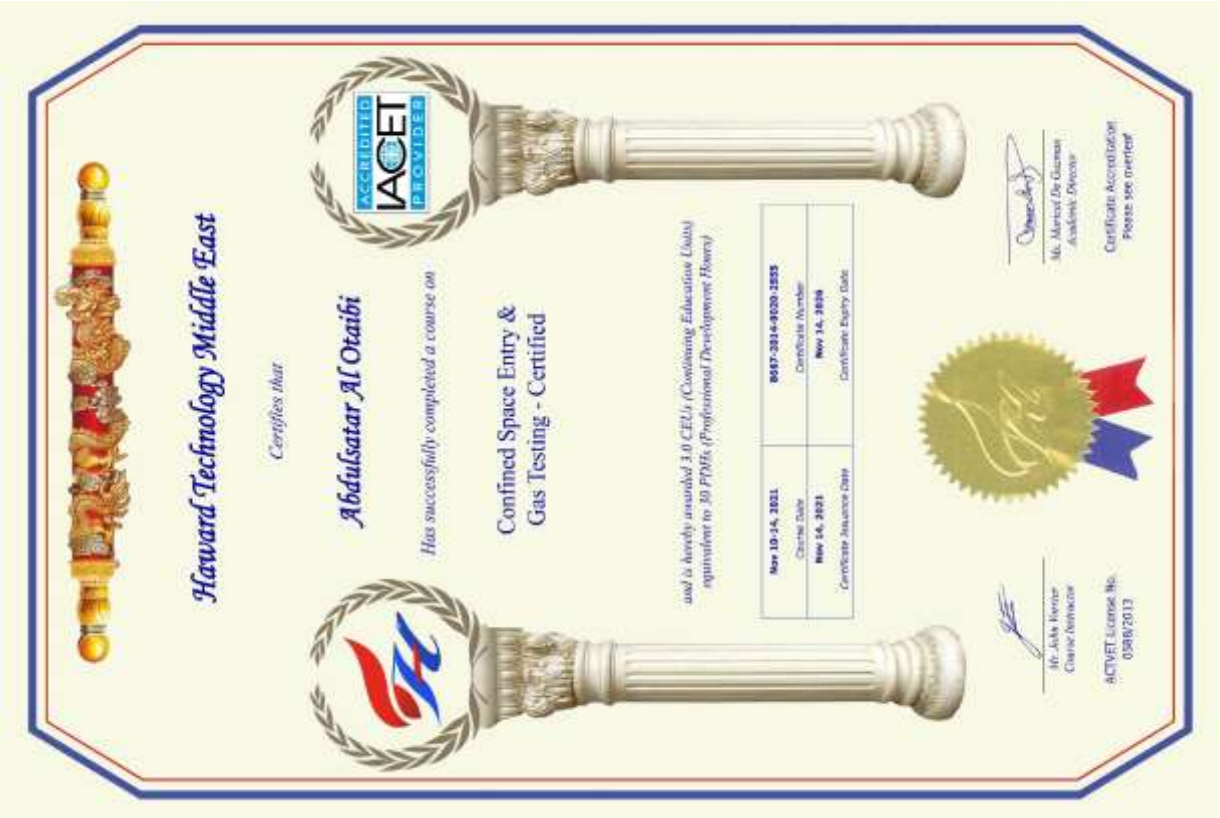
Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

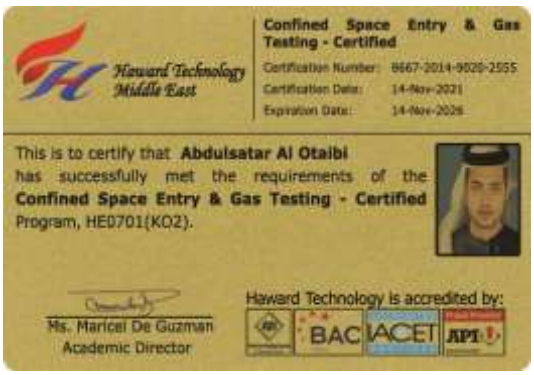
Course Certificate(s)

(1) Internationally recognized Wall Competency Certificates and Plastic Wallet Card 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.

