COURSE OVERVIEW HE1170

Certified Safety Professional (CSP®)

BCSP-CSP Exam Preparation Training

Course Title
Certified Safety Professional (CSP®) BCSP-CSP Exam Preparation Training

Course Date/Venue
October 12-16, 2025/TBA Meeting Room, Crowne Plaza Hotel, Jeddah, Jeddah, KSA

Course Reference
HE1170

3.0 CEUs (30 PDHs) AWARD

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 our state-of-the-art simulators.

This course is designed to provide participants with a detailed and up-to-date overview of Certified Safety Professionals (CSP) – (Certified). It covers the core concepts in safety, health, environment and security; the risk identification techniques and collecting safety and health data; the environmental and security data collection, industrial hygiene principles, risk assessment methodologies and health hazard evaluation; the environmental risk assessment, security risk assessment, fire and explosion risk assessment and tools for data analysis and interpretation; the elements of an effective safety program and leading and lagging indicators management; and the incident reporting, corrective action tracking and behavior-based safety (BBS) systems.

Further, the course will also discuss the health risk management strategies and environmental risk management strategies; the emergency response, preparedness management and security program management; defining and measuring safety culture; the safety leadership principles, coaching for safety improvement and employee engagement strategies; the physical and chemical hazards and mechanical and electrical hazards; and the radiation, biological hazards, ergonomics and human factors.

During this interactive course, participants will learn the construction safety management, transportation and fleet safety management; the legal and ethical aspects of safety practice; the auditing and inspections, continuous improvement methodologies, setting and measuring KPIs and safety performance reporting; designing effective safety training programs and the risk communication strategies; the adult learning principles and evaluation of training effectiveness; and the key safety standards (ANSI, NFPA, ISO), systems approach to risk control, hierarchy of controls and management of change (MOC) process.

Course Objectives

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

- Get prepared for the next CSP exam and have enough knowledge and skills to pass such exam to get the Certified Safety Professional (CSP) certification from the Board of Certified Safety Professionals (BCSP)
- Discuss the core concepts in safety, health, environment and security and apply risk identification techniques and collecting safety and health data
- Carryout environmental and security data collection, industrial hygiene principles, risk assessment methodologies and health hazard evaluation
- Employ environmental risk assessment, security risk assessment, fire and explosion risk assessment and tools for data analysis and interpretation
- Identify the elements of an effective safety program and apply leading and lagging indicators management, incident reporting and corrective action tracking and behavior-based safety (BBS) systems
- Apply health risk management strategies, environmental risk management strategies, emergency response and preparedness management and security program management
- Define and measure safety culture, discuss safety leadership principles and apply coaching for safety improvement and employee engagement strategies
- Identify physical and chemical hazards, mechanical and electrical hazards, radiation and biological hazards and ergonomics and human factors
- Employ construction safety management, transportation and fleet safety management and legal and ethical aspects of safety practice
- Carryout auditing and inspections, continuous improvement methodologies, setting and measuring KPIs and safety performance reporting
- Design effective safety training programs and apply risk communication strategies, adult learning principles and evaluation of training effectiveness
- Review key safety standards (ANSI, NFPA, ISO) and apply systems approach to risk control, hierarchy of controls and management of change (MOC) process

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

The course provides an overview of all significant aspects and considerations of safety management for safety professionals seeking advanced certification in their field.

