

COURSE OVERVIEW HE0167(OA1)
Airside Safety

Course Title
 Airside Safety

Course Date/Venue
 Session 1: April 28-May 02, 2025/Fujairah Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE
 Session 2: October 26-30, 2025/Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE



Course Reference
 HE0167(OA1)

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.



Airside Safety is critical for ensuring safe operations in areas where helicopters and fixed-wing aircraft support offshore platforms, remote drilling sites and refinery logistics. Strict aviation safety protocols, risk assessments and regulatory compliance are essential to prevent accidents during takeoff, landing and ground handling.



Key safety measures include runway and helipad inspections, fuel quality control, aircraft maintenance, and emergency response planning. Personnel working in airside areas must follow strict personal protective equipment (PPE) requirements, radio communication protocols and hazard awareness training to mitigate risks such as jet blast, rotor wash and fuel spills.

Adhering to ICAO, IATA and industry-specific aviation safety standards, along with regular drills and audits, ensures safe and efficient air operations, minimizing downtime and enhancing logistical support for oil and gas facilities.

During this interactive course, participants will learn the signs, markers, markings, lighting and aeronautical information services (AIS); the aerodrome safety requirements and obstacle clearance limit (OCL); the apron control management, visual aids navigation and AIP overview; the safety management system, VDGS, passengers boarding bridges (PBB), NOTAM issuing, MRO, ATC and meteorology; the ground power and pre-conditional air, aircraft fuelling overview and push back and towing; and the optical landing system (OLS) and cargo operation.

Course Objectives

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

- Apply and gain a basic knowledge on airside operation
- Review signs, markers, markings, lighting and aeronautical information services (AIS)
- Identify aerodrome safety requirements and obstacle clearance limit (OCL) overview
- Discuss apron control management, visual aids navigation and AIP overview
- Implement safety management system
- Define VDGS, passengers boarding bridges (PBB), NOTAM issuing, MRO, ATC and meteorology
- Describe ground power & pre conditional air, aircraft fuelling overview and push back & towing
- Apply optical landing system (OLS) and employ cargo operation

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Howard 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 intended for airside staff who are working in runway area.

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 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

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**. 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**.

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 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 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. Peter Christian is an **International Expert** in **Safety, Health, Environmental and Quality** with over **30 years** of practical and industrial experience in **NEBOSH International General Certificate in Occupational Health & Safety, Lifting & Rigging Equipment HAZOP, HAZWOPER, HAZMAT, HAZCOM, PHA (Process Hazard Analysis), FMEA, HAZID, ISO 14001, OHSAS 18001, ISO 9001, Process Safety Management (PSM), Safety, Health, Environmental & Quality Management (SHEQ), Behavioral Safety Management, Industrial Hygiene, Human Factors Engineering, Risk Assessment, Fire Fighting, Rope Rescue Operations, Emergency Response** within process industries. He is currently the **President of NKWE** and spearheads the companies major projects and business ventures, where he specializes in the areas of **SHEQ solutions, ISO, Quality Control and OSHA systems**. Previously, he has had much on-hand experience in the initiation and management of projects (technical as well organizational development) including involvement in **design of process plants; the commissioning & decommissioning of process plants; the operational and financial responsibility for large process operations; risk management; operational and maintenance management, crisis and emergency management, accident investigation, risk assessment, hazard identification and emergency preparedness & response** (oil spillage and gas explosions).

Much earlier in his career, Mr. Christian was a **HAZOP Team Leader** for numerous **HAZOP** studies and he has further managed the **Health, Safety & Environmental and Quality** requirements of a large process company. This included responsibilities as an auditor for compliance against **SHEQ standards, ISO standards** and the **Fatal Risk Control Protocols**. He then facilitated the development and implementation of the above standards as a group and at site level as part of the SHEQ council. Moreover, he established, trained and led a Rope rescue team and a high level emergency care clinic and ambulance service for many years. He still abseils recreationally and leads adventure groups during abseiling activities and serves as a rescue team member for mountain and water emergencies.

During his career life, Mr. Christian has gained his practical and field experience through his various significant positions as the **Plant Manager, Project Metallurgist, Metallurgist, HSE Team Leader, SHEC Superintendent, Mentor, Instructor/Trainer, Acting Technical Manager, Process Plant Superintendent, Acting Project Leader, Acting Plant Superintendent, Appointed Health & Safety & Environmental Superintendent, Production Technician, Acting Senior Shiftsman, Foreman and Learner – Official Extraction Metallurgy** from various companies such as the **NKWE Consulting, SAMANCOR, Middleburg Mine Services (Pty) Ltd., Koomfontein Mines, Emelo Mine Services, Gencor Group and South African Defence Force**.

