



**COURSE OVERVIEW HE1797**

**Emergency Response & Crisis Management in Severe Situations**

**Course Title**

Emergency Response & Crisis Management in Severe Situations

**Course Date/Venue**

Session 1: October 20-24, 2024/Hourous Meeting Room, Holiday Inn Suites Maadi, Cairo, Egypt  
Session 2: December 15-19, 2024/The Kooh Al Noor Meeting Room, The H Hotel, Sheikh Zayed Road, Dubai, UAE



**Course Reference**

HE1797



**Course Duration/Credits**

Five days/3.0 CEUs/30 PDHs

**Course Description**



***This practical and highly-interactive course includes real-life case studies and exercises where participants will be engaged in a series of interactive small groups and class workshops.***

This course is designed to provide participants with a detailed and up-to-date overview of Emergency Response and Crisis Management in Severe Situations. It covers the importance of emergency response planning and components of effective business continuity plans (BCP); the risks and hazards in the oil and gas industry and compliance and regulatory requirements; the core elements of BCP programs in severe crisis situations; developing efficient emergency response and rescue plans; integrating risk and hazard measures into BCP plans; the BCP documentation and communication strategies; the BCP training and drills and compliance investigation techniques; and assessing procedural compliance to BCP, rescue, and emergency response plans.



During this interactive course, participants will learn the effectiveness and efficiency assessment of company BCP programs; the success factors and performance measures; the principles of root cause analysis in crisis situations; the tools and techniques for conducting root cause analysis; the action planning strategies for crisis management; the drafting reports based on performance improvement gap analysis; the business continuity plans and programs in the O&G industry; the best practices in the O&G industry for crisis management; the regular review and update of BCPs and emergency response plans; adapting BCPs based on lessons learned; and finalizing and disseminating implementation guidelines.





## Course Objectives

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

- Apply systematic techniques on emergency response and crisis management in severe situations
- Implement effective business continuity plans and programs in severe crisis situations
- Develop effective and efficient guidelines and procedures for emergency response and rescue plans
- Develop effective business continuity plans and programs to be followed in crisis situations based on leading practices in the O&G industry
- Assess effectiveness and efficiency of company BCP programs as a result of lessons learnt from emergency response scenarios
- Integrate risk and hazard measures to be considered as part of the BCP Plans
- Assess procedural compliance to BCP plan, rescue plan and emergency response plans in crisis situations
- Identify success factors and performance measures for assessing the implementation of BCP plan, rescue plan and emergency response plans
- Derive conclusions from incident/crisis root cause analysis and draft report outlining implementation guidelines based on performance improvement gap analysis and action planning outcomes
- Discuss the importance of emergency response planning including the components of effective business continuity plans (BCP)
- Explain risks and hazards in the oil and gas industry and compliance and regulatory requirements
- Apply BCP documentation and communication strategies and conduct BCP training and drills
- Carryout compliance investigation techniques and discuss the principles of root cause analysis in crisis situations
- Use proper tools and techniques for conducting root cause analysis and action planning strategies for crisis management
- Apply best practices in the O&G industry for crisis management including regular review and update of BCPs and emergency response plans
- Implement continuous improvement by adapting BCPs based on lesson learned as well as facilitate and disseminate implementation guidelines

## 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, sample video clips of the instructor’s actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.

## Who Should Attend

This course provides an overview of all significant aspects and considerations of emergency response and crisis management in severe situations for all emergency response teams, technical staff, HSE officers and safety inspectors as well as shift in-charge supervisors.






**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**


Certificates are accredited by the following international accreditation organizations: -

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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.

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. 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.

