COURSE OVERVIEW HE2124-3D
OSHA Hazard Communication Standard (HAZCOM)

Course Title
OSHA Hazard Communication Standard (HAZCOM)

Course Date/Venue
November 23-25, 2025/Olivine Meeting Room, Fairmont Nile City, Cairo, Egypt

Course Reference
HE2124-3D

Course Duration/Credits
Three days/1.8 CEUs/18 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 OSHA Hazard Communication Standard (HAZCOM). It covers the OSHA HAZCOM standard, key regulatory frameworks, hazard classification and written hazard communication program; the labels and labeling requirements, safety data sheets (SDS) and GHS pictograms; reading and interpreting SDS; the hazardous chemicals in the workplace; the workplace labeling systems, secondary containers and transfer labeling, small container exemptions and challenges and best practices for maintaining legibility; the worker training requirements, employer duties under OSHA and employee responsibilities for compliance; and the supervisor/manager roles and disciplinary actions for non-compliance.

During this interactive course, participants will learn the hazard identification process, exposure assessment methods, hierarchy of controls application and documenting risk assessments; the spill response and clean-up procedures, first aid and medical response for exposure, emergency communication protocols and coordination with fire and rescue teams; the multi-employer worksites, laboratories and research facilities; the construction sites, temporary workplaces and transportation and logistics of hazardous materials; the common violations and OSHA citations; and maintaining SDS libraries and written communication program updates.

Course Objectives

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

- Apply and gain an in-depth knowledge on OSHA hazard communication standards (HAZCOM)
- Discuss OSHA HAZCOM standard, key regulatory frameworks, hazard classification and written hazard communication program
- Review labels and labeling requirements, safety data sheets (SDS) and GHS pictograms
- Read and interpret SDS and identify hazardous chemicals in the workplace
- Recognize workplace labeling systems, secondary containers and transfer labeling, small container exemptions and challenges and best practices for maintaining legibility
- Discuss worker training requirements including employer duties under OSHA, employee responsibilities for compliance, supervisor/manager roles and disciplinary actions for non-compliance
- Illustrate hazard identification process, exposure assessment methods, hierarchy of controls application and documenting risk assessments
- Apply spill response and clean-up procedures, first aid and medical response for exposure, emergency communication protocols and coordination with fire and rescue teams
- Determine multi-employer worksites, laboratories and research facilities, construction sites and temporary workplaces and transportation and logistics of hazardous materials
- Identify common violations and OSHA citations and maintain SDS libraries and written communication program updates

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 OSHA hazard communication standards (HAZCOM) for those who are dealing with hazardous materials and chemicals in the workplace such as managers, engineers and other technical staff. This course is also suitable for health, safety and environmental (HSE) personnel.

Course Fee

US$ 3,750 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

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

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 **1.8 CEUs** (Continuing Education Units) or **18 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.

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:

Dr. Rawda El-Sheikh, MD, MSc, BSc, is a **Certified OSHA Instructor** and a **Senior Health**, **Safety & Environment (HSE) Consultant** with over **25 years** of extensive experience. She is well-versed in the areas of **Occupational Health** & **Safety**, **Environmental Health & Safety** Management, **Occupational Safety & Security**, **Incident Investigation & Confidential Reporting**, **Animal & Common Diseases** Diagnosis, **Sustainable Animal** Production, **Epidemiological & Transboundary Animal Disease Surveillance**, **OSHA**, **Food Safety Management**, **Food Hygiene**, **Industrial Hygiene**, **Oilfield Safety** Programs, **HAZCOM**, **HAZOP**, **HAZWOPER**, **Occupational Exposure Limits**, **Hazardous Waste Management**, **Emergency Response** Planning, **First Aid**, Associate Ergonomic Professional (**AEP**), **Ergonomic Interventions**, **Incident** & **Accident Investigation** & **Reporting**, Defensive Driving Program, **Confined Spaces** Program, **H2S Awareness**, Biological Monitoring, Air Sampling, **Risk Assessment**, **Job Safety Analysis** (**JSA**), **Scaffolding** Safety, Toxicology Surveillance, Hearing Conservation Program, **Fire Prevention** and **Control**, Nutrition Promotion, Assessment of Fitness of Workers for Work, Disability Compensation, Drug Abuse Cessation, Obesity Management, Pre-employment Medical, Periodic Medical Examination and **Quality Management**. Presently, she is the **Professor** in **Public Health** & **Industrial Medicine** of **Al-Azhar University** and a **Certified Consultant** and a **Registered Trainer** for **Food Safety** and **Occupational Health & Safety Trainer** of various International oilfield companies.

