



CAREERS IN ENERGY



**THE NATIONAL GAS COMPANY
OF TRINIDAD AND TOBAGO LIMITED**



Career opportunities in the energy sector span disciplines from the non-professional to the technical and professional levels. The energy sector provides great opportunities for a wide array of skills. Some careers found in the energy sector are as follows:

Process/Operations Technician

A Process Technician maintains process technology equipment such as safety systems of drivers, compressors, pumps, and other operational equipment used in process technology. He/she may also have to provide repair and replacement of electrical instrumentation and control systems, monitor operations process and assist in ensuring that environmental and safety regulations are adhered to.

The education requirement for this job is typically as follows:

Five (5) G.C.E./CXC O' Level General Proficiency subjects including English Language, Mathematics, Physics; Process Operations Diploma/ Chemical engineering Technology (CET) Diploma



Instrument Electronic

The Instrument Electronic Technician assists in the inspection, calibration and maintenance of all equipment used in measurement and control. He/she is thus

also responsible for installing new equipment and troubleshooting equipment problems to minimize the possibility of a shut down of operations.

The education and experience requirements for this job are typically as follows:

- Five (5) G.C.E./CXC O' Level General Proficiency subjects including English Language and Mathematics
- A National Technician's Diploma in Instrumentation and
- A minimum of two (2) years' experience in a similar function

Mechanical Technician

A Mechanical Technician supports the efficient and reliable maintenance of mechanical equipment on the platform. He/she is responsible for mechanical maintenance, repair and installation of plant and equipment.

The education and experience requirement for this job are typically as follows:

A National Technician's Diploma in Mechanical Engineering and a minimum of two (2) years' experience in a related field.

Chemical Engineer



The Chemical Engineer is generally responsible for inspecting refinery and petrochemical plants and designing programmes, machinery and processes. Testing also comprises a significant part of

the chemical engineer's job in order to ensure the safety of the operations and that everything goes according to plan. He/she also conducts comprehensive studies on the control and accountability of petroleum products.

The education requirement for this job is typically as follows:

BSc. Degree in Chemical Engineering

Geologist

A Geologist studies the structure, composition and history of the earth's crust. This would allow him/her to examine surface rocks and to determine the distribution, thickness and shape of the rocks beneath the earth's surface. In the case of natural gas for example, such examination would allow the geologist to more accurately identify gas reserves. Geologists also conduct geological surveys, draw maps, take measurements and record data.

The education requirement for this job is typically as follows:

BSc. Degree in Geology

Mechanical Engineer

A Mechanical Engineer provides engineering direction and management for field operations. He/she ensures that engineering records and practices comply with statutory and industry standards as well as help provide technical guidance to field operations.

The education requirement for this job is typically as follows:

BSc. Degree in Mechanical Engineering



Petroleum Engineer

A Petroleum Engineer is trained in oil and gas exploitation, processing and transportation; and normally specializes in certain areas such as drilling, production, reservoir engineering. He/she is required to conduct studies in order to estimate the reserves of oil and gas and to assist in the examination and appraisal of requests by companies.

The education requirement for this job is typically as follows:

BSc. Degree in Oil Technology or Petroleum Engineering.

Geophysicist

A Geophysicist studies the Earth using gravity, magnetic, electrical, and seismic methods and applies scientific principles to solve problems. Although some geophysicists spend most of their time outdoors studying various features of the Earth, others spend most of their time indoors using computers for modeling and calculations. Geophysicists may then be required to measure and chart the data they obtain from their tests and equipment readings.

The education requirement for this job is typically as follows:

BSc. Degree in Geophysics

Surveyor

A Surveyor is an engineer who determines the boundaries and elevations of land structures. He/she is responsible for conducting site visits and co-ordinating works being performed. The surveyor may also prepare maps of the land surveyed

including site features and other relevant information such as charts, drawings and survey notes.

The education requirement for this job is typically as follows:

BSc. Surveying and Land Information



Environment, Health and Safety Assistant

The Environment, Health and Safety (EHS) Assistant provides support services to the environment, health and safety functions of the organization. The Assistant would aid in the maintenance of EHS policies and procedures to help ensure the general safety and security of the workforce.

The education requirement for this job is typically as follows: **A Diploma/Associate Degree in Environment/Safety Management**

Environment, Health Safety Officer

An Environment, Health and Safety (EHS) Officer is the person responsible for the environment, health and safety aspects of the organization. He/she is therefore responsible for identifying and evaluating potential risks and advising, recommending and implementing systems, plans and programmes to help ensure the safety of employees and the preservation of the environment.

The education requirement for this job is typically as follows:

BSc. Occupational Safety, Environmental Sciences, or any



closely related field.

Corporate Lawyer

The Corporate Lawyer's purpose is to assist in proactively managing legal functions and risk. He/she is responsible for assisting in providing advice and counsel on legal and regulatory issues. The Corporate Lawyer may be required to negotiate and draft contracts, protect intellectual property such as patents and trademarks and provide general legal advice.

The education requirement for this job is as follows:

Bachelor of Law Degree

Communications Specialist

A Communications Specialist has the responsibility of developing and implementing strategies for promoting and enhancing the organization's relationship with its employees, customers and communities. The Communications Specialist is required to develop and maintain good relations by providing timely information and feedback to address any concerns or issues that may be raised.

The education requirement for this job is typically as follows:

B.A. Social Sciences, Mass Communications or other relevant Degree



Human Resource AssistantA Human Resource Assistant

provides administrative and general support services to facilitate the delivery of

timely and efficient human resource services. Such services include compensation, recruitment, training and leave administration.

The education requirement for this job is typically as follows:

Five GCE O'Level or CXC General Proficiency subjects including Mathematics and English Language

Human Resource Officer

A Human Resource Officer (HRO) is responsible for providing support in various human resource functions. Some of his/her main functions include compensation and benefits, recruitment and selection, training and development and performance evaluation. It is therefore the HRO's overall duty to look after the welfare of employees by providing the necessary human resource advice and assistance to staff and management.

The education requirement for this job is typically as follows:

BSc. Human Resource Management

Accounting Technician

The Accounting Technician provides the accounting support data to the company. He/she assists in the day-to-day accounting activities of the company. The responsibilities of an Accounting Technician mainly include preparing and analysing accounting reports, recording financial transactions and assisting the Accountant in providing internal and external customers with accurate accounting data.

The education requirement for this job is typically as follows:

ACCA Module A or B, or its equivalent.

Accountant

An Accountant ensures the timely provision of accurate accounting information to



facilitate managerial decision making.

The accountant has an important role in any organisation as he/she is responsible for

monitoring and managing the financial performance of the organisation. The key duties of an Accountant include preparing and administering budgets, compiling and analysing financial information, preparing profit and loss statements and cost accounting reports and interacting with internal and external auditors.

The education requirement for this job is typically as follows:

Professional Accounting qualifications or a First Degree in Accounting or Finance.

References

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