

# Syllabus

## **NEBOSH International Technical Certification in Oil and Gas Operational Safety**

### **Foreword**

This **NEBOSH International Technical Certification in Oil and Gas Operational Safety** or **NEBOSH International Oil and Gas**

Training and certification program is provided for people from all around the world who work in Oil and Gas and the connected industries. Oil and Gas is a hazardous industry. Managers, supervisors, offshore and onshore workers need specialist skills and know-how to fulfil their health and safety responsibilities. It is also designed to provide an intelligent skill and underpinning knowledge that enables them to manage operational oil and gas risks efficiently and effectively. This program is one of the popular safety courses in **NEBOSH Training** series. This certification program concerns international standards and management systems, delivers essential tools to the oil and gas industry by creating an occupational, health and safety competent workforce which in turn strengthens HSE management. After just one week of training you will be able to implement strategies to effectively manage risks that exist in the Oil and Gas industry.



### **What will I gain from this qualification?**

- Give you vital understanding to help you perform better in your role
- Understand the techniques that are useful and practical in your industry, not just theoretical
- The NEBOSH name is a mark of excellence in the field of health and safety throughout the world
- Holding a NEBOSH qualification can help you stand out and bring you success and advancement

### **What Will My Company Gain From This Qualification?**

- Keeping people safe from injury and loss of life, it also means protecting valuable assets and avoiding prosecution, litigation and loss of reputation of company
- Help company achieve international standards and can even help win new business
- Provide a practical knowledge that brings real value, wherever they operate
- The qualification focuses on hydrocarbon process safety, so that candidates can effectively discharge workplace health and safety responsibilities both onshore and offshore throughout the world.

### NEBOSH Course Outline

The syllabus of **NEBOSH ITC in Oil and Gas** Operational Safety consists of one unit. The unit is divided into a number of elements:

#### **ELEMENT 1: Health, Safety and environmental management in context**

- Learning from Incidents
- Hazards inherent in oil and gas
- Risk Management Techniques used in the oil and gas industries
- Safety cases and safety reports

#### **ELEMENT 2: Hydrocarbon process safety 1**

- Contractor management
- Process Safety Management (PSM)
- Role and Purpose of a permit-to-work system
- Key principles of shift handover
- Plant operations and maintenance

#### **ELEMENT 3: Hydrocarbon process safety 2**

- Failure modes
- Safety critical equipment controls
- Safe storage of hydrocarbons
- Furnace and boiler operations

#### **ELEMENT 4: Fire protection and emergency response**

- Fire and explosion risk in the oil and gas industries
- Emergency Response

#### **ELEMENT 5: Logistics and Transport operations**

- Marine Transport
- Land Transport

### Coures Fees

The Course fees of **NEBOSH ITC in Oil and Gas** Operational Safety is **US\$ 2.350/delegate** (for **early bird** is **US\$ 2.150,-**) /delegate and could be transferred to the Handal Consulting & Training account number, and **including** ; lunch, training kit, 2 x Coffee break/day, study book, NEBOSH exam & registration fees, **excluding** accommodation, Tax and Bank administration fees.

**Accomodation can be organized by Handal Consulting & Training (Due date is 1 month before event)**

### For further information please contact:

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