CHEMSAFE 25'

In the attendance of
HE Dr. Mohamed bin Mubarak Bin Daina,
Minister of Oil and Environment, Special Envoy for Climate Affairs

Exclusive Host

Ministry of Oil and Environment
وزارة النفط والبيئة

Strategic Government Partner

اللجنة الوطنية لإدارة الطوارئ المدنية
National Committee for Civil Emergency Managment

International Chemical Safety Conference & Exhibition (ChemSafe 25)

Industrial Chemistry for a Safe & Sustainable Future

Conference Guide

October 27 - 30, 2025,
The Gulf Convention Centre - Kingdom of Bahrain

Organizers

Bahrain Society of Chemists
جمعية الكيميائيين البحرينية

جمعية الصحة والسلامة البحرينية
Bahrain Health & Safety Society

Event Management

المشرق للتدريب
Al Mashreq training

International Chemical Safety Conference & Exhibition

Industrial Chemistry for a Safe & Sustainable Future

ChemSafe 2025

Sponsorship Guide

October 27 - 30, 2025,
The Gulf Convention Centre - Kingdom of Bahrain

BSC President

MESSAGE

Dr. A.Wahid Al Nakal
BSC President

On behalf of the Executive Committee of the Bahrain Society of Chemists (BSC), and its members, I would like to extend an invitation to your esteemed organization, to actively participate by sponsoring our upcoming 1st International Chemical Safety Conference and Exhibition event, which will be held during the period of October 27 - 30, 2025, in the Kingdom of Bahrain. This conference will attract keen interest from the major stakeholders in the region including academic institutions, oil and gas companies, and government organizations. This event is also a great opportunity for suppliers and vendors to showcase their products and services and network with the attendees. I do encourage you to actively participate as a sponsor of this great event and benefit from the many opportunities for your staff to learn, discover, and interact with their peers. It will be my pleasure to discuss the various ways in which you can participate, at your convenience.

Conference Chair

MESSAGE

On behalf of the Conference Organizing Committee, I would like to invite your organization to sponsor our upcoming 1st International Chemical Safety Conference And Exhibition "ChemSafe" during the period of October 27 - 30, 2025 at the Kingdom of Bahrain.

This event brings together professionals, subject matter experts and HSE leaders from Oil & Gas companies, government organizations, professional bodies, aluminum sectors and academic institutes to share knowledge, experience, perspective, insights and innovative ideas to meet the current and increasingly growing chemical safety HSE challenges. It is expected that this international conference will attract participation from all around the globe. Being a sponsor of this event, your organization will be offered a spacious booth to showcase your organization HSE excellence and services as well as other benefits highlighted in this brief guide. We invite you to make the most of these sponsorship opportunities. Our Sponsorship And Marketing Committee and myself will be more than happy to discuss your participation at your convenience.

Mr. Ali Al Qahtani
Conference Chair

ChemSafe

About Bahrain Society of Chemists (BSC)

The Bahrain Society of Chemists (BSC) is a non-profit professional organization dedicated to advancing the field of chemistry in the Kingdom of Bahrain. Established to support and promote the interests of chemists, scientists, and professionals working in related fields, the society plays a vital role in fostering scientific research, education, and industry collaboration.

One of the key objectives of the Bahrain Society of Chemists is to enhance knowledge exchange among professionals by organizing conferences, seminars, and workshops. These events provide a platform for local and international experts to share insights on the latest developments in chemistry, environmental science, and industrial applications. The society also collaborates with universities and educational institutions to support students and researchers in their academic and professional growth.

In addition to its educational initiatives, the BSC works closely with governmental and private-sector organizations to promote the best practices in chemical safety, sustainability, and innovation. The society advocates for responsible chemical management, environmental protection, and adherence to international standards in laboratories and industries.

By bringing together chemists from diverse backgrounds, the Bahrain Society of Chemists plays a crucial role in the country's scientific and technological progress. Its efforts contribute to the development of Bahrain's economy by supporting industries such as petrochemicals, pharmaceuticals, and environmental sciences. Through its initiatives, the society continues to inspire and empower future generations of chemists, ensuring a strong foundation for scientific excellence in the Kingdom.

About Bahrain Health and Safety Society (BHSS)

The Bahrain Health and Safety Society (BHSS) is a non-profit organization dedicated to promoting occupational health, safety, and environmental awareness in the Kingdom of Bahrain. Established in 1979, the society has been at the forefront of advocating for best practices in workplace safety, risk management, and environmental protection.

The BHSS works closely with governmental institutions, private sector companies, and international organizations to enhance health and safety standards across various industries. It organizes training programs, seminars, and conferences to educate professionals and the public on important topics such as fire safety, hazardous material handling, workplace ergonomics, and emergency preparedness.

One of the key objectives of the society is to foster a culture of safety within Bahrain's workforce by raising awareness about the importance of accident prevention and compliance with occupational health and safety regulations. It also provides certification programs and collaborates with global safety organizations to ensure alignment with international standards.

By continuously promoting safety and well-being, the Bahrain Health and Safety Society plays a crucial role in protecting workers, reducing workplace hazards, and contributing to the sustainable development of industries in Bahrain. Through its efforts, the society remains a key advocate for creating safer work environments and improving public health in the Kingdom.

Invited Dignitaries

Dr. Abdulrahman Jawahery
CEO
Bapco Refineries

Mr. Ali Al Baqali
CEO
Alba

Mr. Yasser Abdulraheem
CEO
GPIC

Mr. Mark Apsey
President
IChemE

Dr. Dorothy J. Phillips
President
American Chemical Society

Keynote Speakers

Dr. Mustafa Al Sayed

Chairman

Bahrain Health & Safety Society (BHSS)

Ms. Sarah Mukherjee

Chief Executive

IEMA

Mr. Ghassan Abualfaraj

VP & Chief Loss Prevention Engineer

Aramco

Dr. Ismail Husain

VP Group HSE

Bapco Energies

Panelists

Dr Zsuzsanna Gyenes

Director

Global Industrial Safety Solutions Ltd.

