COURSE OVERVIEW HE0060
Certified Health & Safety

Course Title
Certified Health & Safety

Course Date/Venue
October 04-08, 2026/Sales Lounge at Lobby Floor, JS Luwansa Hotel and Convention Center, Jakarta, Indonesia

Course Reference
HE0060

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.

This comprehensive course is designed to meet the stringent HSE requirements in the twenty-one century. It will address the proper HSE techniques and management required by the world-class Oil, Gas, Petrochemical, Refineries and Power companies.

The course will cover the safety awareness; safe working environment; industrial safety and its role in the workplace; key hazards that exist for employees in a hazardous industrial setting; methods to reduce the chance of injury or death at the workplace; safety methods and their effectiveness; the need for industrial accident prevention and safety procedures; and understanding of the factors which contributed to and cause hazardous conditions.

Participants of the course will be able to apply a good knowledge of accident analysis, procedures and investigations; develop an understanding of the essential elements of safety organizational procedures; investigate activities and practices which are used to develop safe working procedures and habits; carryout safety standards; and investigate safety legislation as it pertains to industrial applications.

Further, the course will also discuss the environmental management systems and ISO 14000 series; the hazardous waste management and pollution control; the potential sources of pollution in and around your plant; the technologies and systematic techniques in preventing contamination/pollution; and how to plan and deal with environmental emergencies.

Course Objectives/Outcomes & Benefits for the Participants

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

- Apply a good working knowledge on occupational health, safety and environment (HSE)
- Demonstrate knowledge of a safe working environment
- Define industrial safety and describe its role in the workplace
- Identify key hazards that exist for employees in a hazardous industrial setting
- List and describe methods to reduce the chance of injury or death at the workplace
- Compare different safety methods and their effectiveness
- Correctly answer questions based on the assigned readings
- Recognize the need for industrial accident prevention and safety procedures
- Develop an understanding of the factors which contribute to and cause hazardous conditions
- Apply a good knowledge of accident analysis, procedures and investigations
- Develop an understanding of the essential elements of safety organizational procedures
- Investigate activities and practices which are used to develop safe working procedures and habits
- Apply a good working knowledge of safety standards
- Investigate safety legislation as it pertains to industrial applications
- Discuss environmental management systems and the ISO 14000 series
- Identify potential sources of pollution in and around your plant
- Apply the technologies and systematic techniques in preventing contamination/pollution and in handling hazardous waste materials and preventing pollution
- Carryout how to plan for and deal with environmental emergencies

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 occupational health, safety and environment for those who are working in hazardous areas like refineries, petrochemical plants, gas processing units, gas gathering units, gas transportation terminals, hazardous material factories, waste management operations, Oil/Gas complex (Onshore/Offshore) and power plants. Engineers, health and safety section heads, managers, superintendents, supervisors, foremen and other personnel in the above-mentioned industries will definitely benefit from the practical approach of this course.

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.

Course Fee

US$ 7,000 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)