Dr. El-Sheikh is a **Certified Lead Auditor** for **ISO 22000:2005**, **OHSAS 18001:2007**, **ISO 14001:2004** from the International Registered of Certified Auditors (**IRCA**, **UK**), **Certified Safety Manager/Trainer**, **HAZWOPER Training Specialist** (**HTS**) and **Safety Planning Specialist** from the National Association of Safety Professional (**NASP**, **USA**) as well as a **NEBOSH Certified** in **International General Certificate in Occupational Safety and Health**, a **Registered Food Safety Trainer** from the National Environmental Health Association (**NEHA**, **USA**) and **Authorized OSHA Trainer** for **Construction** and for **General Safety** from the **OSHA Training Institute**, **USA**. She is also an **International Member** and an **Authorized & Approved Trainer** of **OSHA**, **NEBOSH**, **CIEH**, **ICOH**, **IASP**, **IEMA**, **IOSH** and **APHA**. Further, her vast professional experience includes facilitating **occupational**, **health**, **safety** and the **environment** aspects and continuous delivery of numerous training courses in coordination between World Health Organization (**WHO**) and Ministry of Health & Population. She has been the **Lecturer** in Public Health & Industrial Medicine and **Demonstrator** of Occupational Health & Industrial Medicine for various Universities as well as the **Public Health Trainer** for International Non-Governmental Organizations (**NGOs**), the **Consulting Editor** at **the Journal of Psychology** (**USA**) and **Field & Central Supervisor** for the Ministry of Health.

Dr. El-Sheikh has a **Doctor of Medicine** (**MD**) in **Occupational Health & Industrial Medicine**, has a **Master's** degree in **Occupational Medicine** (**MSc**), a **Bachelor's** degree in **Medicine & Surgery** (**MBBCh**) and a **Diploma Certificate** in **Total Quality Management** from the **American University**. Further, she is a **Certified Instructor/Trainer**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management** (**ILM**), an **Approved Food Safety Person in Charge (Level 1-4)** by **Dubai Municipality** (**DM**) and has participated in various international conferences and **published numerous papers** and **journals** 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 Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: ***Sunday, 23rd of November 2025***

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Introduction to OSHA HAZCOM Standard*** *Purpose & Objectives of the Standard • OSHA's Right-to-Know Rule • Worker & Employer Responsibilities • Scope of Applicability Across Industries*
0930 – 0945	*Break*
0945 – 1030	***Key Regulatory Frameworks*** *OSHA 29 CFR 1910.1200 Requirements • Alignment with UN Globally Harmonized System (GHS) • Federal vs. State Enforcement • International Considerations*
1030 – 1130	***Hazard Classification*** *Definition of Physical Hazards • Health Hazards Under HAZCOM • Mixtures & Complex Substances • Manufacturer Responsibilities in Classification*
1130 – 1215	***Written Hazard Communication Program*** *Required Program Elements • Roles & Responsibilities in Implementation • Methods of Communication in the Workplace • Common Gaps & Compliance Challenges*
1215 – 1230	*Break*
1230 – 1330	***Labels & Labeling Requirements*** *OSHA versus GHS Label Elements • Product Identifier & Signal Word • Hazard & Precautionary Statements • Pictogram Requirements & Usage*
1330 – 1420	***Safety Data Sheets (SDS) Overview*** *16-Section SDS Format • Transition from MSDS to SDS • Critical Information for Workers • Access & Availability Requirements*
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, 24th of November 2025