**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:



**Mr. Saad Bedir**, BSc, NEBOSH-IGC, NEBOSH-ENV, is a **Senior Fire, Health, Safety & Environment (HSE) Consultant** with over **35 years** of extensive experience in the **Power, Petrochemical and Oil & Gas** industries. He is a **NEBOSH Approved Instructor** for various certification programs. He is well-versed in the areas of **NEBOSH International General Certificate, NEBOSH Certificate in Environmental Management, Health, Fire, Safety, Security & Environmental Codes of Practice, Legislations and Procedures, Active and Positive Fire Fighting, Fire & Gas Detection Systems, Fire Fighting Systems, Fire Proofing, ESD, Escape Routes, Mobile Crane Operation, Heavy Lifting Equipments, Scaffolding, Rigging Slings, the implementation of OHSAS 18001, ISO 9001, ISO 14001, QHSE Management Planning, Crisis & Business Continuity Management Planning, Emergency Response & Procedures, Industrial Security Risk Assessment & Management, Environmental Impact Assessment (EIA), Behavioural Safety, Occupation Safety, Incident & Accident Investigation, Integrated EHS Aspects, Risk Assessment & Hazard Identification, Environmental Audits, Chemical Handling, Hazardous & Non-Hazardous Waste Management, Confined Space Safety, SHEMS Principles, Process Safety, Basic & Advanced Construction Safety, Mobile Crane Operations, Rig & Barge Inspection, Lifting & Slings, Scaffolding, Air Quality Management, Safety & Occupational Health Awareness, Loss Control, Marine Pollution Hazards & Control, Ground Contamination & Reclamation Processes, Waste Management & Recycling, Clean Energy & Power Saving, FMEA, HAZMAT/HAZCOM, HAZOP, HAZWOPER, HAZID, HSEIA, QRA, Hazardous Area Classification and Radiation Protection. Further, he is also well-versed in **Performance Standards, Statistical Report Writing, Basic Motivation Management, Performance Assessment & Appraisal, Manpower Planning, Managing & Coordinating Training, Strategic Talent Management, Developing Others, Managing Employees Performance, Performance Evaluation and Human Resource Management**. Presently, he is the **HSE Director** for one of the largest and renowned companies in the Middle East, wherein he takes charge of all HSE and security operations of the company.**

Mr. Saad's vast professional experience in directing and managing health, safety and the environment aspects as per **OSHA framework** and guidelines can be traced back to his stint with a few international companies like **Saudi ARAMCO, CONOCO, Kuwait Oil Co. (KOC)**, where he worked as the Field HSE Senior Engineer handling major projects and activities related to the discipline. Through these, Saad gained much experience and knowledge in the implementation and maintenance of international safety standards such as the National Fire Protection Association (**NFPA**), the American Petroleum Institute (**API**), Safety of Life at Sea (**SOLAS**) and Safety for Mobile Offshore Drilling Unit (**MODU**).

Mr. Saad has **NEBOSH** certificate which includes health & safety measures including:

- Fire fighting management system
- Rescue mechanisms (Escaping routes, Rope rescue, and emergency evacuation Plan)
- Machinery Safety requirement
- Occupational health measures & requirement

Mr. Saad has a **Bachelor** degree in **Chemistry**. Further, he is a **Certified Instructor/Trainer**, an **Approved Tutor** in **NEBOSH International General Certificate**, an **Approved Tutor** in **NEBOSH Certificate in Environmental Management**, a **Certified Lead Auditor** for **OHSAS 18001, ISO 9001, ISO 14001** and a **member** of the **Egyptian Syndicate & Scientific Professions**. His passion for development and acquiring new skills and knowledge has taken him all over the Middle East to attend and share his expertise in numerous trainings and workshops.



