

COURSE OVERVIEW HE0758(KN1)
Certified Confined Space & Rope Rescue in Accordance with NFPA 1670 & 1006

Course Title

Certified Confined Space & Rope Rescue in Accordance with NFPA 1670 & 1006

Course Date/Venue

November 03-07, 2024/Al Azziya Hall, The Proud Hotel Al Khobar, KSA

Course Reference

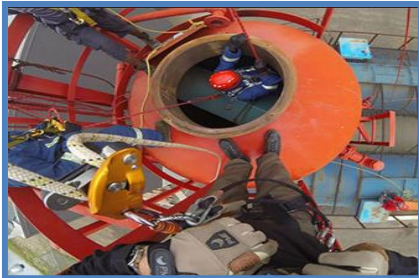
HE0758(KN1)

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Description



This practical and highly-interactive course includes practical sessions and exercises where participants carryout rope rescue operations. Theory learned in the class will be applied using rope rescue methods and equipment.



This course is designed for persons who could be required to undertake a rescue of persons working at height or depth. The successful attendees will be able to undertake rescue operations as part of an on-site emergency. The course will provide the skills and knowledge to attendees to confidently identify the equipment required, assess hazards associated with the task and safely perform rescue from heights or depths.



The course will provide foundational skills in confined space safety and rope rescue as well as rescue from fall protection. Delegates will be certified based on the requirements of NFPA 1006 and 1670 to “Operations Level of Confined Space Rescue” (the certification testing should include performance evaluations as well as written exam).

Course Objectives

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

- Get certified in “Confined Space & Rope Rescue” to “Operations Level” in accordance with NFPA 1670 & 1006
- Apply and gain a fundamental knowledge on confined space and rope rescue
- Carryout safety precautions, knots and regulations
- Evaluate rope analysis and identify the equipment available
- Illustrate anchoring, rigging, safety line belay, belaying a falling load and patient packaging
- Describe tied full-body harnesses and review the mechanical advantage
- Differentiate lowering systems and hauling systems
- Identify litter rigging, low point litter-pick and pivot
- Employ tripod operations and proper rescue from fall protection
- Explain helicopter operations awareness and incident command
- Develop priority action plan and recognize OSHA con space awareness
- Classify elevated rescue scenarios and con space scenarios (Non-IDLH)

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 is applicable to all fire fighting personnel, firemen, rescue and emergency personnel, HSE, operations, production, maintenance individuals and all other employees who are working in the process industry.

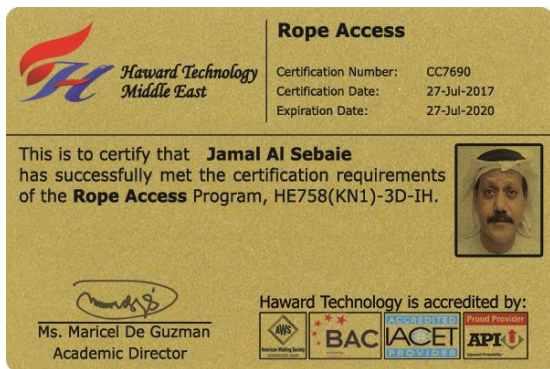
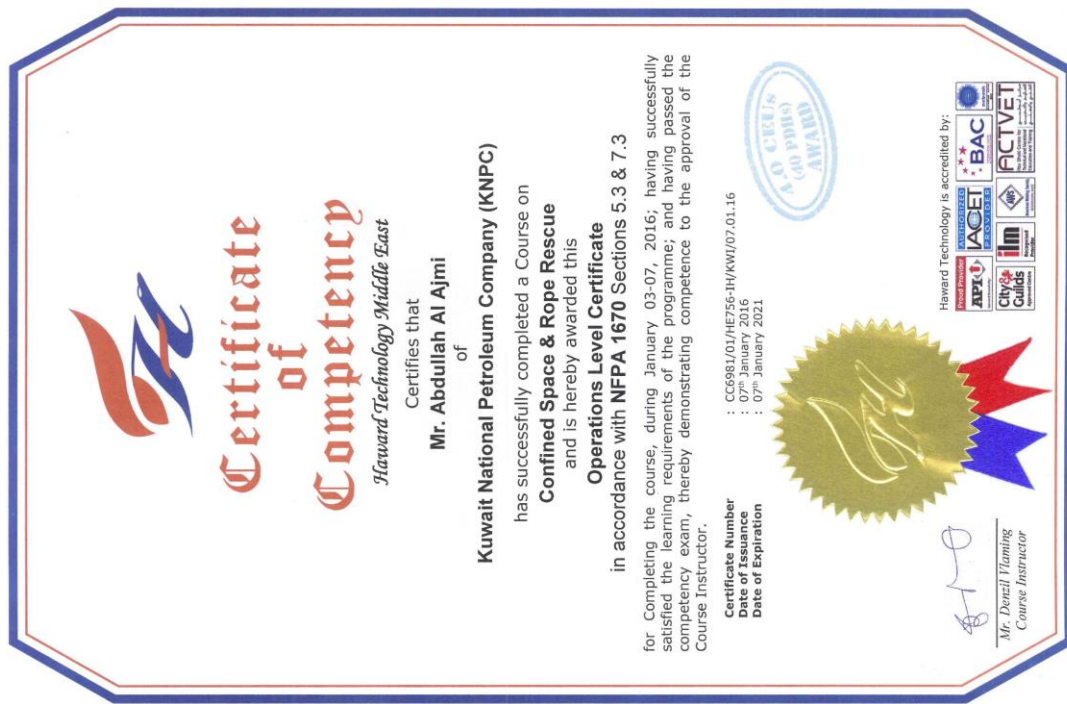
Course Certificate(s)