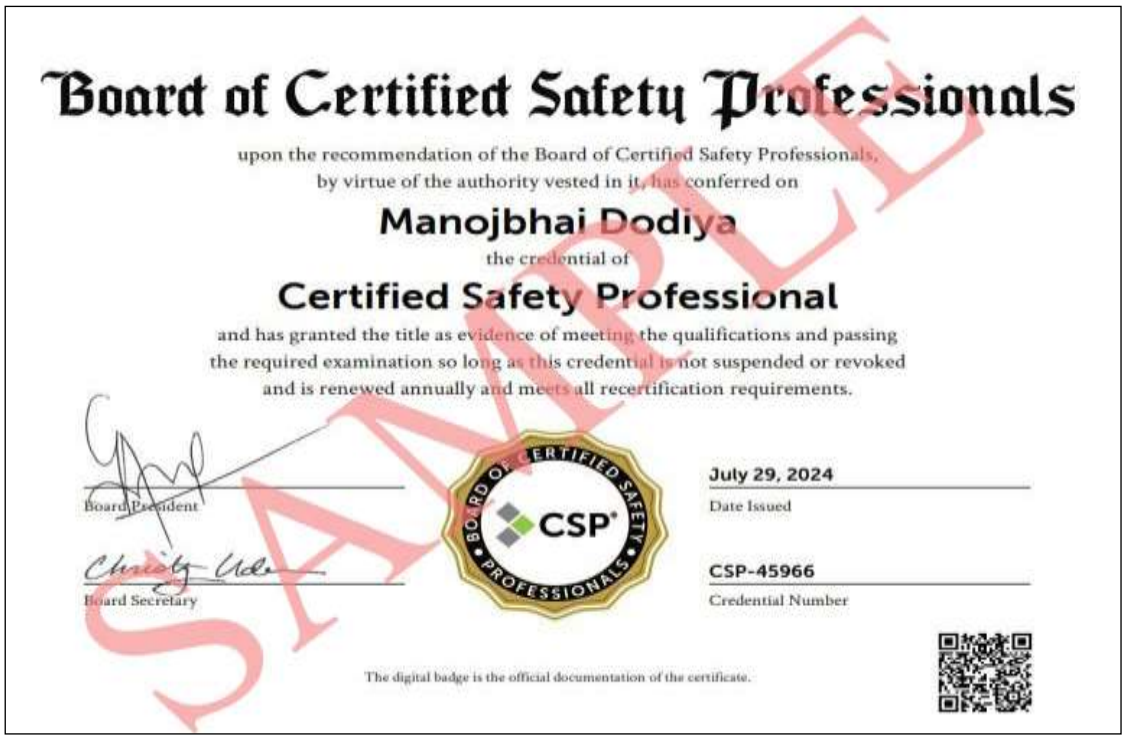
Eligibility Requirements

Academic Requirement	Experience Requirement	BCSP-Approved Credential Requirement *(Applicant must hold one of the following credentials at the time they apply for the CSP)*
All individuals applying for the CSP must have a bachelor's degree or higher in any field from an accredited institution or an associate in safety, health, or the environment. The associate degree must include at least four courses with at least 12 semester hours/18 quarter hours of study in the safety, health, or environmental domains covered in the ASP and CSP examination blueprints.	• CSP candidates must have four years of professional safety experience to sit for the CSP exam. Professional safety experience must meet the following criteria to qualify: • Professional safety must be the primary function of the position. Collateral duties in safety are not counted. • The position's primary responsibility must be the prevention of harm to people, property, or the environment, rather than responsibility for responding to harmful events. • Professional safety functions must be at least 50% of the position duties. BCSP defines full-time as at least 35 hours per week. Part-time safety experience is allowed if the applicant has the equivalent of at least 900 hours of professional safety work during any year (75 hours per month or 18 hours per week) for which experience credit is sought • The position must be at a professional level. This is determined by evaluating the degree of professional charge by which there is a reliance of employees, employers or clients on the person's ability to identify, evaluate and control hazards through engineering and/or administrative approaches. • The position must have breadth of professional safety duties. This is determined by evaluating the variety of hazards about which the candidate must advise and the range of skills involved in recognizing, evaluating, and controlling hazards	• Associate Safety Professional (ASP)** • Graduate Safety Practitioner (GSP) • Transitional Safety Practitioner (TSP)** • Certified Industrial Hygienist® (CIH®) • Chartered Member of the Institution of Occupational Safety and Health (CMIOSH)** • Canadian Registered Safety Professional (CRSP)** • Professional Certificate in Safety and Occupational Health, U.S. Army Combat Readiness Center (ACRC) (formerly "CP-12")** • Certified Safety Engineer (CSE), as administered by the State Administration of Work Safety (SAWS), People's Republic of China (PRC)** • Master in Occupational Safety and Health, International Training Centre of the International Labour Organization (ITC-ILO)** • NEBOSH National or International Diploma in Occupational Health and Safety** • Professional Member of the Singapore Institution of Safety Officers (SISO)** • Diploma/Certificate in Industrial Safety, as issued by the State Government Departments Boards of Technical Education, Government of India**

