COURSE OVERVIEW HE0803
Certificate in Applied Fire Risk Assessment

Course Title
Certificate in Applied Fire Risk Assessment

Course Date/Venue
Session 1: March 29-April 02, 2026/Crowne Meeting Room, Crowne Plaza Al Khobar, an IHG Hotel, Al Khobar, KSA
Session 2: July 19-23, 2026/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE

Course Reference
HE0803

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

Course Description

This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using one of our state-of-the-art simulators for applied fire risk assessment.

Fire risk assessment is the foundation for all the fire precautions in the workplace. When considering fire risk assessment, it is useful to understand the definition of fire hazard. A fire hazard has two components balanced against each other, one is the possibility of a fire occurring and the other is the magnitude of consequences of that fire.

This course is designed to provide delegates with detailed and up-to-date overview of applied fire risk assessment. It covers the fire safety management framework; legislative requirements; fire theory, principle causes and prevention of fire.

Further, the course will also discuss the fire protection in buildings; introduction to the principles of smoke control, fire engineering and environmental issue; arson and its prevention; human behavior; the principles and methodologies of fire rissk assessment; fire risk assessment in action; practical exercises and practical fire risk assessment; and a fire risk assessment in the workplace is required to complete the course.

By the end of the course, participants will be able to underpin knowledge relevant to fire safety NOS FS1, FS2, FS3 and FS7; understand the fundamental principles of fire prevention and protection measures and raise awareness of the vast range of topics involved in fire safety management; recognize the principal workplace fire hazards, associated risks and passive and active means available to mitigate fire; apply the principles and methodology of fire risk assessment; explore the process and apply knowledge through a number of practical activities.

Course Objectives

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

- Apply and gain a comprehensive knowledge on applied fire risk assessment
- Describe fire safety management framework
- Identify the legislative requirements, fire theory, principle causes and prevention of fire
- Implement fire protection in buildings
- Recognize the principles of smoke control, fire engineering and environmental issue
- Explain arson and its prevention and human behavior
- Apply the principles and methodologies of fire risk assessment
- Perform fire risk assessment in action
- Carryout practical exercises, practical fire risk assessment and fire risk assessment in the workplace

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 applied fire risk assessment for fire engineers and those individuals who require an intensive yet broad-ranging introduction to the key principles of fire prevention, fire protection and fire risk assessment.

Accommodation

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

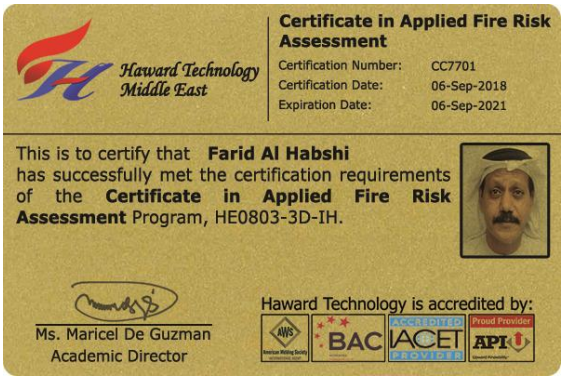
Course Certificate(s)

(1) Internationally recognized 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:-



(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

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Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 06-Sep-18

HTME No. PAR15500

Participant Name: Kafil Al Shammari

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE0803-3D-IH	Certificate in Applied Fire Risk Assessment	September 04-06, 2018	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 has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102, 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

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:

Mr. Raymond Tegman is a **Senior HSE Consultant** with extensive experience within the **Oil & Gas**, **Petrochemical** and **Refinery** industries. His broad expertise widely covers in the areas of **Rigging** Safety Rules, Machinery & Hydraulic **Lifting Equipment**, Handling **Hazardous Chemicals**, Spill Containment, **Fire** Protection, **Fire** Precautions, **Incidents & Accidents** Reporting, **HSEQ** Audits & Inspection, **HSEQ** Procedures, **Environmental** Awareness, **Waste** Management Monitoring, **Emergency Planning**, **Emergency** Management, **Working at Heights**, **Root Cause Analysis**, **HSE** Rules & Regulations, Process Safety Management (**PSM**), Process Hazard Analysis (**PHA**), Techniques, **HAZOP**, **HSE** Risk, **Pre-Start-up Safety** Reviews, **HSE Risk** Identification, Assessments & Audit, **HSE Risk** Assessment & Management Concepts, **HSE Management** Policy & Standards, **HSSE Emergency Response & Crisis Management** Operations, **Confined Space Entry**, **Quantitative Risk Assessment** (**QRA**), Hazardous Materials & Chemicals Handling, Safety Precaution & Response Action Plan, **Hazard & Risk** Assessment, Task Risk Assessment (**TRA**), **Incident Command**, **Accident & Incident Investigation**, **Emergency Response Procedures**, Job Safety Analysis (**JSA**), Behavioural Based Safety (**BBS**), **Fall Protection**, **Work Permit & First Aid**, Lock-out/Tag-out (**LOTO**), **Emergency Response**, **Construction** Supervision, **Scaffolding** Inspection, **HAZCHEM**, Manual Material Handling, **Road Traffic** Supervision, ISO 9001 and OHSAS 18001.

