

# INTRODUCTION TO OIL & GAS INDUSTRY (REF:OTSOGI001)

**Duration: 2 DAYS**

## OVERVIEW

We do not always understand the nature of the industry that we work in. Many people are employed in the oil and gas sector without having had any exposure to the more technical elements of the industry – at a micro and macro level. This two-day course is designed for non-technical staff who are new to the oil and gas industry. It provides an introductory overview of the world-wide and UAE industry, including the ADNOC Group of Companies.

## OBJECTIVES

By the end of this course successful participants will be able to:

- Describe the history of the oil and gas industry
- Describe the operational processes involved
- Use key terminology confidently
- Discuss upstream and downstream activities
- Describe the role of their organisation within the ADNOC group

## COURSE CONTENT

The history of oil and gas

- Early uses of oil and gas
- How oil and gas were formed
- Oil and gas reservoirs
- A brief history of the oil and gas industry

The four stages

- Exploration
- Extraction
- Refining
- Distribution

Exploration

- The petroleum asset life cycle
- Reservoir characterization
- Finding petroleum traps
- Exploration wells
- Exploration principles and techniques

Extraction

- Types of rig and rig systems
- Drill sites and equipment
- Field development planning
- Evaluating samples
- Pipelines
- Hydraulic fracturing

Refining

- Fractional distillation
- Catalytic cracking
- Gas liquefaction
- Products

Distribution

- Marketing
- Transportation

Business and economics of the industry

- The world business and economics of the industry
- OPEC
- The UAE business and economics of the industry
- The ADNOC Group of Companies
- Divisional functions within a typical ADNOC Group Company





**OSBORNE TRAINING SERVICES**  
ATLEY WAY, NORTH NELSON INDUSTRIAL ESTATE, CRAMLINGTON  
NORTHUMBERLAND, ENGLAND, NE23 1WA  
T: +44 (0)1670 737077 F: +44 (0)1670 736127  
[WWW.OEL-GROUP.COM](http://WWW.OEL-GROUP.COM)