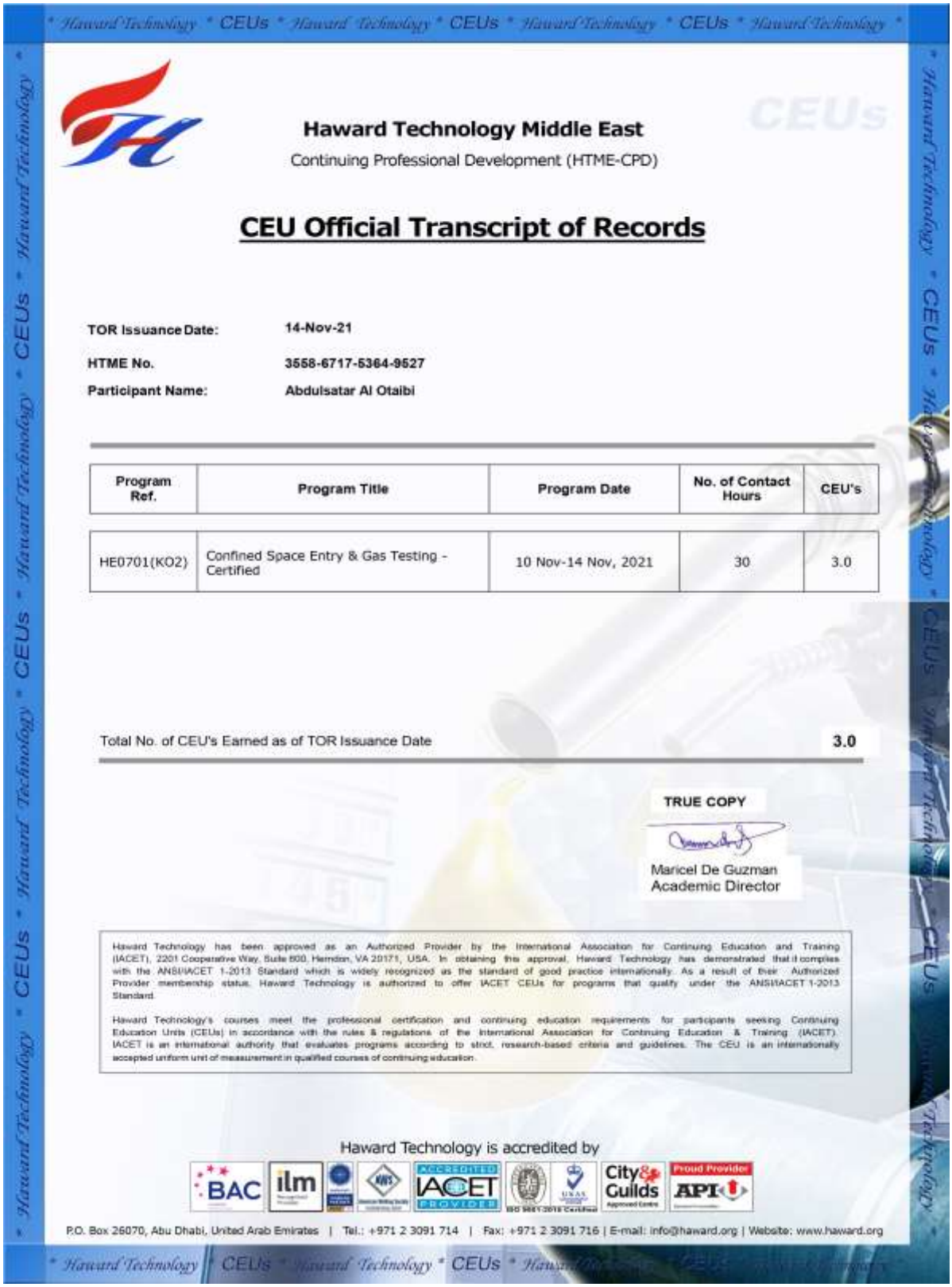
Sample of Certificates

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 Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-21

HTME No. 3558-6717-5364-9527

Participant Name: Abdulsatar Al Otaibi

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE0701(KO2)	Confined Space Entry & Gas Testing - Certified	10 Nov-14 Nov, 2021	30	3.0

Total No. of CEU's Earned as of TOR Issuance Date **3.0**

TRUE COPY

Maricel De Guzman
Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 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 1-2013 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

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Certificate Accreditations

Certificates are accredited by the following international accreditation organizations: -

- 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.

- 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.