Dr. Wes Scott

President/CEO

Global EHSS Leadership Solutions, LLC

Dr Alaa Zidan

Senior Consultant Health and Safety

Al Mashreq Training

Mr. Namir George

Freelance Health and Safety Consultant

Freelance

Ms. Sameera Ahmed

Consultant

Bapco Energies

Dr. Abdulkarim Rashed

Environmental Sustainability Consultant

Al Mashreq Training

Steering Committee

Mr. Ali Al Qahtani

Conference Chair

Aramco

Dr. A.Wahid Al Nakal

BSC President

BSC

Dr. Sadiq Alalawi

Technical Committee Lead

BSC Member

Major. Hamad Swar

Organizing Committee Lead

Executive Office of the National Committee for Civil Emergency Management

Mr. Hasan Ali

Event Director

Al Mashreq Training

Mr. Nedhal Al Banaa

Head of Operation

Bapco Tazweed

Mr. Ahmed Abdulla Al Haddad

Chief, Public Relations

Ministry of Oil and Environment - Bahrain

Mr. Mustafa Al Shaikh

Director, inspection & Occupational Safety

Ministry of Labour

Technical Committee

Dr. Hussain Al Halwachi

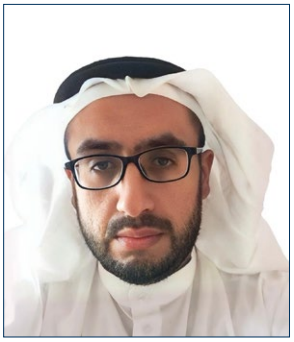
Vice President of BSC

BSC

Mr. Mohammed Khalil

Director SHE, Fire & Security

Alba



Mr. Mohammed I. Nashwan

Loss Prevention Specialist

Aramco

Major Eng. Qasim Saleh Al-Khulaqi

Head of the Hazardous Materials

MOI

Mr. Jamal Al Shawoosh

Technical Services Manager

GPIC

Mr. Hasan Shaban

Manager Health, Safety and Environment

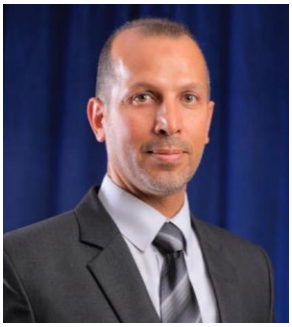
Bahrain Airport Company

Dr. Abdulkarim Rashed

Environmental Sustainability Consultant

Al Mashreq Training

Organizing Committee



Mr. Yasser Al Safar

HSE Specialist

Bapco upstream

Mr. Ahmed Abbas

Safety Engineer

Bapco Refineries

Mr. Hasan Al Aradi

Acting Head-Inspection & Accident Investigation Group

Ministry of Labour

Mr. Ahmed Hasaneen

Safety and EHSS Performance Global Director

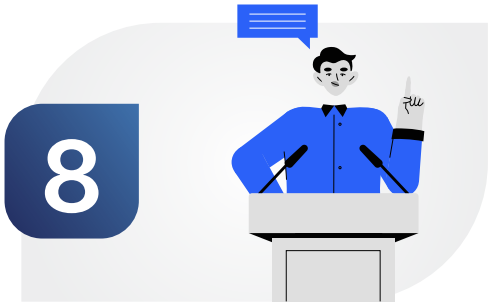
SABIC

Mr. Khalid H. Harbi

Protocol Team Lead

Aramco

Conferene Highlights



Keynote Speakers

Panelists

Technical Presentations

Technical Workshops

Conferene at Glance

27-28 October	**Pre-Conference workshops** Gulf hotel 8 am to 3 pm
28 October	**Opening Ceremony** Gulf Hotel 7:00 pm – 9:00 Pm
28 October	**Exhibition Opening** 09.00 pm Gulf Hotel
28 October	**Gala Dinner** 09.30 pm
29-30 October	**Keynotes & conference sessions** 08:00 am - 04:00 pm
30 October	**Conference closing** 04.00 pm

Conference Objectives

The ChemSafe 2024 Conference & Exhibition aims to achieve the following objectives:

1. Highlight the Innovation and Environmental challenges facing industry and society worldwide and in the Middle East.
2. Share innovative solutions to address these challenges.
3. Present an opportunity to network with other experienced professionals working in relevant fields.
4. Demonstrate the latest Environmental Safety products and services in the region.

Conference Topics

The industry and the public in this region and around the world are currently facing an increasing number of challenges.

The objective of this conference is to present the latest innovative approaches being developed to address these challenges, and share solutions that enable the industry to continue its operations while maintaining the highest level of Safety standards and clean environment with the contribution of latest chemical innovations. The challenges facing the industry include the growing concern about the impact of major incidents on safety and the environment; the high costs and financial liabilities associated with incidents; tighter regulations and stronger environmental requirements.

Crisis Management

- Preparedness
- Early Detection and Warning
- Crisis Response
- Communication Management
- Business Continuity
- Recovery and Restoration
- Post-Crisis Evaluation

Process Safety

- Process Safety Management (PSM)
- Chemical Handling, Storage & Transportation Safety
- Fire, Explosion & Emergency Response
- Regulatory Compliance & Safety Standards
- Incident Investigation & Risk Mitigation

Human performance

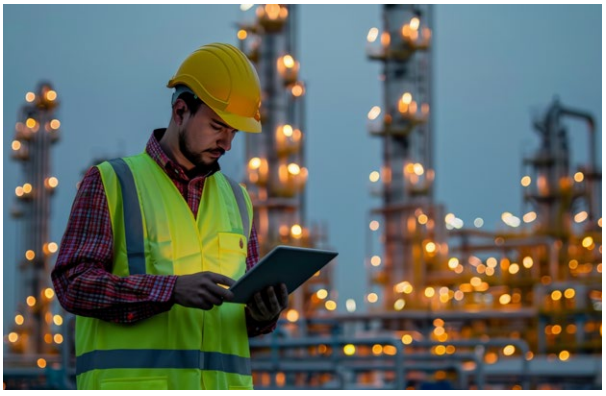
- Optimizing Human performance in Industry
- Human Factors in Chemical Safety
- Behavior-Based Safety (BBS)
- Situational Awareness & Decision-Making
- Fatigue Management & Worker Well-being
- Communication & Safety Culture
- Error Prevention & Risk Perception

Chemistry & Environmental Sustainability

- Carbon Fingerprint
- Green House Gases
- Triple R (Recycle-Reuse-Reduce)
- Emission Gases
- Ozone Depletion substances and Process
- Green Aluminium
- Green Chemistry
- Water Treatment
- Health and Environment

Specific Topics

- Safety In Aluminum industries
- Safety in Petrochemical industries
- Radiation and Radioactive materials
- Solar System
- Chemical and Personal Protective Equipment
- Lab Safety
- Health, Environment and wellbeing



Technical Workshops

No	Workshop Name	Instructor	Venue
WS #1	Process Safety Culture	Eng. Namir George	Gulf Hotel -Awal 1
WS #2	NEBOSH Environmental Awareness	Dr. AbdulKarim Rashed	Gulf Hotel- Awal3
WS #3	Hazards Identification Methods	Dr Zsuzsanna Gyenes	Gulf Hotel- Al Murjan
WS #4	HABC Level 2 Award in the Control of Substances Hazardous to Health	Dr. Alaa Zidan	Gulf Hotel- Amwaj1&2
WS #5	PECB Certified ISO 14001 Foundation	Mr. Hasan Al-Sharqi	Gulf Hotel- Hawar5
WS #6	OPITO Authorised Gas Tester Training	Mr. Hitham Al Noaimi	Gulf Hotel- Amwaj
WS #7	Hazardous Materials (HAZMAT) Handling and Safety Training	Mr. Qassim Al-Khulaqi	InterContinental Bahrain
WS #8	Investigating Chemical Process Incidents	Dr. Wes Scott	InterContinental Bahrain

WS No #1

Process Safety Culture

Eng. Namir George

Namir George is a registered European Engineer and was educated at Aston University in Birmingham UK. He graduated with a BSc. in Chemical Engineering in 1979 and an MSc in Occupational Health and Safety in 1981. He is currently employed as an Area Manager for the International Safety Council, a global subsidiary of the National Safety Council, USA.

He has 25 years' experience in the field of Safety and Loss prevention gained in various industry sectors. He worked at various positions for blue chip organizations such GlaxoSmithKline, Kraft Food International Honeywell and Dailycer. In addition, he worked for several safety consultancies and undertook several projects including chemical, petrochemical, food and drink, automotive, utilities, as well as pharmaceuticals such as Shell, Total oil Marine, Abu Dhabi National Oil Company, Masterfoods, EON, VDO, Florette, etc.