**Course Fee**

Egypt	<b>US\$ 5,500</b> per Delegate + <b>VAT</b> . This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.
Dubai	<b>US\$ 5,500</b> per Delegate + <b>VAT</b> . This rate includes H-STK® (Howard Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

**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 course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

**Day 1**

0730 - 0800	<i>Registration &amp; Coffee</i>
0800 - 0815	<i>Welcome &amp; Introduction</i>
0815 - 0830	<b>PRE-TEST</b>
0830 - 0930	<i>Introduction to Crisis Management in Severe Situations</i>
0930 - 0945	<i>Break</i>
0945 - 1045	<i>Importance of Emergency Response Planning</i>
1045 - 1145	<i>Components of Effective Business Continuity Plans (BCP)</i>
1145 - 1230	<i>Understanding Risks &amp; Hazards in the Oil &amp; Gas Industry</i>
1230 - 1245	<i>Break</i>
1245 - 1330	<i>Introduction to Compliance &amp; Regulatory Requirements</i>
1330 - 1420	<i>Case Study: Analysis of a Past Significant Incident in the O&amp;G Industry</i>
1420 - 1430	<b>Recap</b>
1430	<i>Lunch &amp; End of Day One</i>

**Day 2**

0730 - 0830	<i>Core Elements of BCP Programs in Severe Crisis Situations</i>
0830 - 0930	<i>Developing Efficient Emergency Response &amp; Rescue Plans</i>
0930 - 0945	<i>Break</i>
0945 - 1100	<i>Integrating Risk &amp; Hazard Measures into BCP Plans</i>
1100 - 1230	<i>BCP Documentation &amp; Communication Strategies</i>
1230 - 1245	<i>Break</i>





1245 - 1330	<b>Conducting BCP Training &amp; Drills</b>
1330 - 1420	<b>Workshop: Drafting a Sample Emergency Response Procedure</b>
1420 - 1430	<b>Recap</b>
1430	<b>Lunch &amp; End of Day Two</b>

**Day 3**

0730 - 0830	<b>Compliance Investigation Techniques</b>
0830 - 0930	<b>Assessing Procedural Compliance to BCP, Rescue &amp; Emergency Response Plans</b>
0930 - 0945	<b>Break</b>
0945 - 1100	<b>Effectiveness &amp; Efficiency Assessment of Company BCP Programs</b>
1100 - 1230	<b>Lessons Learned: Analyzing Past Emergency Response Scenarios</b>
1230 - 1245	<b>Break</b>
1245 - 1330	<b>Identifying Success Factors &amp; Performance Measures</b>
1330 - 1420	<b>Interactive Session: Review of Real-life BCP Compliance Reports</b>
1420 - 1430	<b>Recap</b>
1430	<b>Lunch &amp; End of Day Three</b>

**Day 4**

0730 - 0830	<b>Principles of Root Cause Analysis in Crisis Situations</b>
0830 - 0930	<b>Tools &amp; Techniques for Conducting Root Cause Analysis</b>
0930 - 0945	<b>Break</b>
0945 - 1100	<b>Action Planning Strategies for Crisis Management</b>
1100 - 1230	<b>Drafting Reports Based on Performance Improvement Gap Analysis</b>
1230 - 1245	<b>Break</b>
1245 - 1330	<b>Simulation Exercise: Crisis Situation Handling &amp; Root Cause Analysis</b>
1330 - 1420	<b>Group Activity: Developing Action Plans Based on Simulated Crisis Scenarios</b>
1420 - 1430	<b>Recap</b>
1430	<b>Lunch &amp; End of Day Four</b>

**Day 5**

0730 - 0830	<b>Implementing Business Continuity Plans &amp; Programs in the O&amp;G Industry</b>
0830 - 0930	<b>Best Practices in the O&amp;G Industry for Crisis Management</b>
0930 - 0945	<b>Break</b>
0945 - 1100	<b>Regular Review &amp; Update of BCPs &amp; Emergency Response Plans</b>
1100 - 1230	<b>Continuous Improvement: Adapting BCPs Based on Lessons Learned</b>
1230 - 1245	<b>Break</b>
1245 - 1345	<b>Finalizing &amp; Disseminating Implementation Guidelines</b>
1345 - 1400	<b>Course Conclusion</b>
1400 - 1415	<b>POST-TEST</b>
1415 - 1430	<b>Lunch &amp; End of Course</b>





**Practical Sessions**

This practical and highly-interactive course includes real-life case studies and exercises:-



**Course Coordinator**

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