** Credential offered by BCSP*
*** Must meet eligibility requirements when pursuing CSP*

BCSP-CSP Certificate(s)

(1) BCSP-CSP certificates will be issued to participants who successfully passed the BCSP-CSP exam



Board of Certified Safety Professionals

upon the recommendation of the Board of Certified Safety Professionals, by virtue of the authority vested in it, has conferred on

Manojbhai Dodiya

the credential of

Certified Safety Professional

and has granted the title as evidence of meeting the qualifications and passing the required examination so long as this credential is not suspended or revoked and is renewed annually and meets all recertification requirements.

Board President

Board Secretary

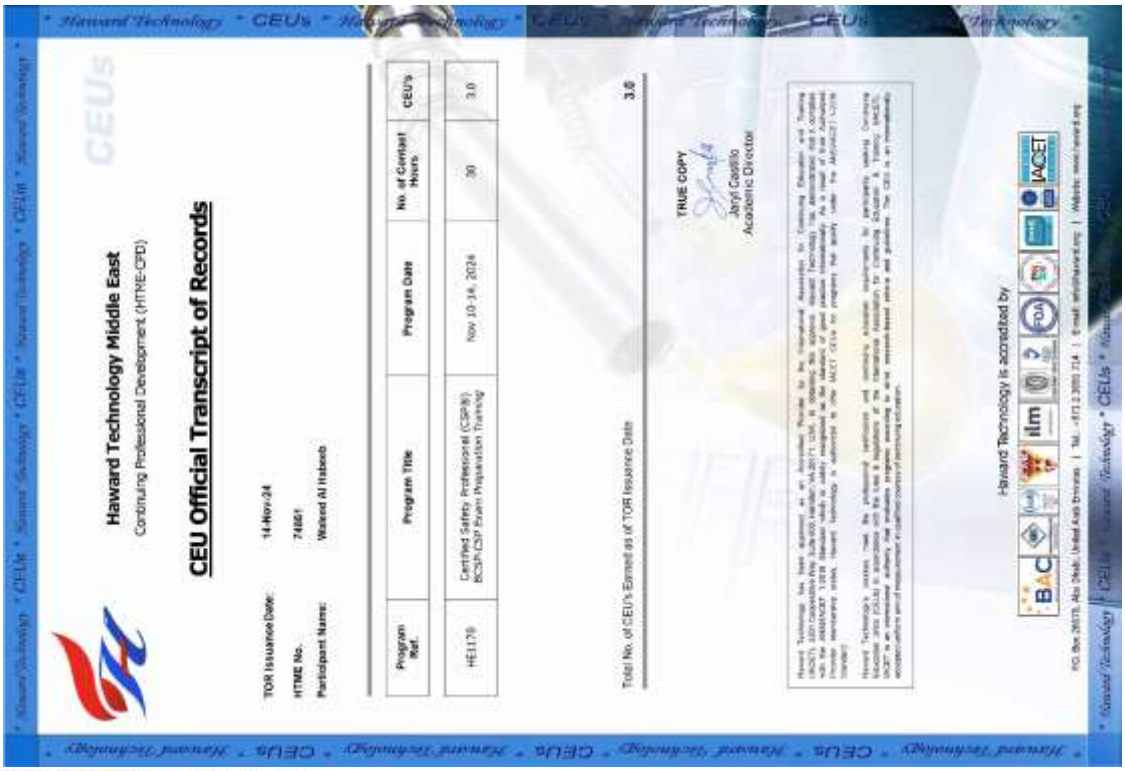
July 29, 2024
Date Issued

CSP-45966
Credential Number

The digital badge is the official documentation of the certificate.