He is a Chartered Chemical Engineer, Chartered Fellow of the Institution of Occupational Safety, member of American Society of Safety Professionals (ASSP) and an affiliate member of Institution of Environmental Management and Assessment (IEMA). In addition, he is a member of the Birmingham Health, Safety and Environmental Association (BHSEA).

Introduction

Chemical Process Safety or Process Safety is a disciplined framework for managing the integrity of operating systems and processes handling hazardous substances to prevent unintentional releases of chemicals, energy, or other potentially dangerous materials (including steam). Which ultimately results in serious injuries, property damage, lost production, and environmental impact.

Process safety culture is a collective mindset that values and prioritises the safety of processes, products, and services. It is a holistic approach to safety that goes beyond just following rules and regulations. It involves actively engaging employees in safety efforts, continuously learning from past incidents, and promoting a positive safety climate.

A strong process safety culture fosters a sense of shared responsibility for safety and encourages individuals to speak up when they see potential risks or hazards.

The 5-day workshop aims at educating workers in principles of process safety culture and ways for assessment and improvements. The workshop will also help the organization to develop PSM surveys and questionnaires. This course is designed to help line management explore their role in process safety management and explain how and why establishing a safety culture begins at the top. It's more than a requirement, leaders set the tone for their organization and its process safety outcomes are a result of their engagement and focus

Objectives

At the end of the workshop, learners will better understand :

- The business implications of process safety
- The context of process safety
- The key elements of effective PSM system OSHA, CCPS
- The role of leadership in promoting and sustaining good process safety management
- The functional aspects of an organisation that require leadership to provide assurance that process safety risks are being correctly managed
- How to develop personal action plans to enhance your contribution to process safety in your business.

Who Should Attend

This course is open to management representatives, safety professionals, managers, supervisors, and team leaders who are involved in direct hands-on responsibility in process safety and want to maximize their safety culture and minimize incidents.

Assessment

Participants will be required to participate in various case studies. Assessment will be in the form of a post-test and an assignment.

Prerequisites

Understating of English Understanding / Knowledge of Occupational Health and Safety Management System.

Course Methodology

The learning methodology uses a mixture of presentations, discussion, case studies, video content and interactive exercises to transform participant knowledge into hands-on practice in a safe environment.

Certification:

Upon successful completion of the course and assessment, candidates will be awarded Process Safety Culture from Al Mashreq Training.

WS No #2

NEBOSH Environmental Awareness

Dr. AbdulKarim Hassan Rashed

Hold BSc. in Chemistry, MSc. and PhD in Environment and Sustainable Development. Worked in the Supreme Council for Environment for over 16 years, was Head of the Waste Recycling and Treatment Unit, and was the project technical manager for the Strategic Approach to International Chemicals Management (SAICM). An active organizer, speaker and participant in many conferences, workshops, and short courses in environmental management organized by the University of Bahrain, UNEP, UNDP, and UNIDO at local, regional, and international. A registered trainer in the NEBOSH-UK and IEMA-UK. Contributing author in Bahrain Environmental Strategy, State of Environment Report, and a team leader for Bahrain National Profile to Assess the National Infrastructure for Chemical Safety (2nd edition) and Six Global Environmental Outlook (GEO-6), served as a review team member of UN reports, and a Member of the UNIDO Global Forum of Best Available Technology and Best Environmental Practice (BAT/BEP).

Introduction

What can the NEBOSH Environmental Awareness at Work qualification do for my organisation?
Improved environmental performance – Implementing a successful Environmental Management System such as ISO 14001 requires workers to recognise the impact they have on the environment. The new NEBOSH Environmental Awareness at Work qualification will introduce your workforce to environmental issues and the role they play in improving organisational environmental performance.

Return on investment – Employees can apply their learning as soon as they return to work.

This will help your organisation reduce waste, improve energy efficiency, achieve cost savings and help avoid legal action. Assurance – With global industry needing to be more aware of its impact on the environment, a business with a sound environmental record has an advantage in the modern market place.

What kinds of people take the NEBOSH Environmental Awareness at Work qualification?
Anybody who needs a basic understanding of environmental issues in the workplace. It provides a general awareness of environmental issues and can be taken by employees at all levels within the organisation.

What does the course cover?

The NEBOSH Environmental Awareness at Work qualification is designed to cover a range of issues affecting the global environment.

Topics include:

- Basic environmental terms and their meaning
- Sources, impacts and controls of air, water, noise and land pollution
- Dealing with environmental emergencies
- Introducing environmental impact (risk) assessments
- Introduction to Environmental Management Systems
- Further details including a syllabus summary can be found on our website.

How long will it take to achieve this qualification and how is it assessed?

This qualification is assessed through a 30 minute multiple choice examination.
A qualification parchment will be sent to students on successful completion.

Course Methodology

The learning methodology uses a mixture of presentations, discussion, case studies, video content and interactive exercises to transform participant knowledge into hands-on practice in a safe environment.

Certification:

Upon successful completion of the course and assessment, candidates will be awarded NEBOSH Environmental Awareness at Work Qualification from NEBOSH.

WS No #3

Hazards Identification Methods

Dr Zsuzsanna Gyenes

After graduating with a Master of Science in Biochemical Engineering from the Technical University of Budapest, Zsuzsanna worked in disaster management for the Hungarian. Government. During this time she obtained a Postgraduate Diploma in Environmental Public Administration. She then moved into a role as a Seveso Site Inspector for Hungary. At this time, she obtained her Ph.D. cum laude from the National Defence Ph.D. Institution in Military Technology in Hungary on the development of procedures and tools for the improvement of industrial safety against external effects. Following her time as a Seveso inspector, Zsuzsanna was the Head of Section for nuclear safety in the National Directorate General for Disaster Management in Budapest. Her most recent role was as a Scientific Technical Officer for the European Commission Joint Research Centre, where she worked to assist member states in learning from incidents and Seveso implementation, including land use planning policy. Zsuzsanna is also a member of the
IChemE Loss Prevention Panel Editorial Board. Zsuzsanna began as the Deputy to the Director of the IChemE Safety Centre in September 2017.

Course Overview

This 2-day training program provides an in-depth understanding of hazard identification techniques across industries, focusing on process safety risk management.

Course Objectives

By the end of this course, participants will:

- Understand the importance of hazard identification in risk prevention.
- Learn key hazard identification techniques and when to apply them.
- Be able to select the appropriate technique based on the project lifecycle.
- Gain insight into new and emerging hazard identification approaches.

Who Should Attend?