0730 – 0830	***Understanding GHS Pictograms*** *Health Hazard Pictogram • Flame, Corrosion, and Environment Pictograms • Exclamation Mark & Skull and Crossbones • Training Workers to Recognize Symbols*
0830 – 0930	***Reading & Interpreting SDS*** *Section 1–8: Identification & Hazard Details • Section 9–11: Physical & Toxicological Properties • Section 12–16: Environmental, Disposal, & Regulatory Data • Real Case Examples of SDS Interpretation*
0930 – 0945	*Break*
0945 – 1100	***Hazardous Chemicals in the Workplace*** *Identifying Chemicals Requiring SDS • Hazard Inventories & Chemical Lists • Physical versus Health Hazard Examples • Hidden Risks (Cleaning Agents, Solvents, etc.)*
1100 – 1215	***Container Labeling Practices*** *Workplace Labeling Systems (HMIS, NFPA, GHS) • Secondary Containers & Transfer Labeling • Small Container Exemptions & Challenges • Best Practices for Maintaining Legibility*
1215 – 1230	*Break*
1230 – 1330	***Worker Training Requirements*** *Initial Training versus Refresher Training • Training for New Hazards or Chemicals • Methods: Classroom, Toolbox Talks, E-Learning • Evaluation of Training Effectiveness*
1330 – 1420	***Responsibilities & Accountability*** *Employer Duties Under OSHA • Employee Responsibilities for Compliance • Supervisor/Manager Roles • Disciplinary Actions for Non-Compliance*
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*

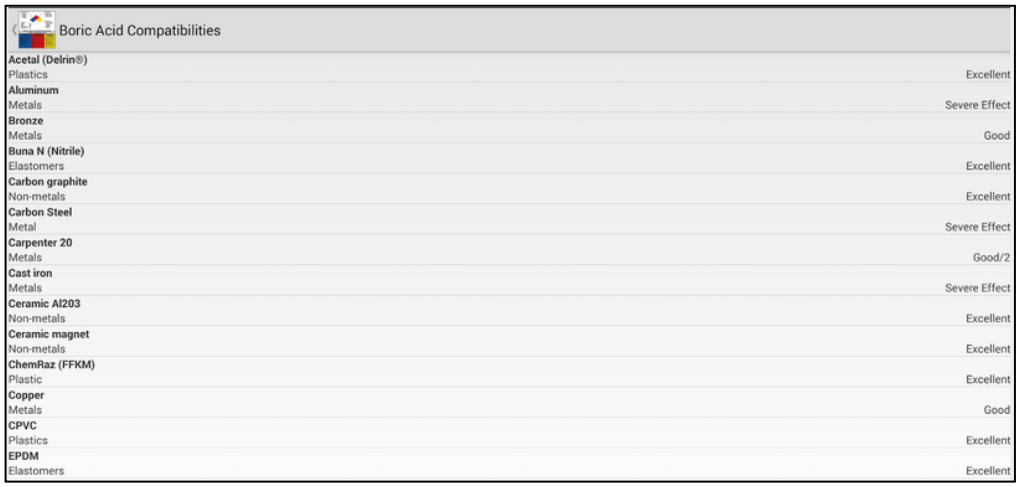
Day 3: Tuesday, 25th of November 2025

0730 – 0830	***Chemical Risk Assessment*** *Hazard Identification Process • Exposure Assessment Methods • Hierarchy of Controls Application • Documenting Risk Assessments*
0830 – 0930	***Emergency Response Under HAZCOM*** *Spill Response & Clean-Up Procedures • First Aid & Medical Response for Exposure • Emergency Communication Protocols • Coordination with Fire & Rescue Teams*
0930 – 0945	*Break*
0945 – 1100	***HAZCOM in Special Work Environments*** *Multi-Employer Worksites • Laboratories & Research Facilities • Construction Sites & Temporary Workplaces • Transportation & Logistics of Hazardous Materials*
1100 – 1215	***Common Violations & OSHA Citations*** *Frequent Compliance Gaps in Industry • Examples of OSHA Citations & Fines • Lessons Learned from Enforcement Cases • Strategies for Avoiding Penalties*
1215 – 1230	*Break*