During his career life, Mr. Tegman has gained his practical and field experience through his various significant positions and dedication as the **Operations Manager**, **Safety & Maintenance Manager**, **Safety Manager**, **Road/Traffic Supervisor**, **Assessor/Moderator**, **Safety Consultant**, **Safety Advisor**, **Safety Officer** and **Liaison Officer** from Zero Harm, SHRA Training & Services (Health & Safety), Road Crete, Balwin Property Development, DEME International, Gladstone Australia, Godavari Gas Pipeline and New Castle NCIG.

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

Al Khobar	**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.
Dubai	**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 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 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Fire Safety Management Framework***
0930 – 0945	*Break*
0945 – 1100	***Legislative Requirements***
1100 – 1230	***Fire Theory, Principle Causes & Prevention of Fire***
1230 – 1245	*Break*
1245 – 1420	***Fire Theory, Principle Causes & Prevention of Fire (cont'd)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2

0730 – 0900	***Fire Protection in Buildings***
0900 – 0915	*Break*
0915 – 1030	***Fire Protection in Buildings (cont'd)***
1030 – 1200	***Introduction to the Principles of Smoke Control, Fire Engineering & Environmental Issue***
1200 – 1215	*Break*
1215 – 1420	***Introduction to the Principles of Smoke Control, Fire Engineering & Environmental Issue (cont'd)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0900	***Arson & its Prevention***
0900 – 0915	*Break*
0915 – 1100	***Arson & its Prevention (cont'd)***
1100 – 1215	***Human Behaviour***
1215 – 1230	*Break*
1230 – 1420	***Human Behaviour (cont'd)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

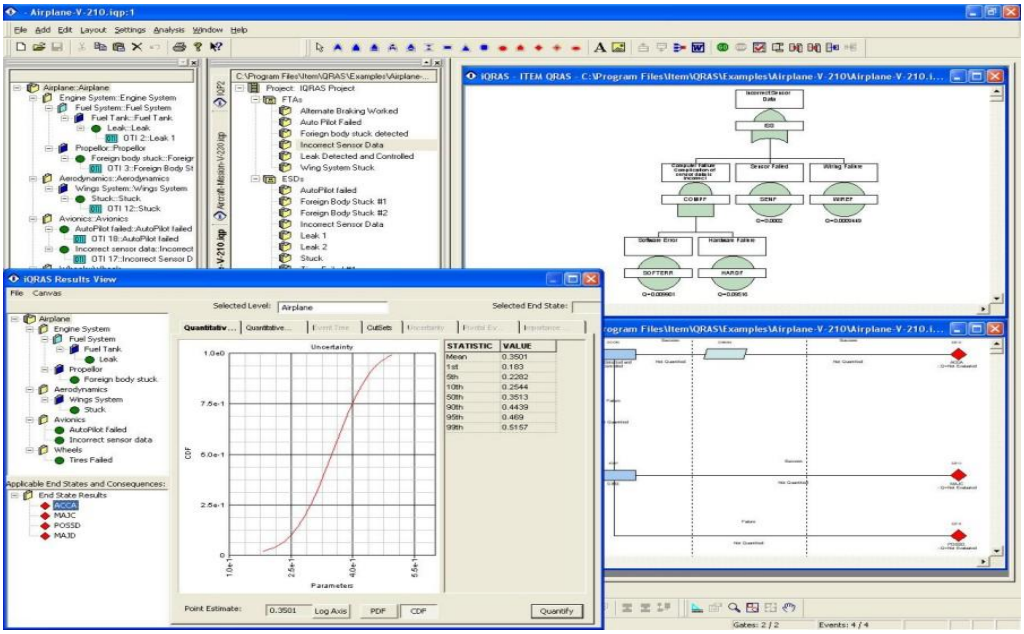
0730 – 0930	***The Principles & Methodologies of Fire Risk Assessment***
0930 – 0945	*Break*
0945 – 1100	***The Principles & Methodologies of Fire Risk Assessment (cont'd)***
1100 – 1215	***Fire Risk Assessment in Action***
1215 – 1230	*Break*
1230 – 1420	***Fire Risk Assessment in Action (cont'd)***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