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 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. Francis Almeida, PgDip, BSc, NEBOSH-ENV, NEBOSH-IGC, NEBOSH-IFC, NEBOSH-IOGC, NEBOSH-PSM, is a **Senior Health, Safety & Environmental** (**HSE**) **Consultant** with over **30 years** of practical experience within the **Oil** and **Gas** industry. He is a **NEBOSH Approved Instructor** for various certification programs. His expertise lies extensively in the areas of **Accident/Incident Investigation & Risk Management**, **NEBOSH** Environmental Management, **NEBOSH** International General Certificate, **NEBOSH** Fire Safety & Risk Management International Certificate, **NEBOSH** International Oil & Gas Certificate, **NEBOSH** Process Safety Management, **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, **HSSE Management** System, **HSSE Audit & Inspection**, **HSEQ Procedures**, **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**, **Warehouse Incidents & Accidents Reporting**, **Incident & Accident Investigation**, **Emergency Planning**, **Emergency Response & Crisis** Management Operations, **Waste Management** Monitoring, **Root Cause Analysis**, Hazard & Risk Assessment, Task Risk Assessment (**TRA**), **Incident Command**, Job Safety Analysis (**JSA**), Behavioral Based Safety (**BBS**), **Fall Protection**, **Work Permit & First Aid** and various international codes and standards such as the ISO 9001, OHSAS 18001, ISO 14001, SA8000, ISO 9001-2000 and ISO 9002. He was the **Offshore Safety Specialist** of **Chevron** wherein he was in-charged in HSE inspections, hazard analysis, incident investigation and implementing corrective actions.

During his career life, Mr. Almeida has gained his practical and field experience through his various significant positions and dedication as the **Quality Manager**, **HSE Specialist/Acting On-Scene Commander**, **Quality Auditor**, **Quality Supervisor**, **QHSE Engineer**, **Metallurgical Engineer**, **HSE Coordinator**, **Suppliers Auditor**, **Senior Instructor/Consultant**, **Oil & Gas Construction Specialist**, **Business Administration Specialist** and **Oil & Gas Management Technology Specialist** for various international companies and institutions such as the IBEC, Lopes & Almeida, IMA, EXPRO Group, UNESA, Vetco Aibel, ABB Oil & Gas, Brazilian Aluminum Foundry, DNV and ABIFA.

Mr. Almeida has a **Bachelor** degree in **Metallurgical Engineering** and a **Post Graduate Diplomas** in **Safety Engineering** and **Industrial Administration**. Further, he is a **Certified Instructor/Trainer**, an **Approved Lead Tutor** in **NEBOSH Environmental Management Certificate**, **NEBOSH International General Certificate**, **NEBOSH International Oil & Gas Certificate** and **NEBOSH Process Safety Management Certificate** and an **Approved Practical Assessor/Lead Tutor** in **NEBOSH Fire Safety & Risk Management**. Moreover, he is a **Certified ISO 9001:2000 Lead Auditor**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership and Management** (**ILM**) and has further delivered numerous trainings, courses, seminars, conferences and workshops 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, 12th of October 2025***

0730 - 0800	*Registration & Coffee*
0800 - 0815	*Welcome & Introduction*
0815 - 0830	***PRE-TEST***
0830 - 0930	***Confine Space Entry Procedure & Gas Testing Procedure***
0930 - 0945	*Break*
0945 - 1100	***Confine Space Entry Procedure & Gas Testing Procedure (cont'd)***
1100 - 1230	***Technique of Gas Testing***
1230 – 1245	*Break*
1245 - 1420	***Technique of Gas Testing (cont'd)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2: ***Monday, 13th of October 2025***

0730 - 0930	***Analyze & Interpret Gas Test Results and Associate Hazard***
0930 - 0945	*Break*
0945 - 1100	***Analyze & Interpret Gas Test Results and Associate Hazard (cont'd)***
1100 - 1230	***Confined Spaces*** *Principles ● Associated Hazards ● Regulations Governing the Work*
1230 - 1245	*Break*
1245 - 1420	***Confined Spaces (cont'd)*** *Preparations Required before Entry is Allowed into Confined Space Area*
1420 - 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3: ***Tuesday, 14th of October 2025***