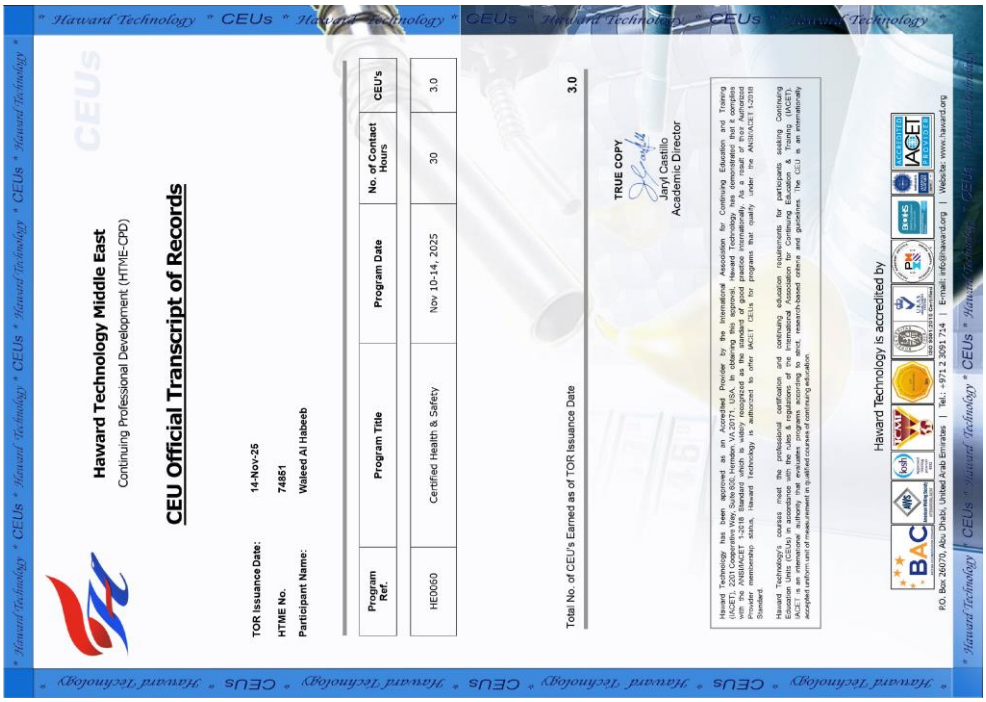
(1) Internationally recognized Competency Certificates will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

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.



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. John Burnip, EHS, SAC, STS, NEBOSH-ENV, NEBOSH-IGC, NEBOSH-IFC, NEBOSH-PSM, NEBOSH-IOG, TechIOSH, is a **NEBOSH Approved Instructor** and a **Senior HSE Consultant** with over **30 years** of practical **Offshore & Onshore** experience within **Oil**, **Gas**, **Refinery**, **Petrochemical** and **Nuclear** industries. His wide experience covers **NEBOSH** International General Certificate in Occupational Health & **Safety**, **NEBOSH** National Certificate in Construction Health & Safety, **NEBOSH** Certificate in Process Safety Management, **NEBOSH** Environmental Management Certificate, **NEBOSH** Certificate in Fire Safety, **NEBOSH** International Oil & Gas Certificate, **PHA**, **HAZOP**, **HAZCOM**, **HAZMAT**, **HAZID**, **Hazard & Risk Assessment**, **Emergency Response Procedures** Behavioural Based Safety (**BBS**), **Confined Space Entry**, **Fall Protection**, **Emergency Response**, H_2S, Safety Management System (**ISO 45001**), **Accident/Incident Investigation** System and Report PSM, **Risk Assessment**, **SCE FMEA Failure Investigations**, Site Management Safety Training (**SMSTS**), **Occupational Health & Safety and Industrial Hygiene, Crisis Management & Damage Control** in Oil & Gas Industry, **Enhancing HSSE Safety Performance & Effectiveness**, **Overhead & Gantry Crane Safety**, **HSSE Principles & Practices Advanced**, **Lifting & Rigging Equipment** Lifting Tackles Inspection License/Relicense, **Advanced Process Safety Management** with PHA, **Quantitative and Qualitative Risk Assessment**, IADC/API **Mobile Drilling Rig Inspections**, **Maintenance and Audits**, Project HSE Management System, Health & Hygiene Inspection, PTW Control, Process Modules Fire & Gas Commissioning, MSDS, Ergonomics, Lockout/Tagout, Fire Safety & Protection, Spill Prevention & Control, **Scaffolding** Labelling, **Pre-fab Scaffolding**; Erecting, Maintaining & Dismantling **Scaffolding** in accordance with the **British Standards Code of Practice 5973**; **Heavy Lifting** operations, Cantilevered Hoists, **Offshore** Operations, **Offshore** Construction, Basic **Offshore Safety** Induction & Emergency Training (BOSIET), **Onshore** Fabrication & **Offshore** Pipelaying & Hook-Up, **Crane** Inspection, **Crane** Operations, Oilfield Startup & Operation, Steel Fabrication, OSHA, **ISO 9001**, **ISO 14001**, **OHSAS 18001** and **IMO** (**SOLAS**) Regulations. Mr. Burnip has greatly contributed in upholding the highest possible levels of safety for numerous International Oil & Gas projects, Generation Systems & Platform Revamp, LPG & Gas Compression, Marine, Offshore and Power Plant Construction. Currently, he is the **HSE Advisor** of Solvay wherein he is responsible in planning and implementation of the corporate safety program (OSHA codes).

