

# Formation NEBOSH

## International Technical Certificate in Oil and Gas Operational Safety



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Aegide International offers the NEBOSH O&G training (Oil & Gas). This qualification is designed specifically for those with safety responsibilities in the oil and gas industry. The qualification focuses on international standards and management systems, enabling students to effectively discharge workplace safety responsibilities both onshore and offshore. The Certificate also highlights the importance of process safety management in the oil and gas industry.

### Target audience

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.

### Prerequisites

- Read and write English (professional level)
- Have basic knowledge of health and safety at work, prevention of risks in the workplace

### Objectives

At the end of the training, the participant must be able to:

- Understand the fundamentals of an Occupational Health and Safety Management System.
- Understand their role and responsibilities in an Occupational Health and Safety Management System.
- Evaluate and manage potential risks at onshore and offshore sites.



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### Course contents

**Total duration of the training:** 34 hours / 5 days

#### Element 1: Health, safety and environmental management in context

**Syllabus:**

- 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

**Syllabus:**

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

#### Element 3: Hydrocarbon process safety 2

**Syllabus:**

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

#### Element 4: Fire protection and emergency response

**Syllabus:**

- Fire and explosion in the oil and gas industries
- Emergency response

#### Element 5: Logistics and transport operations

**Syllabus:**

- Marine transport
- Land transport

### Exam / Validation

Assessed by a two-hour written exam consisting of ten 'short-answer' compulsory questions and one 'long-answer' question.



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### Training materials and methods:

- Reception of trainees in a room dedicated to training
- Training support documents projected and made available on a USB key
- Training support documents in the form of books given to trainees
- Consultation of specialized websites (films, videos, information media ...)
- Exam preparation exercises (workshops)
- Quiz

### Monitoring and evaluation:

- Attendance sheets
- Oral questions with a collegiate answer each end of the day
- Written questions with individual response each end of the day
- Satisfaction survey completed by participants at the end of training
- Exam Day: 2 hours

### Trainers:

**HSE Experts:** coaching, training, consulting, coordination, QHSE supervision.

Our expert trainers are accredited by the NEBOSH Organization. Annual review of accreditation.

### More information



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