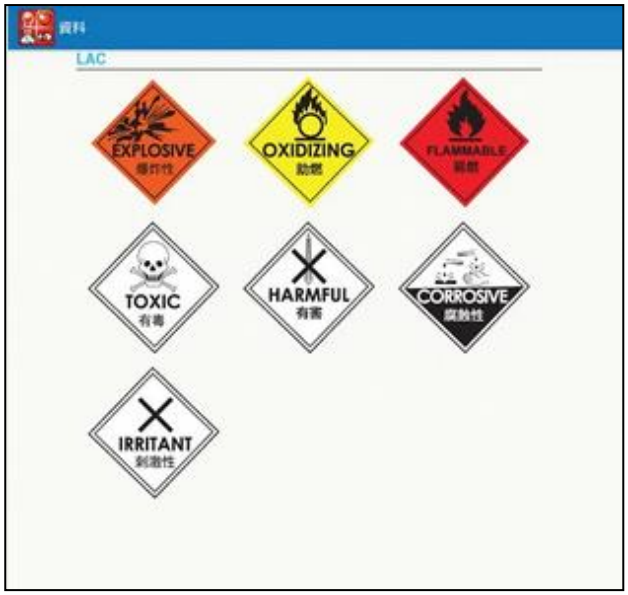
1230 – 1300	***Recordkeeping & Documentation*** *Maintaining SDS Libraries • Written Communication Program Updates • Training Records & Certifications • OSHA Inspection Preparedness*
1300 - 1345	***Case Studies & Best Practices*** *Real Workplace Incidents Linked to Poor Communication • Successful HAZCOM Program Implementation Stories • Industry-Specific Adaptations (Oil & Gas, Chemical Plants, Manufacturing) • Continuous Improvement & Future Trends in Hazard Communication*
1345 – 1400	***Course Conclusion*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course*
1400 – 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulators (Hands-on Practical Sessions)

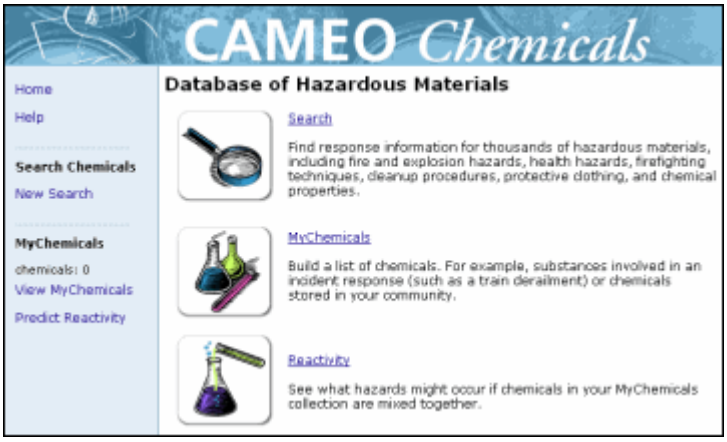
Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using one of our state-of-the-art simulators; "Chemical Compatibility 1.1 Simulator", "Chemical Safety Database Simulator", "CAMEO Chemicals Suite Simulator" or "ERG 2020 Simulator".



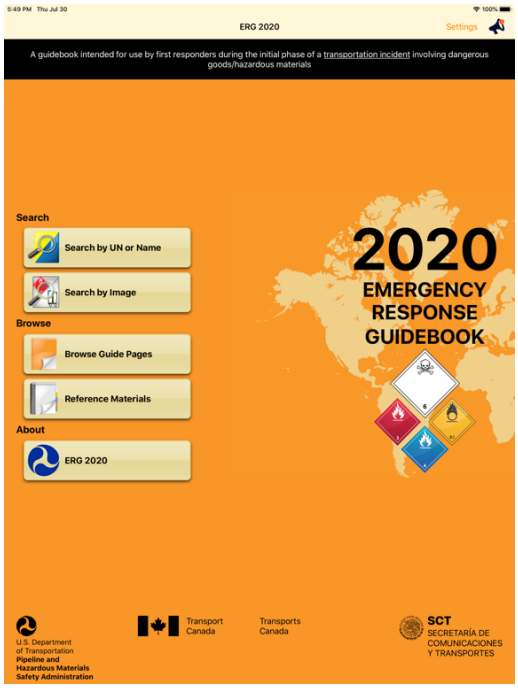
Chemical Compatibility 1.1 Simulator



Chemical Safety Database Simulator



CAMEO Chemicals Suite Simulator



ERG 2020 Simulator

Course Coordinator
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