SAMPLE

(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-24
HTME No. 74851
Participant Name: Waleed Ali Habeeb

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE1170	Certified Safety Professional (CSP®) BCSP-CSP Exam Preparation Training	Nov 10-14, 2024	30	3.0

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

TRUE COPY
Jaryl Cerbito
Academic Director

Haward Technology is accredited by

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:

Dr. Majed Mustafa, PhD, MSc, BSc, ASNT (RT-PT-MT & UT), SMRP-CMRP, is a **Senior HSE Consultant** with **extensive years** of experience within **the Power & Water Utilities** and other **Energy Sectors**. His expertise widely covers in the areas of 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**), Certified Safety Professional (**CSP**), **Incident Command**, Job Safety Analysis (**JSA**). Further he is also well versed in **Maintenance Management** Best Practices, **Rotating Equipment** Reliability Optimization, **Maintenance Planning & Scheduling**, Practical **Machinery Vibration**, **Vibration** Techniques, Effective **Reliability Maintenance**, Excellence in **Maintenance & Reliability** Management, **Preventive & Predictive Maintenance**, Machinery Failure Analysis (**RCFA**), **Reliability** Optimization & Continuous Improvement, **Maintenance** Planning, Scheduling & Work Control, **Seals**, **Valves**, **Dry Seal**, **Fired Heaters**, **Air Coolers**, **Crude Desalter**, **Process Vessels**, Gas Transmission & Piping Distribution System (**ASME B31.8**), **Cathodic Protection**, **Welding** Technology, **Material Selection** Codes & Standards, **Pipe Stress** Analysis, **Boiler Plant** Operation, **Mechanical** Engineering, **Piping**, **Pipelines**, **Lubrication** Technology, **Vibration** Analysis, **Power System Hydraulics**, **Security Detection** Systems & Operation, **Process Plant** Equipment and Troubleshooting **Process Operations**.

During his career life, Dr. Majed has gained his expertise and thorough practical experience through several positions and dedication as the Acting **Department Head**, **Section Head Projects Engineer**, **Mechanical Engineer, Reliability Maintenance Engineer** and **Mechanical Supervisor** for various international companies and institutions such as the Gulf of Suez Petroleum Co. (GUPCO), British Petroleum (BP), BETROBEL, **KNPC**, SAIPEM Engineering, Natural Gas Pipeline, TRACTEBEL Engineering, Suez and TransGas Company to name a few. He also worked as **Mechanical/NDT Supervisor** wherein he was responsible for executing the scheduled inspections for welding, coating, pipeline, painting, hydrotest of pipeline & piping and fabrication and assembly.

Dr. Majed has **PhD** and **Master's** degree in **Mechanical Production Engineering** and a **Bachelor's** degree in **Mechanical Power Engineering**. Further, he is a **Certified Instructor/Trainer**, a **Certified ASNT Level II Inspector** in Radiography Testing (**RT**), Liquid Penetrant Testing (**PT**), Magnetic Particle Testing (**MT**) and Ultrasonic Testing (**UT**), a **Certified Maintenance and Reliability Professional** (**CMRP**) from the Society of Maintenance & Reliability Professionals (**SMRP**), **published numerous academic papers** and delivered various trainings, courses, workshops, seminars and conferences worldwide.

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.

Training Fee

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.

Exam Fee

US$ 680 per Delegate + **VAT**.

