

**COURSE OVERVIEW HE1097**  
**Emergencies and Crisis in O&G**  
**(E-Learning Module)**

**Course Title**

Emergencies and Crisis in O&G  
 (E-Learning Module)

**Course Reference**

HE1097

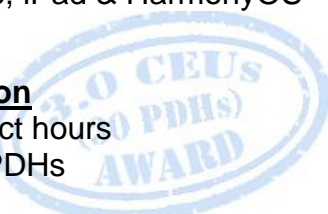
**Course Format & Compatibility**

SCORM 1.2. Compatible with IE11, MS-Edge, Google Chrome, Windows, Linux, Unix, Android, IOS, iPadOS, macOS, iPhone, iPad & HarmonyOS (Huawei)



**Course Duration**

30 online contact hours  
 (3.0 CEUs/30 PDHs)



**Course Description**



A crisis can be environmental, natural, industrial or business and can be caused by millions of reasons. Crisis management consists of the different means of dealing with these different forms of crises. Crisis Management involves identifying the crisis, planning a response to the crisis and confronting and resolving the crisis. The way of dealing with a crisis depends on its nature, scale and seriousness. The aim of crisis management is, first, to defuse the crisis; second, to establish a secure environment to deal with the causes of the crisis; and, third, to initiate reforms to prevent a follow-on crisis.

This E-Learning course is designed to provide the participants with a detailed and up-to-date overview of emergencies and crisis in oil and gas. It covers the various local and international emergencies; the crisis situations in the oil and gas industry; the 7 safety incidents that should be looked out for in the oil and gas industry; avoiding vehicle accidents, struck-by, caught-in, caught-between, explosions, fires and falls; the confined space and chemical exposures; the technology that improves emergency response times; why poor shift handover can lead to serious oil and gas incidents; the role of shift handovers in major incidents and communicate effectively; the barriers to effective communication in shift handovers; and write a good accident or incident report.

### **Course Objectives**

After completing the course, the employee will:-

- Apply and gain an in-depth knowledge on the emergencies and crisis in oil and gas
- Understand the various local and international emergencies and crisis situations in the oil and gas industry
- Gain understanding of the company procedures, protocols and various stakeholders involved in emergency response, crisis situations and incident investigations
- Understand the types of incidents and situations faced within the O&G industry and understand the corresponding response/corrective methods
- Understand the emergencies and crisis in O&G and describe the various emergencies/crisis in the O&G industry and lessons learnt from the historical emergency and crisis situations around the world
- Discuss the various local and international emergencies and crisis situations in the oil and gas industry
- Recognize the 7 safety incidents that should be looked out for in the oil and gas industry
- Avoid vehicle accidents, struck-by, caught-in, caught-between, explosions, fires and falls
- Work within a confined space and with remote locals as well as avoid chemical exposures
- Apply technology that improves emergency response times and explain why poor shift handover can lead to serious oil and gas incidents
- Identify the role of shift handovers in major incidents and communicate effectively
- Recognize the barriers to effective communication in shift handovers
- Avoid high-risk shift handovers by following regulatory requirements
- Explain why reporting all incidents matters and gain awareness on threats
- Review incident reports, encourage improvement and write a good accident or incident report

### **Who Should Attend**

This course provides an overview of all significant aspects and considerations of emergencies and crisis in oil and gas for HSE staff, emergency response teams, technical staff, operations staff, HSE officers & safety inspectors as well as shift in-charge supervisors.

### **Course Certificate(s)**



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ISO 9001:2015 Certified


Approved Centre

ACCREDITED IACET PROVIDER

Internationally recognized certificates will be issued to all participants of the course.

### **Certificate Accreditations**


Certificates are accredited by the following international accreditation organizations: -

-  USA International Association for Continuing Education and Training (IACET)

Haward Technology is an Authorized Training Provider by the International Association 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 1-2013 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 1-2013 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 Association 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.

-  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.

### **Course Fee**

As per proposal

### **Training Methodology**

This Trainee-centered course includes the following training methodologies:-

- Talking presentation Slides (ppt with audio)
- Simulation & Animation
- Exercises
- Videos
- Case Studies
- Gamification (learning through games)
- Quizzes, Pre-test & Post-test

Every section/module of the course ends up with a Quiz which must be passed by the trainee in order to move to the next section/module. A Post-test at the end of the course must be passed in order to get the online accredited certificate.

### **Course Contents**

- Overview of the Various Local and International Emergencies and Crisis Situations in the Oil and Gas Industry
- Piper Alpha Disaster, North Sea, UK
- Alexander L. Kielland, North Sea, Norway
- Seacrest Drillship Disaster, South China Sea, Thailand
- Ocean Ranger Oil Rig Disaster, Canada
- Glomar Java Sea Drillship Disaster, South China Sea
- Bohai 2 oil rig disaster, China
- Course Recap
- 7 Safety Incidents You Should Look Out for In the Oil & Gas Industry
- Vehicle Accidents
- Struck-By, Caught-In & Caught-Between
- Explosions & Fires
- Falls
- Confined Spaces



- Chemical Exposures
- Working in Remote Locales
- Course Recap
- Technology that Improves Emergency Response Times
- Why Poor Shift Handover can Lead to Serious Oil & Gas Incidents
- The Role of Shift Handovers in Major Incidents
- Communication Matters
- Barriers to Effective Communication in Shift Handovers
- High-Risk Shift Handovers
- Regulatory Requirements
- Why Reporting All Incidents Matters
- Awareness of Threats
- Encourages Improvement
- Inspires Urgency
- Course Recap
- How to Write a Good Accident or Incident Report
- 1. Find the Facts
- 2. Determine the Sequence
- 3. Analyze
- 4. Recommend
- Course Recap