During Mr. Burnip's long career life, he had successfully carried out numerous projects in **Europe**, **North America**, **South America**, **Southeast Asia**, **Middle East** and the **North Sea**. He had worked for Delta Offshore Group, Solvay Asia Pacific, Likpin Dubai, SADRA/DOT, **ZADCO**, **McDermott** International (USA, Qatar, Egypt, India, Oman, Dubai and Abu Dhabi), **PDO**, **Shell**, **ARAMCO**, Salman Field, Leman Offshore Gas Field, GEC, Harland & Wolff PLC Belfast in North Ireland, Howard Doris – Kishorn in Scotland, **Westinghouse** Electric in Brazil and South Korea and **Chevron** Oil in Scotland as the **Commissioning Project Engineer**, **Project & Safety Engineer**, **Estimating Engineer**, **Senior Instrument Engineer**, **Instrument Field Engineer**, **Lead Instrument Engineer**, **Instrument Engineer**, **Engineer**, **Emergency Response Training Manager**, **HSE Advisor**, **HSE Instructor**, **HSE Supervisor**, **Instrumentation Supervisor**, **Instrumentation Specialist**, **Project Coordinator**, **Instrumentation Technician** and **Tank Farm Instrumentation Technician**.

Mr. Burnip has a **Bachelor's** degree in **Business Studies** from the **Somerset University** (**UK**). He is a **Certified/Registered Tutor** in **NEBOSH Certificate in Environmental Management**, **NEBOSH International General Certificate**, **NEBOSH International Certificate in Fire Safety & Risk Management**, **NEBOSH Process Safety Management Certificate** and **NEBOSH International Oil & Gas Certificate**; a **Certified Safety Auditor** (SAC); a **Certified ISO 45001** Auditor; an **Environmental Health and Safety Management Specialist** on Fall Protection, Elevated Structures, Material Handling, Trenching & Excavations; a Welding Brazing Safety Technician; a **Certified Safety Administrator** (**CSA**) - General Industry; a **Safety Manager/Trainer** – General Industry; a **Petroleum Safety Manager** (**PSM**) - Drilling & Servicing; a **Petroleum Safety Specialist** (**PSS**) - Drilling & Servicing; a **Safety Planning Specialist**; a **Safety Training Specialist**; a **Certified Instructor/Trainer**; a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management** (**ILM**) and further holds a Certificate in **Mechanical Engineering Craft Practice** from the **City & Guilds of London Institute**; a **NEBOSH Level 3** Construction Certificate (UK); and holds a **Cambridge Teaching Certificate**. He is a well-regarded member of the **National Association of Safety Professionals**, the **Association of Cost Engineers** (**UK**), **Institution of Occupational Safety & Health** (**TechIOSH**) and an **Associate Member** of **World Safety Organization**. Further, he has conducted innumerable trainings, workshops and conferences worldwide.