Accommodation

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

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	***Introduction to CSP Certification & BCSP Domains*** *Overview of BCSP and CSP Certification Requirements • Examination Blueprint and Content Outline • Candidate Eligibility and Application Process • Exam Preparation Strategy*
0930 – 0945	*Break*
0945 – 1030	***Core Concepts in Safety, Health, Environment & Security*** *Definitions and Key Terminology • Roles and Responsibilities of CSPs • Integrated SHE Management Systems • Regulatory Framework Overview (OSHA, EPA, NFPA)*
1030 – 1130	***Risk Identification Techniques*** *Hazard Recognition Methods • Job Hazard Analysis (JHA) Fundamentals • Task-Based Risk Identification • Near-Miss Reporting as a Data Source*
1130 – 1215	***Collecting Safety & Health Data*** *Incident and Accident Investigation Data • Workplace Observation Programs • Occupational Illness & Injury Data Collection • Employee Feedback and Perception Surveys*
1215 – 1230	*Break*

1230 – 1330	***Environmental & Security Data Collection*** *Environmental Monitoring (Air, Water, Soil) • Noise and Chemical Exposure Assessments • Security Threat Assessments • Emergency Preparedness Audits*
1330 – 1420	***Industrial Hygiene Principles*** *Routes of Exposure • Chemical and Physical Agent Sampling Techniques • Monitoring Instrumentation Basics • Understanding Exposure Limits (PEL, TLV, REL)*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2: Monday, 13th of October 2025

0730 – 0830	***Risk Assessment Methodologies*** *Qualitative versus Quantitative Assessments • Risk Matrices and Prioritization • Exposure Assessment Process • Risk Analysis Documentation*
0830 – 0930	***Health Hazard Evaluation*** *Ergonomic Risk Assessment • Noise Risk Assessments • Indoor Air Quality Risk Assessments • Biological Hazard Evaluations*
0930 – 0945	*Break*
0945 – 1100	***Environmental Risk Assessment*** *Environmental Impact Assessment (EIA) Principles • Spill and Contamination Risk Evaluation • Waste Management Risk Considerations • Sustainability and Lifecycle Analysis*
1100 – 1215	***Security Risk Assessment*** *Threat and Vulnerability Analysis • Physical Security Assessment • Security Breach Impact Assessment • Business Continuity Considerations*
1215 – 1230	*Break*
1230 – 1330	***Fire & Explosion Risk Assessment*** *Flammable Materials Hazard Review • Fire Load Calculations • Explosion Risk Zones (ATEX, NEC Classifications) • Fire Protection System Adequacy Assessments*
1330 – 1420	***Tools for Data Analysis & Interpretation*** *Statistical Methods for SHE Data Interpretation • Trend Analysis and Predictive Analytics • Benchmarking Techniques • Root Cause Analysis (RCA) Fundamentals*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Two*

Day 3: Tuesday, 14th of October 2025

0730 – 0830	***Safety Program Management*** *Elements of an Effective Safety Program • Leading and Lagging Indicators Management • Incident Reporting and Corrective Action Tracking • Behavior-Based Safety (BBS) Systems*
0830 – 0930	***Health Risk Management Strategies*** *Occupational Health Programs • Medical Surveillance Planning • Hearing Conservation Programs • Industrial Hygiene Program Management*
0930 – 0945	*Break*

0945 – 1100	***Environmental Risk Management Strategies*** *Pollution Prevention Plans • Environmental Management Systems (ISO 14001) • Waste Minimization Techniques • Compliance and Reporting Management*
1100 – 1215	***Emergency Response & Preparedness Management*** *Emergency Action Plan (EAP) Development • Crisis Communication Planning • Incident Command System (ICS) Basics • Business Continuity and Recovery Plans*
1215 – 1230	*Break*
1230 – 1330	***Security Program Management*** *Access Control Management • Security Policy Development • Security Training and Awareness Programs • Integration of Security into Organizational Culture*
1330 – 1420	***Safety Culture & Leadership*** *Defining and Measuring Safety Culture • Safety Leadership Principles • Coaching for Safety Improvement • Employee Engagement Strategies*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Three*