This course is designed for:

- Process safety engineers & process engineers
- Plant/process operators
- Professionals involved in design, commissioning, decommissioning, installation, and modification of industrial plants
- Construction, nuclear, and oil & gas industry representatives

Course Content

Module 1: Fundamentals of Process Hazards and Risks

- Introduction to process hazard identification
- Key definitions: hazards, risks, and safety barriers
- Learning from historical industrial disasters
- Case Studies: Buncefield & CAPECO accidents
- Regulatory frameworks and industry standards

Module 2: Essential Hazard Identification Techniques

- What-If Analysis (SWIFT): Scenario-based risk assessment
- Checklists: Systematic hazard identification
- Brainstorming Techniques: Group-based risk evaluation
- Strengths, weaknesses, and applications of each technique

Module 3: Inherently Safer Design (ISD) & Risk Elimination

- Introduction to ISD principles
- Design modifications to eliminate or reduce hazards
- Case Study: CSB/Bayer plant explosion analysis
- Bow-Tie Diagrams: Visualizing risk pathways and control measures

Module 4: Chemical Reaction Hazards & Runaway Reactions

- Understanding runaway reactions and their causes
- Strategies for preventing and managing chemical hazards
- Case Study: CSB Synthron explosion video analysis

Module 5: Advanced Hazard Identification (HAZID) Techniques

- Introduction to HAZID methodology
- Reaction Exercise: Identifying risks in a simulated process

Module 6: Hazard and Operability Study (HAZOP)

- HAZOP methodology: Systematic deviation analysis
- Managing creeping changes in operations
- Delta HAZOP: Identifying risks from small process modifications

Module 7: Batch Process HAZOP & Its Unique Challenges

- Key differences between batch and continuous processes
- Case Study: CSB T2 Laboratories explosion analysis
- Hands-on HAZOP workshop: Group exercise

Module 8: Failure Modes, Effects, and Criticality Analysis (FMECA)

- Understanding FMECA methodology
- Case Study: Challenger disaster - Lessons from failure analysis
- System-Theoretic Process Analysis (STAMP/STPA) techniques

Module 9: Layers of Protection Analysis (LOPA)

- Understanding safety layers and barriers
- Integrating LOPA with other hazard assessment techniques
- Case Study Demonstration

Course Methodology

The learning methodology uses a mixture of presentations, discussion, case studies, video content and interactive exercises to transform participant knowledge into hands-on practice in a safe environment.

Certification:

Upon successful completion of the course and assessment, candidates will be awarded Hazards Identification Methods certificate from Al Mashreq Training.

WS No #4

HABC Level 2 Award in the Control of Substances Hazardous to Health

Dr. Alaa Zidan

Dr. Alaa Zidan, is a full time safety Trainer and Consultant at Al Mashreq Training. He has 31 years of experience in emergency care, trauma care and orthopedics and more than 10 years of teaching experience as a senior lecturer in medical college. His master's degree is in orthopedics and trauma, he had his fellowship in trauma and fracture treatment from the Association of the study of internal fixation of fractures from the university hospital Freiburg, Germany.

Alaa is an Advanced and Basic Cardiac Life Support (ACLS & BLS) instructor. He taught many of ACLS and BLS courses with the American Heart Association as well as advanced first aid courses. He is providing train the trainers for emergency care on behalf of the NSC and he is also certified Principles of Occupational Safety And Health (POSH) and Safety Management Techniques (SMT) instructor.

Qualification Overview

This qualification is aimed at those learners who work in an environment where coming into contact with hazardous substances is likely. This includes workplaces in areas such as manufacturing, cleaning, healthcare, transport, utilities and office environments.
It gives learners the knowledge and skills to recognise the risks associated with hazardous substances and how to control them.

Qualification Details

The HABC Level 2 Award in the Control of Substances Hazardous to Health (QCF) has been accredited by the regulators of England and Wales (Ofqual and the Qualifications Wales) and is part of the Qualifications and Credit Framework (QCF)..

Entry Guidance

There are no prerequisites for this qualification.
It is advised that learners have a minimum of Level 1 in literacy or numeracy or equivalent.

Topics Covered

These include the law relating to hazardous substances in the workplace, how risk assessments contribute to the safe use of hazardous substances in the workplace and the precautions and procedures necessary to ensure that risks associated with hazardous substances are properly controlled.

Who is this Qualification for?

This qualification is aimed at individuals who work in an environment where coming into contact with hazardous substances is likely. This includes workplaces in areas such as manufacturing, cleaning, healthcare, transport, utilities and office environments.

Assessment Method

This qualification is assessed through a 15-question multiple-choice examination. The duration of the examination is 30 minutes.
Successful learners must achieve a score of at least 10 out of 15.

Certification:

Upon successful completion of the course and assessment, candidates will be awarded Level 2 Award in the Control of Substances Hazardous to Health certificate from Highfield.

WS No #5

PECB Certified ISO 14001 Foundation

Mr. Hasan Al Sharqi

Al-Sharqi is an experienced engineer and professional management consultant for Quality, Environment, Health & Safety Management System. He is currently working as the Managing Director at QPlus consultancy and Inspection body a consulting company specializing in establishing creative quality solutions and inspection processes through innovative strategies and benchmarking, and training.

Al-Sharqi is a professional trainer and coach for management systems, auditing, Quality, Environment, Health and Safety, excellence, and business improvements. He is the representative of Bahrain in the international technical committee ISO\TC176 and ISO\TC279 (Innovation Management), with more than 20 years of career experience in engineering and management.

He worked as the Chief of QHSE Management in the Ministry of Works Municipalities Affairs & Urban Planning in the Kingdom of Bahrain (10 years), a Senior Inspector in the Ministry of Industry and Commerce for (6 years). Part of his duty consists of Monitoring, assessing, and inspecting industries in the Kingdom of Bahrain and GCC countries.
Coming from industrial background with more than (5 years) of experience as a Chemical Engineer in Petrochemical and Aluminium Industries. It supported him to be an International Inspector for products, Quality, Standards, Health, and safety requirements. He was appointed to represent Bahrain in many safety and quality audit visits overseas in China, Japan, Europe, Africa, and India.

He has been elected as the Head of Standards and Technical Regulations Committee in Gulf Cooperation Council (GCC) (2007-2010). Besides, he has been appointed as the Head of the National Committee to review the ISO 26000 (2008-2010). And in 2006, he was appointed as the Head of the National Committee of Chemical and Mechanical products Standards.

Introduction

ISO 14001 Foundation training enables you to learn the basic elements to implement and manage an Environmental Management System (EMS) as specified in ISO 14001. During this training course, you will be able to understand the different modules of an EMS, including EMS policy, procedures, performance measurements, management commitment, internal audit, management review and continual improvement.
After completing this course, you can sit for the exam and apply for a "PECB Certified ISO 14001 Foundation" credential. A PECB Foundation Certificate shows that you have understood the fundamental methodologies, requirements, framework and management approach.

Learning Outcomes

- Understand the elements and operations of an Environmental Management System and its principal processes.
- Acknowledge the correlation between ISO 14001 and other standards and regulatory frameworks.
- Understand the approaches, methods and techniques used for the implementation and management of an EMS

Who Should attend?

- Individuals involved in Environmental Management
- Individuals seeking to gain knowledge about the main processes of Environmental Management Systems (EMS)
- Individuals interested to pursue a career in Environmental Management

Course Methodology

The learning methodology uses a mixture of presentations, discussion, case studies, video content and interactive exercises to transform participant knowledge into hands-on practice in a safe environment.

Assessment & Certification:

One-hour final exam. Upon successful completion of the course and assessment, candidates will be awarded ISO 14001 Foundation certificate from PECP.

WS No #6

OPITO Authorised Gas Tester Training

Mr. Hitham Al Noaimi

Senior Health, Safety and Environment Consultant and Tutor with a warm and friendly demeanor always! With over 20 years of invaluable experience in Health, Safety and Environmental (HSE).Skilled at conflict resolution. Self-motivated, capable, tenacious and pragmatic. In HSE training field since 2002. Team builder who is acutely attentive to employees' and contractor's needs. Punctual, problem solver and keen multitasker. Track record of being an essential part of the management team and instrumental in providing effective solutions that produce immediate impact and contribute to the establishment's long-term success.

