



Headquarters at Plot 15 Yusuf Lule Road, P.O Box 36316, Kampala, Uganda

THE UGANDA NATIONAL OIL COMPANY LIMITED (UNOC) IS RECRUITING

The Uganda National Oil Company (UNOC) Ltd was established under the Petroleum (Exploration, Development and Production) Act and the Petroleum (Refining, Conversion, Transmission and Midstream storage) Act, both of 2013 and incorporated under the Companies' Act, 2012. It is a limited liability company wholly owned by the Government of Uganda.

The overall function of UNOC is to handle the State's commercial interests in the Oil and Gas industry and ensure that the resource is exploited in a sustainable manner.

UNOC now invites applications for persons interested to develop their career with a fast paced, dynamic results-oriented and growing Company to occupy the following positions:

UGANDA REFINERY HOLDING COMPANY

JOB TITLE: ELECTRICAL ENGINEER (1 VACANCY)

REPORTS TO: MANAGER, KABAAL INDUSTRIAL PARK

TENURE: CONTRACT BASIS (2 YEARS WITH A POSSIBILITY OF RENEWAL)

JOB PURPOSE: To design electrical systems including installation of power generation and distribution systems, understanding and evaluating electrical equipment performance, liaise with the IT department in the development IT Networks for the Industrial park, while working closely with operations and maintenance.

Essential Duties

1. Identify Front-End Engineering & Design (FEED) and implementation deliverables necessary for the electrical scope of the projects.
2. Participate in the design of medium and low voltage power generation and distribution systems.
3. Prepare electrical load lists, schematic diagrams, single line diagrams, cable schedules and MTO using electrical engineering software, such as Smart Plant Electrical.

4. Lead Electrical Engineering efforts for multiple assigned projects in a timely, safe, and cost-effective manner.
5. Review and approve electrical equipment specification sheets from the engineering contractors prior to procurement of equipment and materials.
6. Review vendor/contractor's single line drawings, wiring diagrams, equipment specifications (including transformers, MCC, switchgear, substation equipment); power plans, conduit plans, cable schedules, system studies and protective relay settings
7. Perform calculations for equipment sizing, cable sizing, lighting, grounding and heat tracing
8. Support the maintenance and operation of plant electrical power generation and distribution systems
9. Prepare and implement inspection and maintenance schedules of the equipment and electrical installations in accordance with the manufacturer's specifications
10. Participate in the factory acceptance tests for Electrical equipment
11. Interface with engineering contractors, refining personnel, electrical vendors, contractors, engineers and all relevant team members through all project phases.
12. Interface with UETCL, UEDCL or UMEME, as may be required during project development and implementation.
13. Interface with the UNOC IT department in the development IT networks, control and data centres and voice communication systems for the Kabaale Industrial Park.
14. Promote the use of alternative energy sources like solar and wind and use of energy saving techniques.
15. Review construction work packages to ensure quality deliverables are available for the Construction group
16. Any other duties as may be assigned by the CEO or Management.

Qualifications and attributes:

- a) An honours bachelor's degree in Electrical Engineering from an accredited institution.
- b) Registration with the Uganda Institute of Professional Engineers or Engineers Registration Board (U) or the equivalent is an added advantage.
- c) A minimum 5 (five) years of post-degree electrical engineering experience in detailed engineering design and or maintenance in the refining, petrochemical, manufacturing industries or other industry.
- d) Experience with high, medium and low voltage power supply and distribution systems.
- e) Experience with ETAP, Smart Plant Instrumentation (SPI) or other relevant electrical engineering computer software.
- f) Experience in the design, and or installation and maintenance of IT networks and control/data centers, as well as telecommunications systems will be an added advantage

- g) Familiar with international codes, standards and recommended practices standards like ANSI, IEEE, NEC, ISA, NEMA, API, etc as well as area classification techniques as per NEC.
- h) Good understanding of HSE including the electrical safety codes of practice.
- i) Familiar with Uganda's electricity generation, transmission, and distribution regulations.
- j) Effective oral and written communications and excellent interpersonal skills with the ability to deal effectively with the design team in the resolution of project related issues.

APPLICATION PROCEDURE

- Download the application form from the UNOC career's portal at <https://careers.unoc.co.ug>
- Complete the form
- Send complete application form, Cover letter and supporting academic documents to recruitment.unoc@unoc.co.ug
- Indicate the position as the subject

APPLICATION DEADLINE

All applications should be submitted not later than **Thursday 8th September 2022 by 17:00 hours (5:00 pm EAT).**

NOTE:

- 1) ONLY applications submitted through email will be considered.
- 2) Applicants are required to scan and attach **CERTIFIED** copies of the required academic documents only e.g., Degree, Transcript, Diploma, A-level and O-level certificates
- 3) Only shortlisted and successful candidates will be contacted, and any form of lobbying will lead to automatic disqualification
- 4) Please forward any inquiries regarding this advert to recruitment.unoc@unoc.co.ug call telephone number +256 312 444 600.

UNOC is an equal opportunity employer. Applicants from the Albertine Graben are encouraged to apply.

CHIEF EXECUTIVE OFFICER