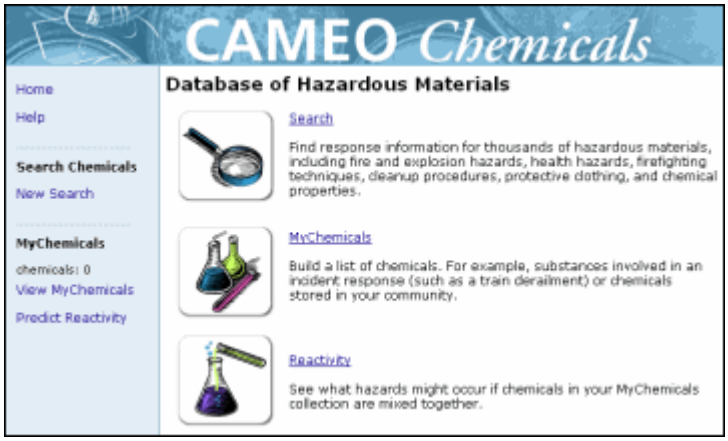
0730 – 0930	***Practical Exercises & Practical Fire Risk Assessment***
0930 – 0945	*Break*
0945 – 1100	***Practical Exercises & Practical Fire Risk Assessment (cont'd)***
1100 – 1215	***A fire Risk Assessment in the Workplace***
1215 – 1230	*Break*
1230 – 1300	***A fire Risk Assessment in the Workplace (cont'd)***
1300 – 1315	***Course Conclusion***
1315 – 1415	***COMPETENCY EXAM***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

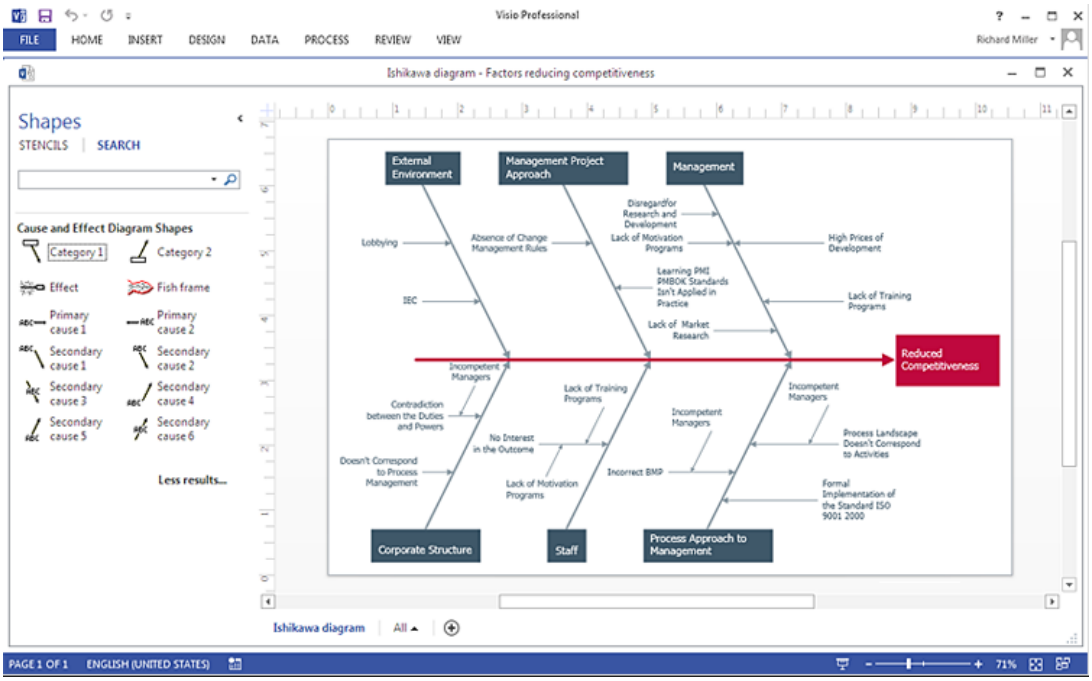
Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art "QRA", "CAMEO", "Visio Software", "Mindview Software" and "Workplace Risk Assessment" simulators.