Provides leadership and direction in the execution and delivery of HSE solutions, HSE staff competency development and support. Integration of HSE programs and procedures into Operational Excellence. Provides HSE Program (PSPGs) guidance development and document maintenance. Duties include oversight of all the daily HSE Team, including the supervision of 3rd Party Contractors. Responsible to work with all Business Units (BUs) HSE Managers/TL's for the management, coordination, and monitoring of HSE activities solutions and the identification, standardization, and implementation of globally consistent HSE needs.s.

Introduction

The OPITO Authorised Gas Tester (AGT) Training course is designed to equip personnel with the necessary knowledge and skills to safely conduct gas testing for oxygen levels, flammable gases, and toxic gases in hazardous environments such as confined spaces and hot work locations. The course ensures compliance with industry best practices and regulatory standards, preparing individuals to work effectively as gas testers.
This training is essential for workers involved in gas monitoring, ensuring a safe work environment, and supporting operations that require atmospheric testing.

Target Audience:

This course is intended for:

- Workers involved in hot work operations
- Confined space entry personnel
- Gas testers and safety observers
- Permit-to-work issuers
- HSE officers and supervisors
- Fire watch and standby personnel

Course Objectives:

By the end of the course, participants will be able to:

- Understand the hazards associated with flammable, toxic gases, and oxygen deficiency.
- Define hot work and confined space operations that require gas testing.
- Identify the roles and responsibilities of a gas tester, fire watcher, and standby personnel.
- Demonstrate the correct use, calibration, and maintenance of gas detection equipment.
- Interpret gas test results and determine safe working conditions.
- Apply gas testing procedures in accordance with OPITO standards.
- Respond appropriately to abnormal gas readings and implement emergency actions.

Course Structure:

The training consists of four mandatory units that learners must complete:
Unit OIS-102: Authorised Gas Tester

- Understanding relevant legislative controls
- Confined space criteria and associated hazards
- Risk assessment procedures before testing and confined space entry
- Safe systems of work, including permit-to-work and emergency response plans
- Selection and use of appropriate Personal Protective Equipment (PPE)
- Respiratory Protective Equipment (RPE) selection and use
- Safe working practices in hazardous environments

Unit OIS-103: Testing for Flammable Gas in Preparation for Hot Work

- Defining hot work and identifying activities that require gas testing
- Hazards and properties of flammable gases, including vapour cloud movement
- Carrying out gas tests and monitoring during hot work
- Selection of appropriate gas detectors for hot work conditions
- Acceptable levels of flammable gases and oxygen levels
- Placement of gas detectors for continuous monitoring

Unit OIS-104: Confined Space Testing

- Hazards and properties of confined space gases (flammable, toxic, oxygen-deficient, and enriched atmospheres)
- Gas behavior in confined spaces (heavier-than-air, lighter-than-air, and neutral buoyancy)
- Performing gas tests in sequence: Oxygen, Flammable, and Toxic gases
- Sampling confined spaces at different levels to ensure accurate testing
- Correct use and placement of gas detection equipment
- Testing for hydrocarbons in inert atmospheres

Unit OIS-105: Gas Monitoring

- Providing safety watch duties during gas testing operations
- Responsibilities of the Fire Watch and Standby Person
- Monitoring the atmosphere during operations
- Understanding PPE selection and use for toxic and flammable gases
- Regular communication and reporting abnormal conditions
- Completion of gas testing documentation and compliance with regulatory requirements

Delivery Method:

- Classroom-based theory sessions
- Practical hands-on training with gas detection equipment
- Case studies and interactive exercises

Why Choose This Course?

- Industry-Recognized Certification: OPITO certification is globally recognized in the oil & gas sector.
- Hands-on Training: Participants will use real-world gas detection equipment in simulated environments.
- Expert Trainers: Delivered by experienced industry professionals with OPITO accreditation.
- Regulatory Compliance: The course aligns with industry best practices for gas testing safety.

Assessment & Certification:

- Participants will be assessed through written exams and practical demonstrations of gas testing procedures.
- A minimum passing score of 80% is required to obtain certification.
- Upon successful completion, candidates will receive an OPITO-approved Authorised Gas Tester Certificate, which is valid for 3 years.

WS No #7

Hazardous Materials (HAZMAT) Handling and Safety Training

Mr. Qassim Saleh Al-Khulaqi

Major Chemical Engineer Qasim Saleh Al-Khulaqi, a specialist in hazardous materials and CBRN management and safety, currently serving as the Head of the Hazardous Materials Division at the Ministry of Interior, Kingdom of Bahrain. I hold a Bachelor's Degree in Chemical Engineering and have over 15 years of experience in hazardous materials and CBRN. He developed extensive expertise in the storage and transportation of hazardous materials, as well as in managing field incidents, ensuring compliance with the highest local and international safety standards.

He is a member of the National Committee for the Prohibition of Weapons of Mass Destruction, where he contribute to national, regional, and international efforts to enhance security and prevent the risks of weapons of mass destruction.

Throughout his career, He developed advanced skills in risk assessment and crisis management, which enable me to effectively handle complex scenarios involving hazardous materials and CBRN.

He also have extensive experience in applying regulations and standards related to protection and safety, which ultimately contribute to the protection of lives, property, and the environment. Additionally, He is dedicated to training individuals and organizations by raising awareness and building capacity in the field of hazardous materials.

Introduction

This comprehensive two-day course equips participants with the knowledge and practical skills required to safely handle, store, and transport hazardous materials (HAZMAT), as well as to respond effectively to related emergencies. Emphasis is placed on understanding chemical, biological, radiological, and nuclear (CBRN) threats and applying appropriate response and mitigation strategies.

Target Audience

This course is ideal for:

- Warehouse and logistics personnel
- Safety and compliance officers
- First responders and security staff
- Laboratory and industrial workers
- Site supervisors and operational managers
- Individuals responsible for HAZMAT transport, storage, or emergency planning

Course Objectives

Participants will be able to:

- Identify types and classifications of hazardous materials
- Understand international and local regulations governing hazardous materials
- Apply best practices in HAZMAT storage and transportation
- Recognize and manage CBRN hazards
- Develop emergency preparedness plans and response strategies
- Analyze real-life incidents for risk reduction and safety improvement

Training Methodology

The course uses a blended learning approach:

- Instructor-led presentations and discussions
- Visual and interactive learning aids
- Practical group activities and role-play
- Tabletop simulation exercises
- Case studies from real-life HAZMAT incidents
- Knowledge checks and quizzes

Course Content

Day 1

Module 1: Introduction to Hazardous Materials (HAZMAT)

- Definition, types, and classifications
- Hazard identification systems
- Importance of proper handling

Module 2: Regulatory Standards and Compliance

- Overview of local and international standards (OSHA, NFPA, GCC regulations)
- Responsibilities of employers and employees
- Documentation and reporting requirements

WS No #8

Investigating Chemical Process Incidents

Dr. Wes Scott, PhD, MPH, PE

Dr. Scott, a retired military officer has over 35 years-experience in the chemical engineering, environmental, biomedical, industrial hygiene and occupational safety and health fields. Dr. Scott has managed consulting projects in many different countries around the world and is a Registered Professional Engineer, ISO 14001 Lead Auditor, ISO 9001, OHSAS 18001 Internal Auditor, Certified Safety Professional, Certified Industrial Hygienist

Dr. Scott has worked with the National Safety Council (USA), US Army, The Army Corps of Engineers, Federal Emergency Management Agency, The Center for Intelligence and Smith Klein Medical Laboratories. He currently serves as the President and CEO of Global EHSS Leadership Solutions. Dr. Scott has been appointed by the US Secretary of Labor to serve on the National Advisory Council for Occupational Safety and Health.