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, 04th of October 2026***

0830 – 0845	*Registration & Coffee*
0845 – 0900	*Welcome & Introduction*
0900 – 0915	***PRE-TEST***
0915 – 1000	***Safety Awareness*** *What is Safety • The Absolutes of Safety • The Philosophy of Safety • Reasons for Safety • Safety Consciousness • First Conclusions*
1000 – 1030	*Break*
1030 – 1115	***Safety Management*** *Individual Responsibility and Accountability • Start Safety with the Hiring • A Supervisor's Responsibility in Accident Prevention • The Responsibility of Management in Safety • Safety Management Strategy • Safety Action Plan • Hazard Identification • Hazardous Agencies • Gravity, Loss of Balance*
1115 – 1200	***Safety Management (cont'd)*** *Falling or Projected Objects and Projectiles • Manual Handling • Hand Tools • Moving Parts of Machinery, Plant and Apparatus • Vehicles (Track and Free Moving) • Fire • Explosions (Pressure, Chemical, Dust) • Chemical Assault • Contaminated Atmosphere (Includes Oxygen Deficiency*
1200 – 1230	*Break*
1230 – 1420	***Safety Management (cont'd)*** *Biological Assault • Animal Assault (Including Human) • Drowning • Natural Phenomena Storm, Wind, Ice, Fog, Heat, Cold, Lightning • Radiation Assault (Including Noise and Vibration) • Electricity • Low Ambient Pressure • Not Elsewhere Specified • Summaries of Agencies Causing Injuries to People*
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2: ***Monday, 05th of October 2026***

0830 - 1000	***Safety Management (cont'd)*** *Hazard Assessment • Frequency Rating • Severity Rating • Frequency Ratings Summary • Training On and Off the Job • Safety Meetings • Drill • Exercise*
1000 – 1030	*Break*
1030 – 1115	***Accident Causation + Prevention*** *What is an Accident • The Pre-Accident Situation • 'Safe Place' Strategies*
1115 – 1200	***Principles of Occupational Health*** *Safe Systems of Work • People • Equipment • Materials • Environment • Place of Work*
1200 – 1230	*Break*
1230 – 1350	***Principles of Occupational Health (cont'd)*** *Requirements • Information Sources • Job Descriptions • Legal Requirements • Manufacturing Instructions and Informations • Accident Statistics*
1350 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3: Tuesday, 06th of October 2026

0830 - 1000	***Principles of Occupational Health (cont'd)*** *Task Analysis • Job Safety Analysis • Initial Job Safety Analysis • Total Job Safety Analysis • Permit to Work systems • Requirements*
1000 – 1030	*Break*
1030 – 1115	***Principles of Occupational Health (cont'd)*** *The System in Operation • Operation of the Permit to Work System • Cancellation of Permit to Work • Return to Service • Training • Administrative Procedures for Permits to Work*
1115 – 1200	***Safety Monitoring & Audits*** *Effective Monitoring • Monitoring Outline • Declaration of Intent • Selection and Briefing of Auditors • Preparation of an Audit Plan • Conduct of Audit*
1200 – 1230	*Break*
1230 – 1350	***Safety Monitoring & Audits (cont'd)*** *Audit Report • Review of Audit Finings • Action • Follow up • Effective Safety Auditing • International Safety Rating Program Elements*
1350 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4: Wednesday, 07th of October 2026

0830 - 1000	***Accident & Complaint Investigation*** *Which Accidents should be Investigated? ● Practical Accident Investigation ● The Investigators*
1000 – 1030	*Break*
1030 – 1115	***Accident & Complaint Investigation (cont'd)*** *Safety Representatives ● Insurance Company Surveyor ● Legal Representative*
1115 – 1200	***Accident & Complaint Investigation (cont'd)*** *Enforcing Authority ● The Outcome of Accident Investigation*
1200 – 1230	*Break*
1230 – 1350	***Communication (General Principles)*** *General Principles ● Brevity ● Methods of Communication*
1350 – 1430	***Recap***
1430	*Lunch & End of Day Four*