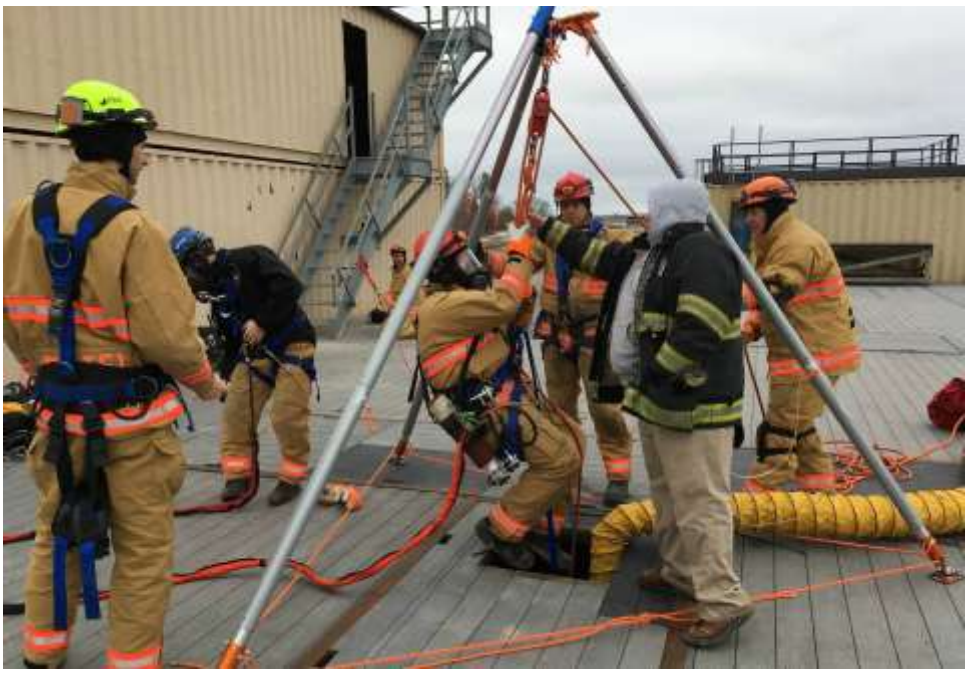
0730 - 0930	***Confined Spaces (cont'd)*** *Emergency Procedures in the Event of an Accident*
0930 - 0945	*Break*
0945 - 1100	***Confined Spaces (cont'd)*** *Responsibilities of the Outside Attendant or Stand-by Person*
1100 - 1230	***Evaluation & Selection of Electrical & Non-Electrical Equipment for Use in Hazardous Areas & Confined Areas***
1230 - 1245	*Break*
1245 - 1420	***Evaluation & Selection of Electrical & Non-Electrical Equipment for Use in Hazardous Areas & Confined Areas (cont'd)***
1420 - 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4:	***Wednesday, 15th of October 2025***
0730 – 0930	***Practical Sessions*** *Practical Skills and Ability to Conduct Atmospheric Testing as Part of the Role as Authorized Gas Tester within the Workplace*
0930 - 0945	*Break*
0945 - 1100	***Practical Sessions (cont'd)*** *Practical Skills and Ability to Conduct Atmospheric Testing as Part of the Role as Authorized Gas Tester within the Workplace (cont'd)*
1100 - 1230	***Practical Sessions (cont'd)*** *Practical Skills and Ability to Conduct Atmospheric Testing as Part of the Role as Authorized Gas Tester within the Workplace (cont'd)*
1230 - 1245	*Break*
1245 - 1420	***Practical Sessions (cont'd)*** *Practical Skills and Ability to Conduct Atmospheric Testing as Part of the Role as Authorized Gas Tester within the Workplace (cont'd)*
1420 - 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5:	***Thursday, 16th of October 2025***
0730 – 0930	***Practical Sessions*** *Practical Skills Required for Confined Space Entry including Hazard Identification, Risk Assessment and Entry Permits*
0930 – 0945	*Break*
0945 – 1100	***Practical Sessions (cont'd)*** *Practical Skills Required for Confined Space Entry including Hazard Identification, Risk Assessment and Entry Permits (cont'd)*
1100 – 1230	***Practical Sessions (cont'd)*** *Practical Skills Required for Confined Space Entry including Hazard Identification, Risk Assessment and Entry Permits (cont'd)*
1230 – 1245	*Break*
1245 – 1300	***Practical Sessions (cont'd)*** *Practical Skills Required for Confined Space Entry including Hazard Identification, Risk Assessment and Entry Permits (cont'd)*
1300 – 1315	***Course Conclusion***
1315 – 1415	***COMPETENCY EXAM***
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