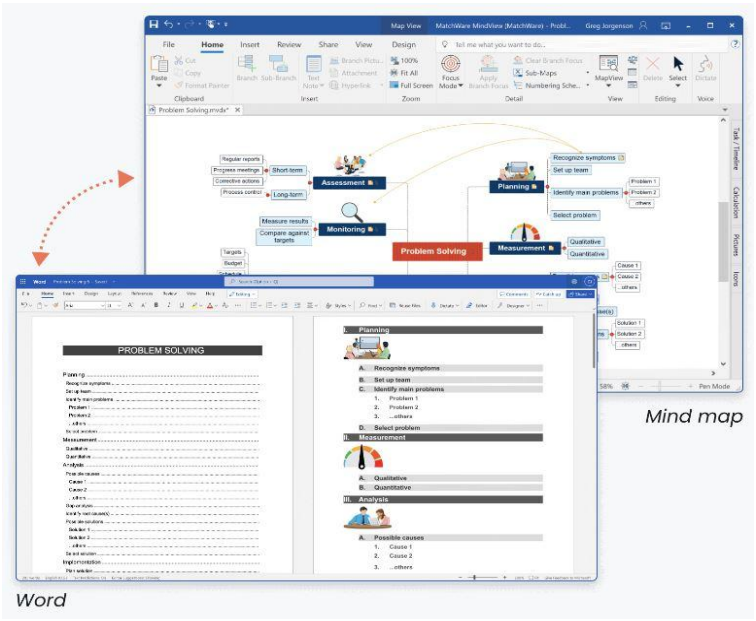
QRA System Simulator



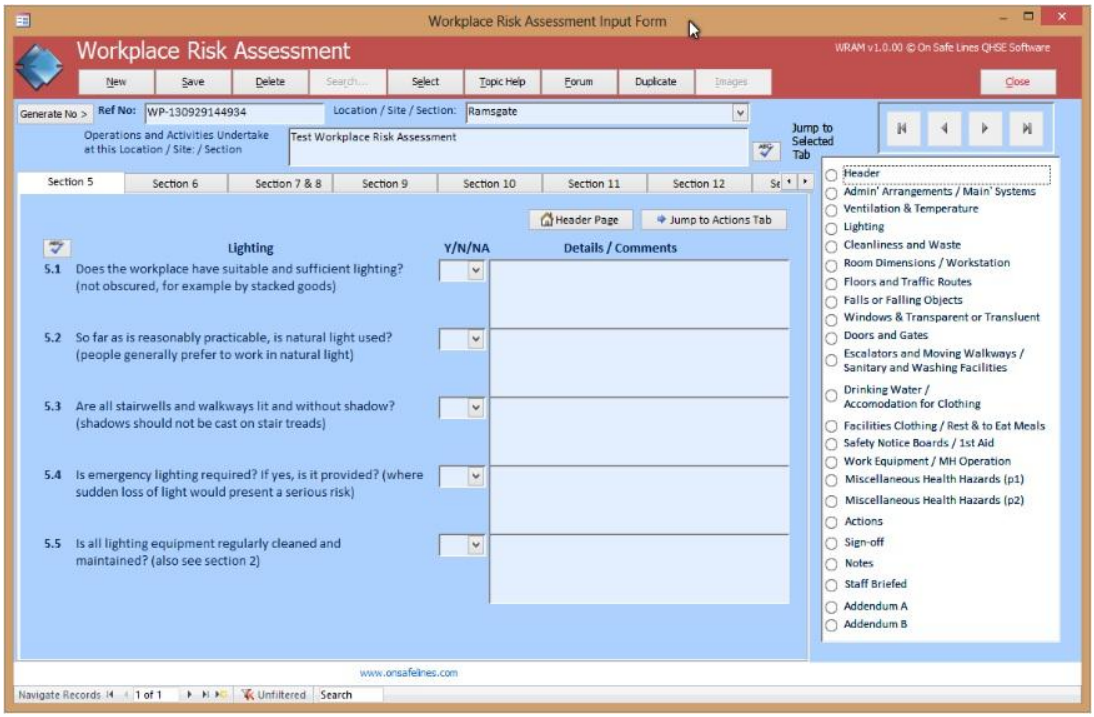
CAMEO Chemicals Suite Simulator



Visio Software



Mindview Software



Workplace Risk Assessment

Course Coordinator

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