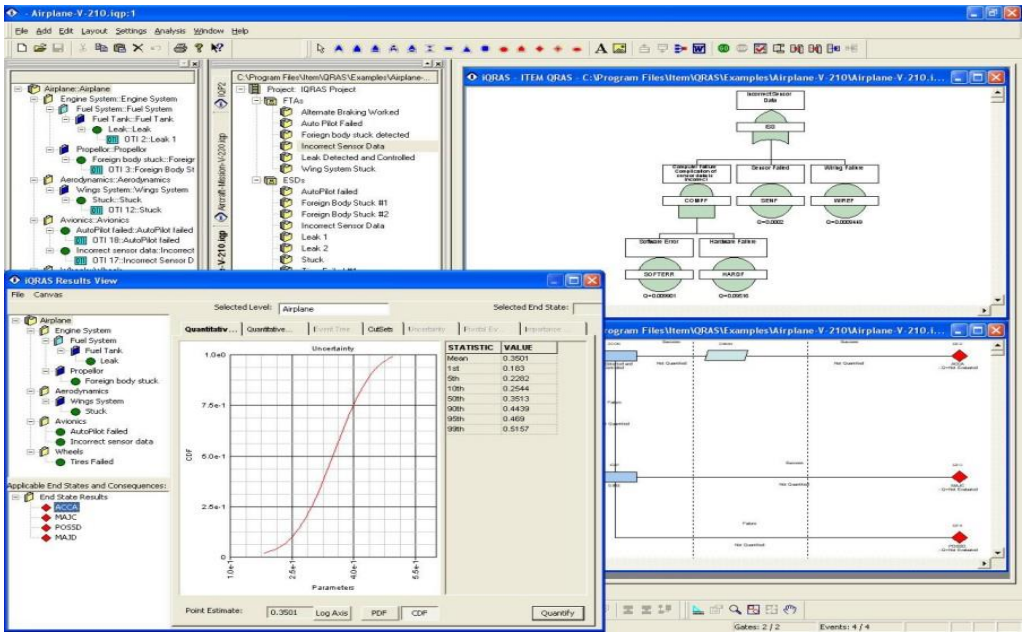
Day 5: Thursday, 08th of October 2026

0830 – 0930	***Introduction to Environmental Management Systems & ISO 14000 Series***
0930 – 1030	***Hazardous Waste Management & Pollution Control*** *Pollution Control Theory ● Cleaner Technologies ● Pollution Control Techniques*
1030 – 1115	*Break*
1115 – 1200	***Pollution/Contamination Prevention Procedures*** *Pollution Reduction Zones ● Decontamination & Emergency Procedures*
1200 – 1230	*Break*

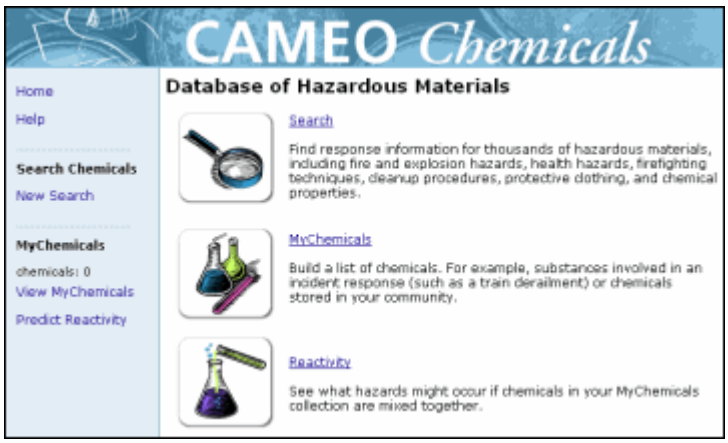
1230 – 1245	***Contingency Planning*** *Dealing with Spillage ● Dealing with Release of Hazardous Substances into the Atmosphere*
1245 - 1300	*Open Forum*
1300 - 1315	***Course Conclusion***
1315 - 1330	*Presentation of Course Certificates*
1330 - 1430	***COMPETENCY EXAM***
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

