

An Introduction and Essential Skills For Managers in the Oil & Gas Industry

Duration: 5 Days

Language: en

Course Code: IND01-108

Objective

Upon completion of this course, participants will be able to:

- Fully understand the responsibilities placed on management within the oil and gas industries.
- Gain further knowledge regarding the wider oil and gas industries.
- Evaluate your organisation’s current procedures and suggest changes to increase productivity and effectiveness.
- Understand the legal requirements set out for businesses involved in oil and gas.
- Develop beneficial relationships with partner organisations.
- Create effective training processes to gain employee buy-in and adherence and develop knowledge of your product throughout your organisation.
- Develop negotiation skills to market and sell your product effectively.
- Review refining and chemical processes to make the most out of raw materials.
- Understand the environmental impacts of your business and how to mitigate long-term damage or safety issues.

Audience

This course has been designed for anyone new to the gas and oil industry and wishes to develop their knowledge or anyone who has recently taken on a role in management for a company working with gas or oil. However, it would be particularly beneficial for:

- Business Owners
- Operations Managers
- Company Directors
- Supervisors
- Quality Assurance Officers
- Health & Safety Managers
- Risk Assessors
- Project Planners
- Change & Control Managers

Training Methodology

This course uses a variety of adult learning styles to help students understand and comprehend gas and oil processing and to help managers facilitate change. You'll participate in group discussions to understand the implications of process change, watch presentations regarding gas and oil discovery and processing, and participate in trainer-led seminars to understand your business's effects on the environment.
You will then create a process planning roadmap to tighten your in-house procedures while adhering to legal and safety standards. You will also learn to assess your changes to aim for continuous improvement.

Summary

The oil and gas industries require a niche and tailored management style to ensure the safe discovery, processing, and distribution of fuels to consumers. This means that managers within these industries need to understand the process from start to finish, appreciate the difficulties and procedures that are required legally and grasp the risks and opportunities involved to move forward and grow.
The lifecycle of an oil and gas business requires constant review and change to keep up with demand and manage a skilled workforce that can deliver on schedule and within health and safety guidelines.
For this reason, it's essential that managers in this industry understand not only performance management, effective targeting, and goal setting but also the intricate inner workings of the oil and gas industries to allow for effective training, constant audits, and risk assessments to

aid continuous improvement and the most explorative and up-to-date technology to ensure safe and efficient fuel production.

Course Content & Outline

Section 1: An Introduction to Managing Gas and Oil

- Introduction and definitions.
- Sedimentary rock formations.
- Hydrocarbon traps.
- Opportunity evaluation and tracking.

Section 2: Geology and Fuel Discovery

- Stream phases and their implications.
- Natural reservoirs.
- Mapping a geological surface.
- Geophysics and basement rocks.
- Seismic explorations and surveying.

Section 3: Drilling and Ownership of Operations

- Obtaining the rights to drill.
- Petroleum rights and procurement.
- The most efficient drilling technology.
- Conducting a Drill Stem Test.
- The Blowout Preventer.
- Contract creation and signing. What are your obligations?

Section 4: Offshore Well Development

- Offshore vs. onshore developments.
- Types of offshore rigs. Which works best for your business?
- Offshore production and well digging.
- Treating crude oil.
- NPV IRR.
- Offshore discounted rates.

Section 5: The Production, Separation, and Filtering Processes

- The separation process.
- Pumping a well without waste.
- Machinery - pressure valves, compressors, heat exchangers, and pipelines.

- Downstream oil operations.
- Pumping equipment and processing.

Section 6: Slimlining Your Operation & Distribution

- Deciphering the current market trends.
- Safe transportation to offshore and onshore locations.
- Marketing and sales of oil and gas products.
- Reviewing and revisiting for process improvement.
- Petrochemicals and distribution.
- OPEC and the future of Cartel.
- NOC and IOC collaboration.

Section 7: Measuring & Reporting on Performance

- Technology to adequately monitor progress and waste.
- Employee selection and targeted performance.
- Streamlining processes and gaining buy-in from employees.
- KPIs and management information.
- Health and safety systems and recording.
- Electing a responsible party.
- Leadership and teamwork.
- Creating a safety-first culture.
- Communication and the barriers.

Section 8: Budgeting and Business Continuity

- Cost-benefit and value-adding analysis.
- Reward structures and client relationships.
- Appropriate contracting strategies.
- Probabilistic models.
- Cost-effective changes.
- Monte-Carlo simulation.
- Business continuity and contingency.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

Management & Leadership, Energy and Oil & Gas

Tags

management, oil Industry, Oil Gas, Manager, oil and gas, Drilling, Well Development

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