(1) Internationally recognized Competency Certificates and Plastic Wallet Cards 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:-



- (1) 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.

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Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

CEUs

CEU Official Transcript of Records

TOR Issuance Date: 27-Jul-17

HTME No. PAR213203

Participant Name: Jamal Al Sebaie

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE758(KN1)-3D-IH	Rope Access	July 25-27, 2017	19.5	1.95

Total No. of CEU's Earned as of TOR Issuance Date **1.95**

TRUE COPY



Maricel De Guzman
Academic Director

Haward Technology is an Authorized Training Provider by the International Association for Continuing Education and Training (IACET), 11130 Sunrise Valley Drive, Suite 350 Reston, VA 20191, 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:-

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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.

Accommodation

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

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 **35 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 **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.

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. This rate includes H-STK® (Howard 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

0730 – 0745	<i>Registration & Coffee</i>
0745 – 0800	<i>Welcome & Introduction</i>
0800 – 0815	PRE-TEST
0815 – 0930	Safety Precautions
0930 – 0945	<i>Break</i>
0945 – 1130	Knots
1130 – 1230	Regulations Overview
1230 - 1245	<i>Break</i>
1245 – 1330	Rope Analysis
1330 – 1420	Equipment
1420 – 1430	Recap
1430	<i>Lunch & End of Day One</i>

Day 2

0730 – 0930	Anchoring & Rigging
0930 – 0945	<i>Break</i>
0945 – 1130	Safety Line Belay
1130 – 1230	Belaying a Falling Load
1230 - 1245	<i>Break</i>
1245 – 1330	Patient Packaging
1330 – 1420	Tied Full-Body Harnesses
1420 – 1430	Recap
1430	<i>Lunch & End of Day Two</i>

Day 3

0730 – 0930	<i>Mechanical Advantage</i>
0930 – 0945	<i>Break</i>
0945 – 1130	<i>Lowering Systems</i>
1130 – 1230	<i>Hauling Systems</i>
1230 – 1245	<i>Break</i>
1245 – 1330	<i>Litter Rigging</i>
1330 – 1420	<i>Low Point Litter-Pick & Pivot</i>
1420 – 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Three</i>

Day 4

0730 – 0930	<i>Tripod Operations</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Rescue from Fall Protection</i>
1100 – 1230	<i>Helicopter Operations Awareness</i>
1230 – 1245	<i>Break</i>
1245 – 1420	<i>Incident Command Overview</i>
1420 – 1430	<i>Recap</i>
1430	<i>Lunch & End of Day Four</i>

Day 5

0730 – 0930	<i>Priority Action Plan Development</i>
0930 – 0945	<i>Break</i>
0945 – 1030	<i>OSHA Con Space Awareness</i>
1030 – 1230	<i>Elevated Rescue Scenarios</i>
1230 – 1245	<i>Break</i>
1245 – 1300	<i>Con Space Scenarios (Non-IDLH)</i>
1300 – 1315	<i>Course Conclusion</i>
1315 – 1415	COMPETENCY EXAM
1415 – 1430	<i>Presentation of Course Certificates</i>
1430	<i>Lunch & End of Course</i>

Practical Sessions

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



Rope Rescue Operations

Course Coordinator

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