Day 4: Wednesday, 15th of October 2025

0730 – 0830	***Physical & Chemical Hazards*** *Properties of Hazardous Materials • Flammability and Explosivity Fundamentals • Chemical Reactivity and Incompatibilities • Hazard Communication (HAZCOM) Standards*
0830 – 0930	***Mechanical & Electrical Hazards*** *Machine Safeguarding Techniques • Lockout/Tagout (LOTO) Requirements • Electrical Safety Standards (NFPA 70E) • Arc Flash Hazard Analysis*
0930 – 0945	*Break*
0945 – 1100	***Radiation & Biological Hazards*** *Ionizing and Non-Ionizing Radiation Basics • Radiation Protection Principles • Control of Biological Hazards • Bloodborne Pathogens Management*
1100 – 1215	***Ergonomics & Human Factors*** *Manual Material Handling Risk Controls • Workstation Design Considerations • Shiftwork and Fatigue Management • Cognitive Ergonomics Principles*
1215 – 1230	*Break*
1230 – 1330	***Construction Safety Management*** *Construction Risk Management Fundamentals • Fall Protection Program Development • Scaffold Safety Requirements • Crane and Lifting Operations Safety*
1330 – 1420	***Transportation & Fleet Safety Management*** *Fleet Safety Program Development • Vehicle Inspection and Maintenance Programs • Driver Safety Training Essentials • Accident Investigation and Analysis for Fleets*
1420 – 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day Four*

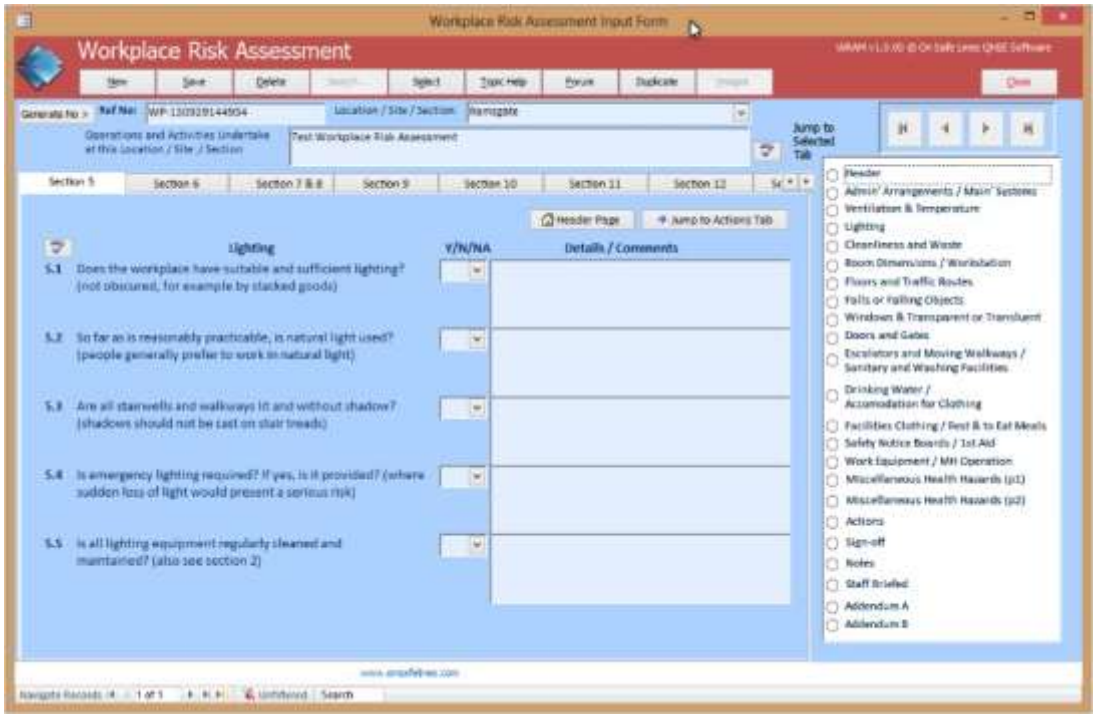
Day 5:	***Thursday, 16th of October 2025***
0730 – 0830	***Legal & Ethical Aspects of Safety Practice*** *Regulatory Framework Review (OSHA, EPA, DOT, etc.) • Legal Liability and Negligence in SHE Practice • Ethics for Safety Professionals (BCSP Code of Ethics) • Recordkeeping and Documentation Requirements*
0830 – 0930	***Performance Measurement & Improvement*** *Auditing and Inspections • Continuous Improvement Methodologies (PDCA, Six Sigma) • Setting and Measuring KPIs • Safety Performance Reporting*
0930 – 0945	*Break*
0945 – 1100	***Training & Communication for Risk Management*** *Designing Effective Safety Training Programs • Risk Communication Strategies • Adult Learning Principles • Evaluation of Training Effectiveness*
1100 – 1230	***Safety Systems & Standards Review*** *Review of Key Safety Standards (ANSI, NFPA, ISO) • Systems Approach to Risk Control • Hierarchy of Controls • Management of Change (MOC) Process*
1230 – 1245	*Break*
1245 – 1300	***Exam Simulation & Practice Questions*** *Practice Exam Session with Timed Questions • Review of Exam Question Types (Scenario-Based, Calculations) • Test-Taking Strategies and Tips • Time Management During the Exam*
1300 – 1315	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1315 – 1415	***COMPETENCY EXAM***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