Introduction

Accidents are significant events that trace their roots back to management system failures. They often result from a single failure. That failure however may be a symptom of deeper problems within the operation of a plant or facility. Only with a full understanding of what happened, how it happened and why it happened, can effective remedial actions be taken. Incidents are minor occurrences that can lead to an accident. This session will provide an in-depth look at the systematic process of examining and evaluating the causes of an incident so that recurrence can be prevented.

The goal of this workshop is for every attendee to leave better prepared to effectively investigate and learn from process safety incidents by being equipped with a basic understanding of:

- WHY effective incident investigation and root cause analysis (RCA) are vital,
- WHAT incident investigation skills/tools, technical competencies, and management support are required for an investigation team to be effective and efficient,
- HOW effective process safety incident investigations and RCA are done.

Learning Outcomes:

Workshop attendees will learn about proven industry practices and develop skills, in class discussions and group exercises on:

- How to set up, manage and participate in an incident investigation
- How to apply evidence preservation techniques
- How to interview witnesses and other workers
- How to collect and analyze physical parts
- How to examine records and documents
- How to apply causal analysis techniques and identify root causes
- How to develop recommendations to correct deficiencies and address root causes
- How to write and compile a report
- How to present investigation findings

Who should attend:

Those who work at, support, or regulate facilities that produce, store or use hazardous materials, and may be involved with, oversee, or review and approve incident investigation reports, should benefit from this workshop. This includes:

- Engineers and scientists (all disciplines)
- Manufacturing site process operators
- Maintenance specialists
- Environment, health, safety, and security specialists
- Facilities managers, site functional leaders, and area supervisors

Outline:

- Basic Concepts
- Secure Incident Scene--A Site Responsibility
- Establishing Investigation Team and Investigation Planning
- Positional Evidence and Preserving Evidence
- People Evidence - Interviews
- Parts and Equipment Evidence
- Failure Analysis
- Incident Sequence/Timeline and Event Analysis
- Paper Evidence
- Human Factors
- Putting It All Together and Root Cause Analysis
- Findings, Conclusions, and Recommendations

Module 3: HAZMAT Storage Best Practices

- Storage conditions for different material classes
- Spill prevention and control measures
- Safety signage and labeling protocols

Module 4: Safe Transportation of Hazardous Materials

- Packaging, labeling, and documentation for transit
- Secure loading/unloading practices
- Emergency protocols during transportation incidents

Day 2

Module 5: CBRN Hazards Overview

- Understanding chemical, biological, radiological, and nuclear threats
- Exposure risks and environmental impact
- Protective measures and health effects

Module 6: CBRN Incident Response and Mitigation

- Personal protective equipment (PPE)
- Detection and monitoring equipment
- Decontamination and containment procedures

Module 7: Case Studies and Real-World Lessons

- Review of major international HAZMAT incidents
- Analysis of failures and key takeaways
- Policy and protocol improvements

Module 8: Tabletop Emergency Exercise

- Simulated scenarios to practice response
- Group-based decision making
- Post-exercise debrief and lessons learned

Assessment and Evaluation

Participants will be evaluated through:

- Group participation and activity engagement
- Short quizzes and knowledge checks
- Performance in the tabletop exercise
- End-of-course assessment

Certification

All attendees who successfully complete the training will be awarded an Al Mashreq Training Certificate of Completion, acknowledging their knowledge in HAZMAT safety and compliance practices.

Marketing & SPONSORSHIP

Leading companies and consultants in the oil, gas, Chemicals, Aluminium, petrochemical and other industries have expressed their support for this event. This support is provided because these organizations and individuals believe that Chemical Safety issues are of significant importance in this region.
Both the conference and the exhibition provide a great opportunity for networking. The conference sponsors will enjoy direct access to potential and existing clients from their target market. Significant emphasis is placed upon the quality of the conference program that will attract key Safety, Chemistry, and Environment professionals from the region. This plays a crucial role in ensuring that the people you meet at the event are the people important to your business.

The Organizing Committee has established the following categories of sponsorship:

Exclusive Partner Sponsorship

US$ 100.000

01

FEE: US$ 100,000

Exclusive Partner Sponsorship Benefits:

- Company logo on all conference publications
- Company logo branded on BSC website for this event, with a facility to hyperlink back to their homepages (positioned as exclusive partner sponsor)
- Company on inaugural conference backdrop
- Five (5) complimentary conference registrations
- Five (5) invitations to the opening ceremony
- Partner's logo on invitation cards to be sent to conference guests
- Company logo on the delegate lanyard
- A one-page A4 insert in the Website & The Mobile App
- Free exhibit booth space (approx. 6 × 4 meters)

Partner Sponsorship

US$ 75.000

02

FEE: US$ 75,000

Partner Sponsorship Benefits:

- Company logo on all conference publications
- Company logo branded on BSC website for this event, with a facility to hot link back to their home pages
- Three (3) complimentary conference registrations
- Three (3) invitations to the opening ceremony
- A one-page A4 insert in the Website & The Mobile App
- Free exhibition space (approx. 6 × 4 meters)

Platinum Sponsorship

FEE: US$ 50,000

US$ 50.000

03

Platinum Sponsorship Benefits:

- Company logo on all conference publications
- Company logo branded on BSC website for this event, with a facility to hot link back to their home pages (positioned as Platinum Sponsor)
- Two (2) complimentary conference registrations
- Two (2) invitations to the opening ceremony
- A half-page A4 insert in the Website & The Mobile App
- Free exhibition space (approx. 6 × 4 meters)

US$ 35.000

04

Gold Sponsorship

FEE: US$ 35,000

Gold Sponsorship Benefits:

- Company logo branded on BSC website (positioned as Gold Sponsor)
- Two (2) complimentary conference registrations
- Two (2) invitations to the opening ceremony
- A half-page A4 insert in the Website & The Mobile App
- Free exhibition space (approx. 3 X 2 meters)

Silver Sponsorship

FEE: US$ 30,000

US$ 30.000

05

Silver Sponsorship Benefits:

- Company logo on all conference publications
- Company logo branded on BSC website (positioned as silver sponsor)
- One (1) complimentary conference registration
- One (1) invitations to the opening ceremony
- Free exhibition space (approx. 3 X 2 meters)

US$ 20.000

06

Night out Sponsorship

FEE: US$ 20,000

The Night out is the key to navigating the exhibition. The passport lists all companies exhibiting and their stand numbers, as well as a map of the exhibition hall. Delegates will be able to collect stamps from each exhibitor by visiting their booth. Delegates who visit the minimum required number of booths will be eligible to submit their completed passport to enter a lucky draw for a fantastic prize.
Delegate Passport Sponsorship Benefits:

- Company logo on the cover of the passport
- Company logo branded on BSC's website
- A brief description in the passport in a prominent place
- Advertisement in the conference Proceedings

Delegate Lanyard Sponsorship

FEE: US $20,000

US$ 20.000

07

Delegate Lanyard Sponsorship Benefits:

- Company logo on the delegate lanyard
- Company logo branded on BSC's website

US$ 10.000

08

Coffee and Tea Sponsorship

FEE: US$ 10,000

Coffee & Tea Sponsorship Benefits:

- Company logo printed on a banner suspended above the coffee lounge for the day of sponsorship
- Company logo on tent cards and napkins at coffee break tables. (Napkins will be also funded by sponsors)
- Company logo branded on BSC's website

Promotional Items Sponsorship

FEE: US $15,000

US$ 15.000

09

The sponsor will fund promotional items (pens, pads, gifts, etc.) to be placed inside the conference delegate bags.