Mr. Christian has a **Postgraduate Studies in Advanced Executive Programme** and a **National Higher Diploma (NHD) & a National Diploma in Extraction Metallurgy**. He is also a **Certified/Registered Tutor** in **NEBOSH International General Certificate, Certified Auditor** in **OHSAS 18001, ISO 14001 & ISO 9001, a Certified Instructor/Trainer, a Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)**, a **Six Sigma Black Belt Coach** and holds a Certificate in Facilitate Learning Using a Variety of Given Methodologies **NQF Level 5 (EDTP-SETA)** as a **Certified Facilitator**. He has further delivered innumerable courses, trainings, workshops and conferences 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

0730 - 0745	Registration & Coffee
0745 - 0800	Welcome & Introductions
0800 - 0815	PRE-TEST
0815 - 0930	Signs, Markers, Marking & Lighting
0930 - 0945	Break
0945 - 1100	Aeronautical Information Services (AIS)
1100 - 1215	Aerodrome Safety Requirements & Obstacle Clearance Limit (OCL) Overview
1215 - 1230	Break
1230 - 1430	Apron Control Management Overview
1430	Lunch & End of Day One

Day 2

0730 - 0900	Visual Aids Navigation/Nav Aids Overview
0900 - 0915	Break
0915 - 1100	Safety Management System Overview
1100 - 1215	Aerodrome Manual - AIP Overview
1215 - 1230	Break
1230 - 1430	VDGS Overview
1430	Lunch & End of Day Two

Day 3

0730 - 0900	Passengers Boarding Bridges (PBB)
0900 - 0915	Break
0915 - 1100	Ground Power & Pre Conditional Air
1100 - 1215	Aircraft Fuelling Overview
1215 - 1230	Break
1230 - 1430	Push Back & Towing
1430	Lunch & End of Day Three

Day 4

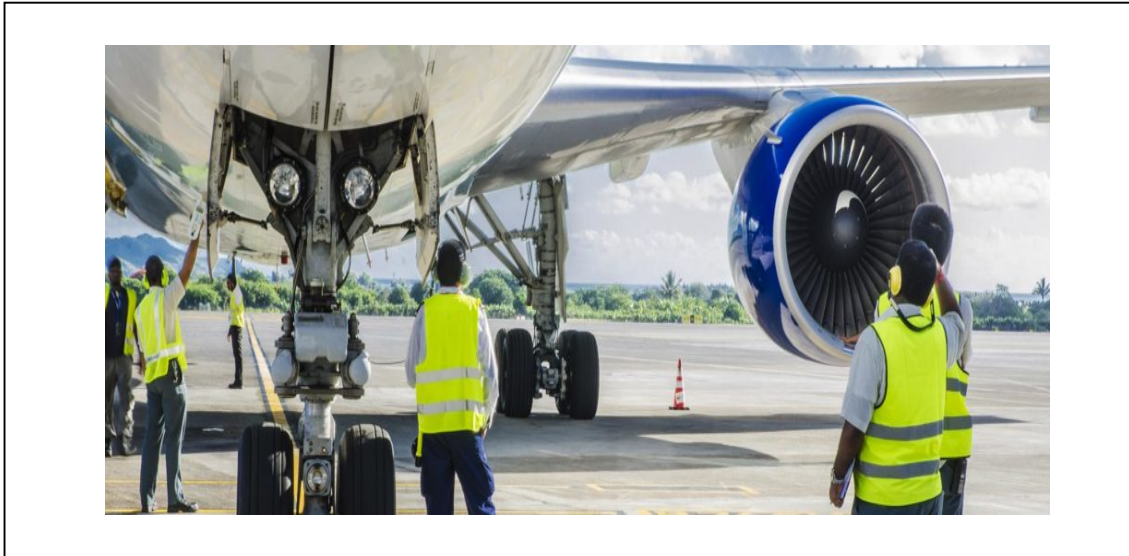
0730 - 0900	NOTAM Issuing Overview
0900 - 0915	Break
0915 - 1100	Airside Vehicles Guidance
1100 - 1215	MRO Overview
1215 - 1230	Break
1230 - 1430	ATC Overview
1430	Lunch & End of Day Four

Day 5

0730 – 0930	<i>Meteorology Overview</i>
0930 – 0945	<i>Break</i>
0945 – 1100	<i>Optical Landing System (OLS) Overview</i>
1100 – 1215	<i>Optical Landing System (OLS) Overview (Cont'd)</i>
1215 – 1230	<i>Break</i>
1230 – 1400	<i>Cargo Operation Overview</i>
1400 – 1415	POST TEST
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:-



Course Coordinator

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