MOCK Exam

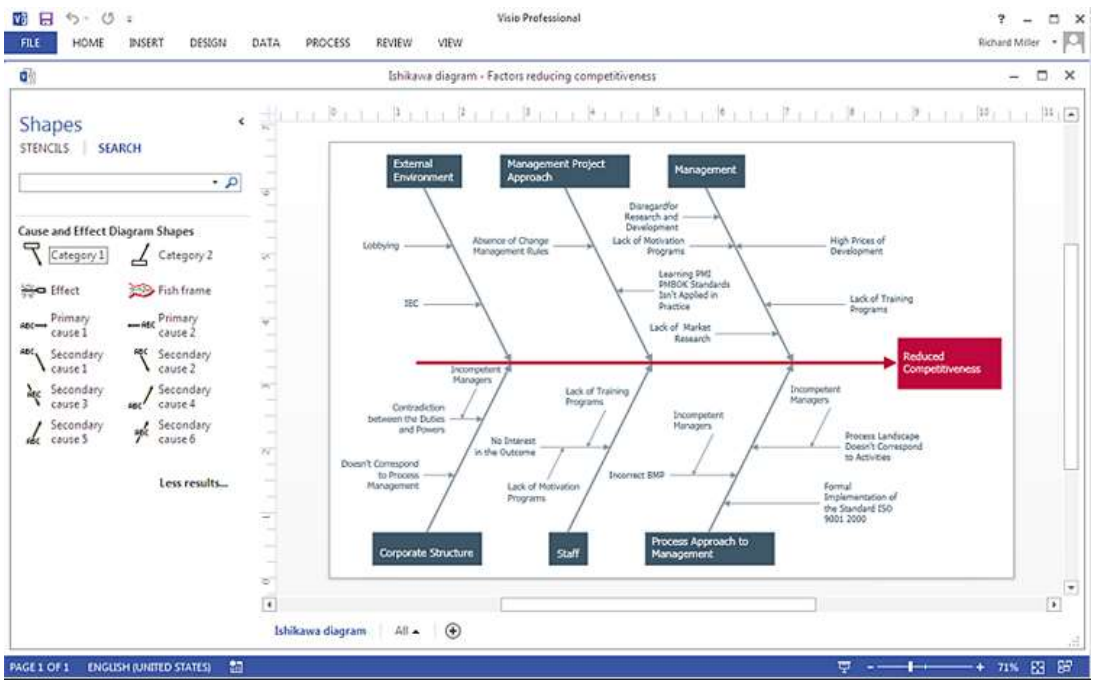
Upon the completion of the course, participants have to sit for a MOCK Examination similar to the exam of the Certification Body through Haward's Portal. Each participant will be given a username and password to log in Haward's Portal for the MOCK Exam during the 60 days following the course completion. Each participant has only one trial for the MOCK exam within this 60-day examination window. Hence, you have to prepare yourself very well before starting your MOCK exam as this exam is a simulation to the one of the Certification Body.

