

SYLLABUS

NEBOSH INTERNATIONAL CERTIFICATE IN OIL AND GAS OPERATIONAL SAFETY

FOREWORD

A 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. It is necessary to know that the Oil and Gas is a hazardous industry. Managers, supervisors, offshore and onshore workers need specialist skills and know-how to full fill their health and safety responsibilities. It is also designed to provide intelligence 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 NEBOSH International Certificate in oil and gas operational safety qualification program concerns on international standards and management systems, delivers essential tools to the oil and gas industry by creating occupational, health and safety competent workforce which in turns 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.

WHO SHOULD ATTEND?

This NEBOSH International Technical Certificate in Oil and Gas Operational Safety qualification program is suitable for supervisors, managers, safety representatives and newly qualified health and safety advisors within the oil and gas industries.

NEBOSH IOGC COURSE OUTLINE :

This NEBOSH International Oil and Gas consists of one unit and the unit is divided into a few elements:

ELEMENT 1: HEALTH, SAFETY, AND ENVIRONMENTAL MANAGEMENT IN CONTEXT

1. Learning from Incidents
2. Hazards inherent in oil and gas
3. Risk Management Techniques used in the oil and gas industries
4. Safety cases and safety reports

ELEMENT 2: HYDROCARBON PROCESS SAFETY

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

ELEMENT 3: HYDROCARBON PROCESS SAFETY

1. Failure modes
2. Safety critical equipment controls
3. Safe storage of hydrocarbons
4. Furnace and boiler operations

ELEMENT 4: FIRE PROTECTION AND EMERGENCY RESPONSE

1. Fire and explosion risk in the oil and gas industries
2. Emergency Response

ELEMENT 5: LOGISTICS AND TRANSPORT OPERATIONS

1. Marine Transport
2. Land Transport

MODES OF STUDY

A full-time block release or eLearning course (Five working days)

COURSE DURATION

The following course duration of NEBOSH International Technical Certificate in Oil and Gas Operational Safety.

1. Unit IOGC: 34 hours tuition
2. Unit IOGC: 20 hours private study
3. Total: 54 hours

COURSE MATERIAL

The NEBOSH International Certificate in Oil and Gas Operational Safety training will provide for each delegate a course workbook and official NEBOSH International Certificate in Oil and Gas Operational Safety Study Book to assist them both during and after the course which will contain information, guidance, and idea of the different elements that learners will be studying and what learners are aiming to achieve. The course is designed to be interactive, allowing delegates the opportunity to develop their skills with the support of the course tutor.

COURSE TUTOR

Our NEBOSH International Certificate in Oil and Gas Operational Safety course tutors are qualified and experienced health and safety consultants with a background in health and safety training and delivering engaging health and safety training courses especially in oil and gas industry. The Tutor must demonstrate relevant experience in the field, and preferably have experience in delivering courses/teaching. All consultants or tutors have an appropriate professional body is preferred (eg MIChemE).

TRAINING PROCESS

Face-to-face sessions or online training continue an interactive and innovative learning technique. This is full-time block 5-day training consists of intensive and focused training delivered. This training also provides lectures, videos, discussions, activities, assignments and sharing of professional experiences among delegates and trainers. During this period,

Our expert and 'hand-on knowledge' tutors will teach and guide the learners to achieve and successfully training results. The tutor also provides support in terms of assessment preparation throughout the course of study.

COURSE BENEFITS

The NEBOSH International Technical Certificate in Oil and Gas Operational Safety is designed specifically for industry specialists with regular safety responsibilities including managers, supervisors, engineers and health and safety advisers. It focuses on operational process safety and is proposed to enable candidates to apply and implement effective process safety management across all areas of their operation and throughout the world. There are some benefits on completion of this qualification, as follows:

- Understand their responsibilities and how to reduce potentially damaging incidents that can lead to loss of life, injury, and loss of reputation, wherever they are operating in the world.
- Carry out workplace safety responsibilities competently both on and offshore based upon international standards.
- Improve the health and safety skills and knowledge of managers, supervisors and health and safety advisers, to gain sustainable health and safety improvements.
- Career prospect in occupational health and safety especially in oil and gas industry.

LEARNER PRIVILEGE

1. Hardcopy of NEBOSH IOGC course book at the start of the training.
2. NEBOSH IOGC timetable
3. Merchandise
4. Venue at 4-5 Star Hotel if face-to-face program

REVISION SUPPORT

Revision is an important part to pass an exam but really understand that is not easy to do it. Handal Consulting and training provides the tips of revision tools. The mutualism tutor and learner will generate an interactive scenario of the revision workshops. It provides you with the opportunity to discuss specific subjects with the expert tutor, practice questions, receive feedback on your answers, and will get a tip with associate learners. It also allows you the chance to avoid the common mistakes that have been made in exams, so you don't fall into the same trap.

Handal Consulting & Training will prepare you for the exam, which will include the following:

- Learner is allowed to review significant topics from throughout the whole syllabus.
- It allows the learner the chance to work through past exam questions with both a tutor and your associate learners.
- Sharing an idea between the learners to get an appropriate answer.
- Exam time management.
- Exam stress management

ASSESSMENT

Unit IOGC is a taught unit, assessed by a two-hour written examination.

- The written examination consists of ten 'short-answer' questions (8 marks each) and one 'long-answer' question (20 marks); all questions are compulsory.

NEBOSH IOGC PASS STANDARD

The provisional pass mark for IOGC is 45%. More information on how provisional marks are set can be found in our FAQs: <https://www.nebosh.org.uk/faqs/how-does-nebosh-set-the-passmark-for-each-assessment/>.

CERTIFICATE

The results will be issued 10 weeks after the assessment date. Each unit is reported as 'Pass' or 'Refer'. The qualification certificate is dispatched by NEBOSH within 20 working days of the result notification date.



FOR FURTHER INFORMATION PLEASE CONTACT :

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COURSE FEE

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.

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