Promotional Items Sponsorship Benefits:

- Company logo branded on BSC's website

Exhibiting Opportunities

Key reasons to participate:

- Generate new sales leads
- Launch and demonstrate the latest industry Chemical Safety Products and Services
- Meet with existing and potential clients
- Maintain and raise company exposure within the industry
- Network with leading industry figures

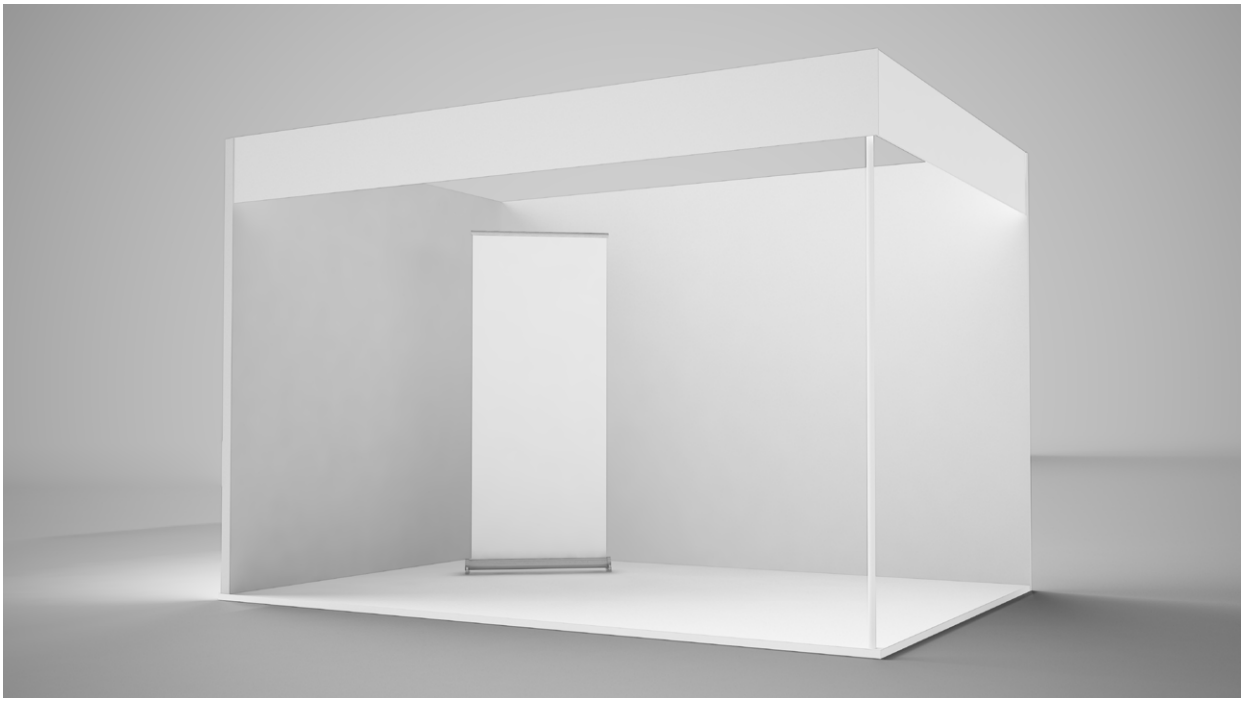


EXHIBIT SPACE (Space with Stand Service) Fee: US $500 per m^2
Standard booth: 3m X 2m
The booth comprises the exhibit space, walls, carpet, lighting and fascia name panel. Companies may request as many adjacent units as necessary to accommodate their displays
Standard Package Includes:

- 2.5m high-anodized system posts and beams (natural color) with the off-white polymer infill panels
- White fascia board with company name in vinyl sticker cut-out in standard lettering
- Two fluorescent tubes (40w) to be installed behind fascia board as general lighting for every $6m^2$
- One 13-amp single-phase power point socket for every $6m^2$
- Two wall shelves to be installed for every $6m^2$
- One (1) information counter and two (2) folding chairs
- Complimentary admission to the conference and exhibition, meals and coffee breaks only (2 persons per $6m^2$ booth)

ChemSafe 2025

EXHIBIT HOURS:

Tuesday (for Opening Ceremony)	October 28, 2025	06:00 PM - 10:00 PM
Wednesday	October 29, 2025	08:00 AM - 04:00 PM
Thursday	October 30, 2025	08:00 AM - 02:00 PM

VENUE:

On-site address:
Gulf Hotel Convention Centre
Building 11th Road No 3801 Manama, Kingdom of Bahrain

Sponsorship Guidelines

Payment:

A deposit in the amount of fifty percent (50%) of the total fee for sponsorship or exhibit space(s) reserved must accompany the Reservation Form. BSC reserves the right to cancel applications for sponsorship or exhibit space(s) for which an invoice remains unpaid 30 days after invoicing.

Cancellation Policy:

No cancellation requests will be accepted after October 10, 2025, cancellation request received before this date will be subject to 25% as service charge.

Installation

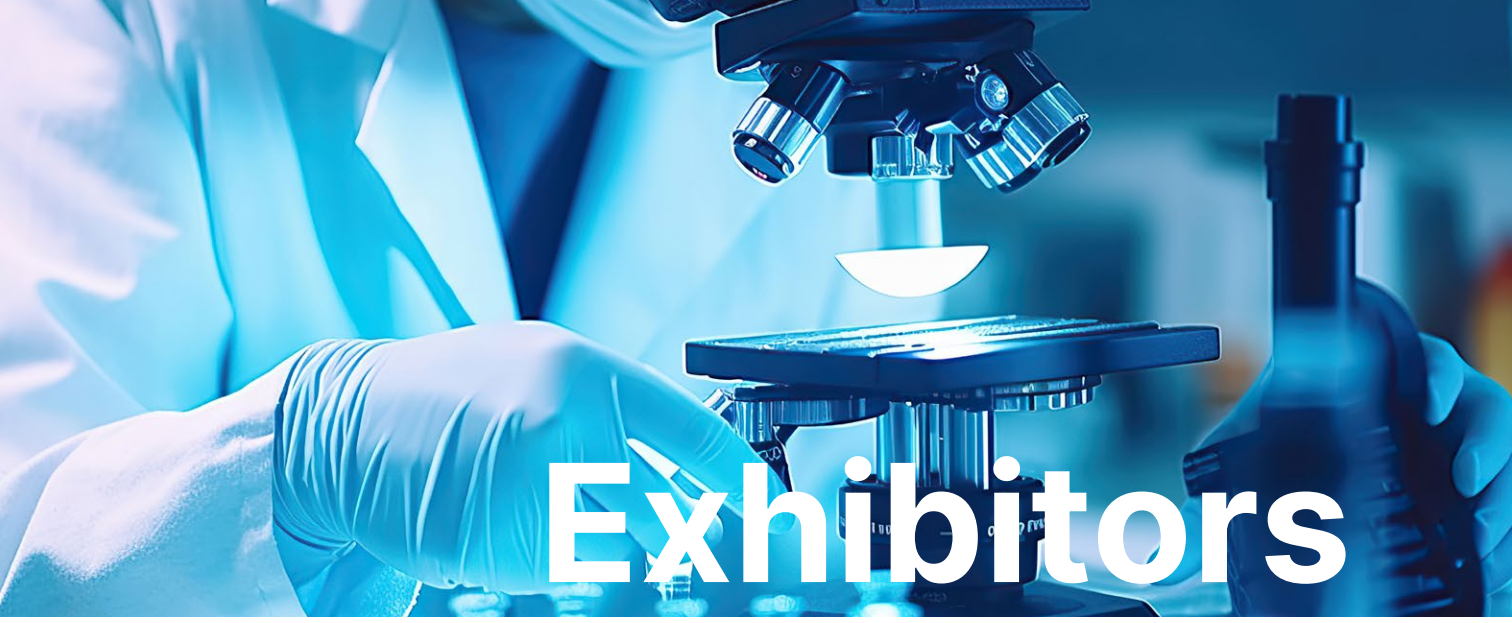
Exhibitors building their own stands may occupy their space from 02:00 am, Sunday, October 26th, 2025. Other exhibitors can start setting up their booths at 06:00 am, Sunday, October 26, 2025.
All booths must be installed by 04:00 pm, Tuesday, October 28, 2025.

