

### Course Title

## Emergency Response & Crisis Management

### Credit Hours

25 H

### Venue

Doha - QATAR

### Date

8<sup>th</sup> – 12<sup>th</sup> September , 2024

## Objectives

- **By the end of this Course participants will be able to:**
  - ✓ How to successfully apply the principle elements of a health, safety and environmental (HSE) management system in a typical organisation
  - ✓ The principle elements of a health and safety management system, and how these interact to promote continual improvement in HSE management
  - ✓ To understand and use the key tools associated with risk assessment and monitoring, such as risk assessments, safety cases and HSE monitoring tools such as accident investigation
  - ✓ How to shape and improve the safety culture of the organisation
  - ✓ About ISO 14001, OHSAS 18001 and other commonly used HSE management systems
  - ✓ Key tools associated with risk assessment, risk control and active/reactive monitoring
  - ✓ How to continually improve the effectiveness of HSE management in the business – techniques for developing the HSE MS as a dynamic, living system
  - ✓ Lead change, and how to anticipate and manage potential conflict
  - ✓ Create an effective organisation which is willing and capable of embedding HSE into the business – identify and empower critical HSE roles, embed HSE into competence frameworks and initiate and maintain professional development
  - ✓ Use risk assessment tools as techniques for planning and budgeting of improvements
  - ✓ Use key performance indicators for setting and monitoring achievement of HSE objectives
  - ✓ Apply best practice in organizing Emergency Communications Centre (ECC), Emergency Response (ERT) and Crisis Management Teams (CMT) to their best advantage

## The Delegates

- ✓ HSE Professionals, Operations, Engineers, Supervisors and Project managers and all staff who have the responsibility for designing, implementing, or supporting HSE management. This is a core course for persons in a supervisory role in an operational environment.
- ✓ HSE professionals. Other roles, who desire to influence significant change in HSE management standards and performance, will also find this programme extremely beneficial.

## Contents

- **Introduction and Course overview.**
- **Why do we need safety engineering .**
- **The safety system process :**
  - ✓ Hazard identification .
  - ✓ Hazard control .
  - ✓ Risk acceptance .
- **Planning & Procedures**
- **Hazard reduction process :**
  - ✓ Design out hazards .
  - ✓ Safety standards codes , national and international .
  - ✓ Safety analysis in engineering .
  - ✓ Safety analysis in Chemical process .
  - ✓ Safety analysis in manufacturing .
- **Safety Management:**

- ✓ Safety in system life cycle .
- ✓ Organisational management and safety .
- ✓ Management commitment .
- ✓ The system safety organisation.
- ✓ Developing a system safety programme.
- ✓ Evaluating contractors and sub contractors.
- ✓ Emergency procedures and contingencies.
- ✓ Hazard tracking and resolution .
- ✓ System safety reviews and auditing .
- **Hazard analysis :**
  - ✓ Hazard analysis methodology.
  - ✓ HAZOP .
- **Process safety analysis :**
  - ✓ Process hazard analysis.
  - ✓ HAZOP examples .
  - ✓ What if analysis checklist .
- **Fault tree analysis .**
- **Failure modes, human factors and software safety.**
  - ✓ Conducting a failure mode and effective analysis
  - ✓ Human factors safety analysis
  - ✓ Performance and human error
  - ✓ Human factors and safety analysis
- **Safety training**
  - ✓ Employee training .
  - ✓ Emergency response and contingency planning .
- **Accident reporting investigation:**
  - ✓ Reporting the accident .
  - ✓ Forming an investigation board .
  - ✓ Documenting the accident.
- **Risk assessment :**
  - ✓ What is a risk .
  - ✓ Risk perception.
  - ✓ Risk assessment.
  - ✓ Identifying risks in a system .
  - ✓ Risk communication .
- **Risk evaluation :**
  - ✓ A probabilistic approach .
  - ✓ Risk analysis model .
  - ✓ Developing accident scenarios and Event tree .
  - ✓ Consequence determination .
  - ✓ Risk evaluation- the use of risk profile .
  - ✓ Calculating the safety costs .
- **Increase your Ability to Evaluate, Mitigate and Respond to Industry Challenges**
  - ✓ Evaluate and mitigate each of the risks facing the oil and gas industry
  - ✓ Incidents, Emergencies, Crises - how to organise your teams for each scenario
  - ✓ Cross border Political influences, cyber hacking and War
  - ✓ Checklists, the essentials of Crisis Management and Leadership behaviours
  - ✓ Emergency Plans – levels of planning and weaknesses to be avoided
  - ✓ Program evaluation concept – Internal and External Audits
- **Crisis Communications & Incident On-Scene Command**
  - ✓ Emergency Communication Centre (ECC) configuration, Information Flow & how to avoid common mistakes

# Title

## Training & HR Development



- ✓ Team roles and responsibilities, extract the best from your team
- ✓ Manage the on-site potential “smouldering” Issue before it becomes a Crisis
- ✓ Incident Commander and On-scene management. All the essential elements for success
- ✓ Investigate the importance of “The Golden Hour”, what has to be achieved in that first 60 minutes
- **Business Continuity Management (BCM) and Incident Command Systems (ICS)**
  - ✓ How does BCM fit into Oil & Gas Crisis Management
  - ✓ Plans and Business Impact Analysis, formats, examples and templates
  - ✓ Case Study and BCM Exercise
  - ✓ Critical elements of corporate Command and Control
  - ✓ Review of International Incident Command Systems
  - ✓ International Standards for BCM, ICS, Spills, Crisis / Environmental Planning / Response
- **Course summary .**

| Discount  | Language  | Fees  |
|---|---|---|
| 10% in case of Three P. (or more)   | English & Arabic  | USD : 5000 \$                                       |
| Timetable   | How to Register ?   | Other Dates   |
| 09:00 Am : 11:00 Am (1 <sup>st</sup> Section)<br>11:00 Am : 11:15 Am (Break 1)<br>11:15 Am : 12:45 Pm (2 <sup>nd</sup> Section)<br>12:45 Pm : 01:00 Pm (Break 2)<br>01:00 Pm : 02:00 Pm (3 <sup>rd</sup> Section) | <a href="http://www.titlehr.com">www.titlehr.com</a><br><a href="mailto:Info@titlehr.com">Info@titlehr.com</a><br>Tell   00971559687070 | 17 <sup>th</sup> – 21 <sup>st</sup> November , 2024 |