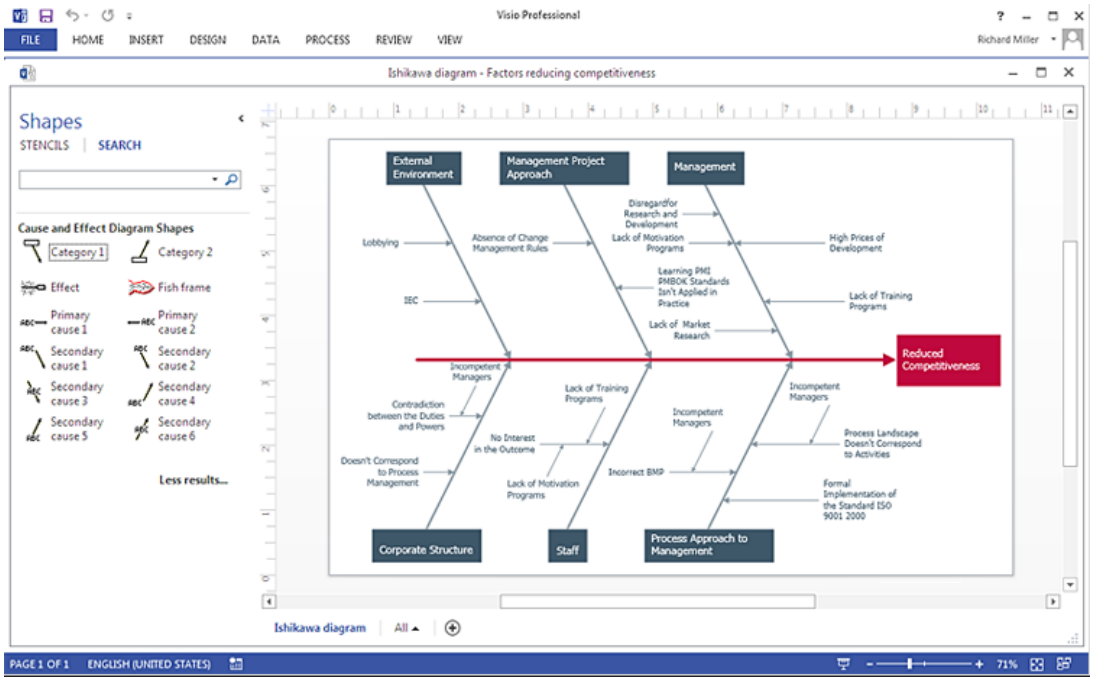
Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art "QRA", "CAMEO", "Visio" and "Mindview" simulators.



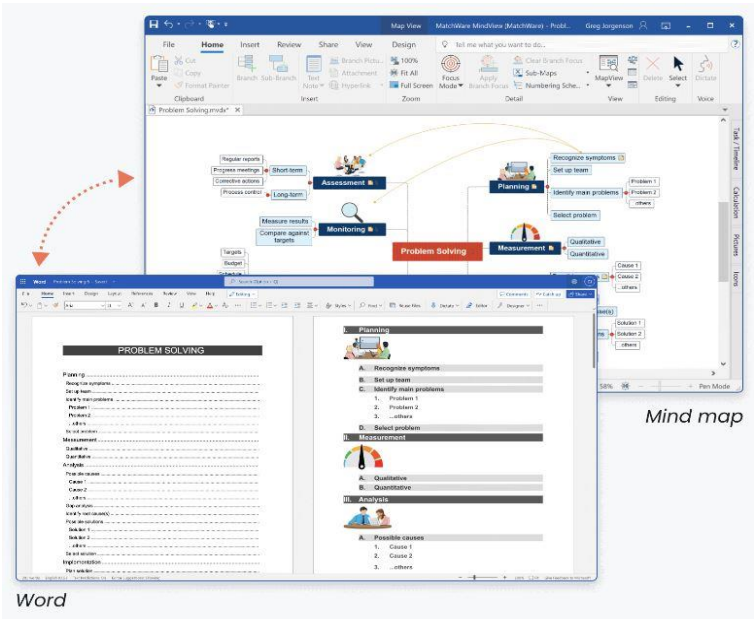
QRA System Simulator



CAMEO Chemicals Suite Simulator



Visio Software



Mindview Software

Course Coordinator

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