Dismantling Schedule

Dismantling schedule will begin at 04:00 pm and be completed by 08:00 pm, Thursday October 30, 2025.

Fire and Safety Regulations

The regulations of the Gulf Hotel Convention Centre must be followed, and all exhibits may be subject to safety and fire inspection.



Exhibitors


THE DIPLOMAT
Radisson


GPIC IN BRIEF
Gulf Petrochemical Industries Company was founded in Dec. 1979
Equally shared between Bahrain, SABIC and PIC Kuwait
In 1985 production started with two products: Ammonia and Methanol each 1000 tones-per-day
In 1989 plants were expanded to produce 1200 tones-per-day of each product
In 1998 Urea production started with a capacity of 2000 tones-per-day.

Sponsorship Application

Please utilize the below application to inform us of your desire to sponsor our event. We will revert back to you with confirmation and other pertinent details.

COMPANY NAME (To appear on the booth sign)			
Field/Specialty			
Address of the Company		**Contact Person**	
Type of Participation	**Please select your preferred sponsorship options**		
	☐ Exclusive Partner Sponsorship ($100,000) ☐ Partner ($75,000) ☐ Platinum ($50,000) ☐ Gold ($35,000) ☐ Silver ($30,000) ☐ Night Out ($20,000)	☐ Delegate Lanyard Sponsorship ($20,000) ☐ Coffee and Tea Sponsorship ($10,000) ☐ Promotional Items Sponsorship ($10.000) ☐ Exhibitor (Please write the Number of Booths below)	
Selected Booths			

Venue: Bahrain Gulf Hotel **Move-In**: Exhibitors building their own stands may occupy their space from 02:00 am. Sunday, October 26, 2025. **Dismantling:** Exhibitors must begin dismantling their stands by 16:00 on Thursday, October 30, 2025, and be completely done by 20:00.	**Booth Rate Information:** US$500 per square meter Standard booth: frontage 3m x Depth 2m Companies may request as many consecutive units as necessary to accommodate their displays **Exhibit Hours:** Tuesday October 28, 2025 (18:00-22:00) Wednesday October 29, 2025 (08:00-16:00) Thursday October 30, 2025 (08:00-16:00)

- Please email the completed form and a high-resolution company logo (PNG/PDF/EPS) with a transparent background to: **hasan.ali@bsc-bh.org**
- Payment must be made within two weeks after the confirmation.
- There will be an area on the exhibition floor dedicated to live demonstrations of new products and services.

Assigned Booths	
Completed By	
Name	

Kindly send the completed application form to:
Hasan Ahmed
Email: **hasan.ali@bsc-bh.org**
Tel: +973 1717 8782
Mob: +973 6662 1727

Conference Registration

Delegate Entitlements

Each participant will be entitled to:

Conference package and attending the Opening Ceremony

Admission to all conference sessions and exhibition

Coffee Breaks

Lunches, Gala Dinner & Night out at the Gulf Hotel

Confirmation

All registrants will receive a confirmation of registration.

Bank Transfer	Cheque	Invoice to Company
Beneficiary Name: Al Mashreq Training Beneficiary Address: Block No. 436, Road No. 3621, Bldg. 1025, Sixth Floor, B.O. box: 15107, Al Seef, Kingdom of Bahrain Account Number: 0016204372001 IBAN Number: BH69AUBB00016204372001 Bank Name: Ahli United Bank Bank Identifier Code/SWIFT: AUBBBHBM Bank Address: Bldg.: 2495, Road 2832, Al Seef district 428, P.O Box 2424, Manama, Kingdom of Bahrain. Kindly send the receipt to: info@almashreqbh.com	**Payable to:** Al Mashreq Training Co	For invoicing, please send completed Registration Form and invoice request using company's official letterhead

For Aramco Employees: Vendor Number is: 50115707

Registration Options & Payment Methods

Option 1 2200$	Option 2 1100$
Pre-Conference Workshop + Conference (4 Days) Oct 27 - 30, 2025	**Conference only** (2 Days) Oct 29 - 30, 2025

Conference Registration Form

Registrant Information

First Name: **Middle Name:** **Last Name:**

Company Name:

Mailing Address:

City: **Postal Code:** **Country:**

Email:

Mobile: **Phone:**

Registration Options (Please select Option 1 or Option 2)

☐ **Option 1**

Pre-Conference Workshop + Conference
(4 Days) October 27 - 30, 2025
$2200

- ☐ **Workshop #1** Process Safety Culture
- ☐ **Workshop #2** NEBOSH Environmental Awareness
- ☐ **Workshop #3** Hazards Identification Methods
- ☐ **Workshop #4** Control of Substances Hazardous to Health (COSHH)
- ☐ **Workshop #5** ISO 14001 Internal Auditor
- ☐ **Workshop #6** OPITO Authorised Gas Tester
- ☐ **Workshop #7** Hazardous Materials (HAZMAT) Handling and Safety Training
- ☐ **Workshop #8** Investigating Chemical Process Incidents

☐ **Option 2**

Conference Only
(2 Days) October 29 - 30, 2025
$1100

For Aramco Employees: Vendor Number is: 50115707

Terms & Conditions:

- All cancellation requests must be received in writing.
- No refund will be made for cancellation requests received after October 01, 2025.

Invoice my Company
For invoicing, please send completed Registration Form(s) and your request for invoicing using company official letterhead to email: info@almashreqbh.com, or call : +973 17140 144

Industrial Chemistry for a Safe & Sustainable Future

ChemSafe2025

BAHRAIN SOCIETY OF Chemists
جمعية الكيميائيين البحرينية

International Chemical Safety Conference & Exhibition
Industrial Chemistry for a Safe & Sustainable Future (ChemSafe 2025)

October 27 - 30, 2025,
The Gulf Convention Centre Kingdom of Bahrain
Tel: +973 17 140 144, Email: **hasan.ali@bsc-bh.org**