Simulator (Hands-on Practical Sessions)

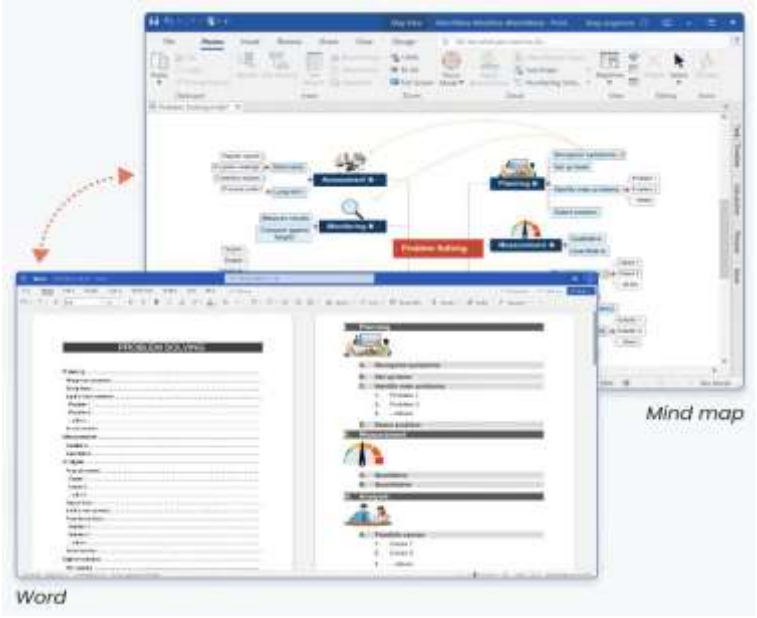
Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art “Workplace Risk Assessment”, “Visio”, “Mindview” and “QRA System” simulators.



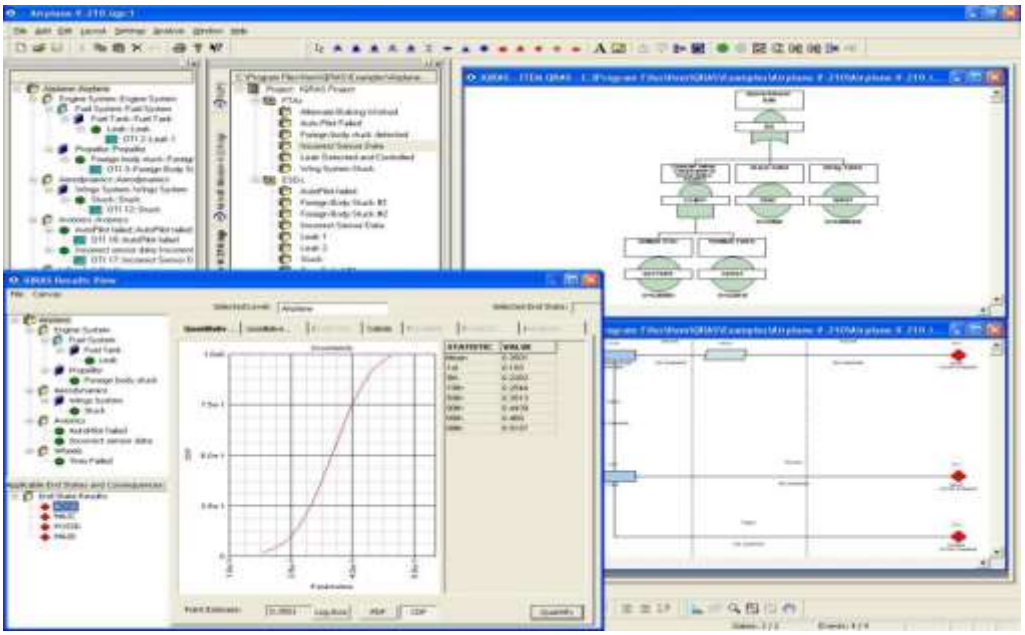
Workplace Risk Assessment



Visio Software



Mindview Software



QRA System Software

Course Coordinator

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