

WHO WE ARE

The East African Crude Oil Pipeline (EACOP) project is a Midstream development located across Uganda and Tanzania that includes a nearshore Marine Storage and Export Terminal (MST). Once completed, the EACOP Company will operate the East African Crude Oil Pipeline, a 1,443 km long, electrically heated crude oil export pipeline that transports oil from Kabaale - Hoima in Uganda, to the Chongoleani Peninsula near Tanga Port in Tanzania for crude export to the international markets.

Job Title:Electrical Engineer **Reports to:** Maintenance Engineer **Location:** Kampala **Job Type:** Full Time

JOB SUMMARY

The Electrical Engineer will be responsible for the Site electrical activities. He/she will oversee the electrical maintenance activities of PS1 perimeter, manage technicians, service contracts and interfaces with power grid stations or providers. He / she will oversee managing several service contracts such as UPS, Lighting, HVAC, vendors maintenance services.

DUTIES & RESPONSIBILITIES

Production Operations

- Responsible for maintenance and inspection activities of EACOP electrical equipment
- To ensure the performance / availability of the facilities, highlight miss-functions, compile relevant data, establish a diagnosis, produce corresponding report with corrective actions and participate in the implementation of the agreed plan.
- Prepares periodic or specific reporting of the maintenance activities under his/her responsibilities.
- Preparation/reviews of the complex or with external electric power provider interface PTW dossiers and confirm completeness.
- Preparation of Procedures for operation and shutdown instructions.
- Participation in production incidents or shutdowns are properly investigated and sign the associated production reports.
- Assists in identification of possible areas of optimization, potential improvement to increase equipment availability and cost reduction.
- Ensures execution of both planned and unplanned maintenances of electrical equipment so that to ensure optimization of equipment efficiency and availability.
- Participates in validation of the commissioning / pre-commissioning of new equipment or equipment modified; ensure the good management of the punch list after the hand-over.

Maintenance Operations

- Participates on budget / Work program preparation for light and heavy maintenance.
- Participates and assists in the preparation of annual maintenance shutdown activities plan.

Quality Assurance

- Assists in supervising and evaluating the performance of the Maintenance service contractor, secure that REXs are well implemented for the maintenance plan to be updated.

Site Management

- Responsible for overall site management by defining team member objectives, building the TEAM environment for PS1 perimeter, evaluates the personnel working in the team and make proposals for their training plan.

QUALIFICATIONS / EXPERIENCE REQUIRED

Academic Qualifications:

- Bachelor's degree in Electrical Engineering or a related qualification
- Good knowledge of CMIMS (Computerized Maintenance & Inspection Management System)

Experience Required:

- 10 years of experience in Oil & Gas industry, electric power service or a high potential, 3 years minimum as site discipline or multidiscipline leader or supervisor.
- MS office experience
- Experience in Primavera uses will be an added advantage.
- Other skills required: responsibility, natural authority, decision making, and good communication skills.

Job Title:Pipeline Inspection Engineer **Reports to:** Field Manager **Location:** Kampala **Job Type:** Full Time

JOB SUMMARY

The Pipeline Inspection Engineer will manage all inspection activities in PS1 perimeter: pipeline, corrosion, site, method, and contracts required to follow inspection plans. He/she will be the main interface and focal point for feeder line integrity management and corrosion and chemical treatment follow up. Corrosion coupons and intelligent pigging operation will be closely prepared and assisted by pipeline and inspection engineer and He/she will ensure that inspection scope and campaign are completed.

DUTIES & RESPONSIBILITIES

- Implements the Inspection Plans (written scheme of inspection) for the following equipment, pressure vessels, piping, PSD, pipelines, lifting equipment, structures.
- Ensures that equipment registers, Inspection plans scheduling, Inspection Reporting, remedial actions are managed with the dedicated CMIMS (Computerized Maintenance & Inspection Management System).
- Ensures that Inspections and Non-Destructive Testing are executed in compliance with the relevant Safety Rules, Inspection Plans, Technical Procedures and Standards.
- Ensures coordination of inspection activities on Site and supervision of inspection Contractors.
- Assists the Third-party representatives for the statutory inspections (Third Party certification, Authorities).
- Prepares / Reviews the Inspection Reports, including analysis of inspection findings, fit for service assessment, recommendation, or remedial actions.
- Proposes / Reviews the recommendations for corrective actions (material selection, design of equipment, coating, cathodic protection, operating conditions, corrosion inhibition...).
- Make sure that recommendations for remedial actions are issued in the CMIMS system and ensure their follow up.
- Ensures that repair / modifications / procurement of equipment comply with the relevant regulation, company rules, technical codes, and norms.
- Reviews management of change request when required.
- Participates to technical audits of contracted companies regarding Non-Destructive Testing, Welding, Piping/Pressure Vessel fabrication, Coating.
- Updates data required for Risk base inspection tools.
- Ensures lifting register, flexible register, temporary repair database is up to date.
- Be the focal point for inspection and corrosion exchange at PS1 Perimeters

QUALIFICATIONS / EXPERIENCE REQUIRED

Academic Qualifications:

- Bachelor's Degree in Mechanical Engineering or a related qualification

Experience Required:

- 2 years experience in NDT inspection technics

- Mechanics or Materials Engineer (or equivalent) with emphasis on mechanics, materials, metallurgy, and corrosion.
- Knowledge of Oil & Gas process equipment, technology, and pipeline.
- Good knowledge of international Codes, Standards and Regulation related to the inspection discipline (ASME, API, NACE)
- Good knowledge of materials, metallurgy, welding, corrosion, failure modes, Non-Destructive Testing, and inspection techniques.
- Knowledge of RBI methodology (Risk Based Inspection)
- Good knowledge of CMIMS (Computerized Maintenance & Inspection Management System).
- Good knowledge in Fitness for Service assessment methods (API RP 579, ASME, DNV)

Job Title:Instrument Engineer **Reports to:** Maintenance Engineer **Location:** Kampala **Job Type:** Full Time

JOB SUMMARY

The Instrument Engineer will be responsible for all aspects related to ICSS and Instrumentation during the maintenance and inspection engineering phase and shall bring assistance on this subject as and when required. She/he will participate to commissioning activities. During operation, She/he will be responsible for the maintenance needs of instrumentation, ICSS, and telecoms, including associated services company as well as contracts.

DUTIES & RESPONSIBILITIES

Management

- Ensures Instrumentations, ICSS, Metering and Telecom Support team cover the obligations in term of maintenance strategy update, performance monitoring, contract, and stock strategy. Define priorities to focus on delivering values matching with Field Operations Objectives.
- Produce, review guidance documents, procedure, standard related to his perimeter.
- Manage PS1 perimeter IMS system and data.
- Manage PS1 instrument technician and provide performance feedback.
- Interfaces with feeder Companies regarding shared systems.
- Follows ICSS, metering, ICSS major maintenance & Update.
- Ensures implementation of operation and maintenance strategy based on FO objectives. Ensure management system is up to date and in line with the Area performance objectives. Recover any REX from Area and analyse KPI to set-up maintenance strategy accordingly.
- Assess and audit CONTRACTOR procedure managing material repair in workshop are well implemented to secure reliable tracking system, follow-up, and progress.
- Ensures CONTRACTOR stock management by technology in line with criticality study, capability to repair and availability objective.
- Optimization: Review and challenge CONTRACTOR maintenance plan on instrumentation and ICSS and do proposal to reduce downtime and cost to optimize cost VS running hours.
- Secures life cycle management of equipment / packages; implement studies and action plan to secure maintainability of the plants (obsolescence).
- Responsible for implementing and sustaining all cybersecurity solutions to guard industrial network against cyber-attacks.
- PI system Administrator for Field Operations. Manages PI sustenance and development to adequately cover rotating equipment, metering, and other requirements.
- OPEX: Cooperate in terms of budget preparation for studies, ISS and modifications related to service.
- Ensures periodic reporting activities of the discipline and regular follow up and review thereof.

Operations:

- Advise the diagnosis related to major malfunctions and failures. Comments Contractor action plan and assess CONTRACTOR competencies and process to solve major malfunctions and failures. Support CONTRACTOR if required.
- Organizes and maintain instrument equipment database. Guarantee the quality of activity reporting, particularly through CMMS.
- Reliability: Responsible of COMPANY reporting regarding reliability improvement as a continuous practice to maximise plant availability; identify improvement opportunities in organization, facilities availability, and technical costs; represent progress in reliability meeting. Interface with operation team to collect information, or control issues.
- Follows KPI's defined and attend/prepare for meetings; update dashboard upon requirement, provide action plan for reliability meeting.
- Develops positive and constructive relationships with contractors and suppliers. Identify opportunities to improve contractor/supplier performance, reduce costs and improve the quality of services/products supplied.
- Acts as technical discipline focal point on specific project/work scopes and contracts, taking a lead role in the involvement/co-ordination of, and interface between, site/ teams/contractors ensuring effective communication and understanding between appropriate parties.

Engineering Studies

- Proposes solutions to optimize the operating cost.
- Consolidate ICSS, Metering, Telecom & Instrumentation part of Software Modification workflow issued by site dealing with ICSS and instrument discipline.

DUTIES & RESPONSIBILITIES

Academic Qualifications:

- Bachelors of Engineering
- + 5 level with specialization in ICSS or Instrumentation, or equivalent proven experience (Engineer)
- Industrial information security system training

Experience Required:

- 10 years experience in instrument, telecom and ICSS maintenance and management competence in cyber security, oil/Electric/production/terminal knowledge.
- Experience in industrial maintenance and maintenance methods.
- Experience in team/contract management.
- Very good knowledge of Instrumentation and Fundamentals of Legal Metrology in metering of petroleum products.
- Reliability, autonomy, analytical, organizational capacity, and leadership
- Sense of method, flavor analysis, rigor, and organizational skills

Job Title:Maintenance Engineer **Reports to:** Field Manager **Location:** Kampala **Job Type:** Full Time

JOB SUMMARY

The Maintenance Engineer will be responsible for managing the mechanic maintenance activities and EACOP Ugandan maintenance coordination for all discipline and site mechanical technician and several maintenance contractors. The role will be responsible for maintenance activities for perimeter 1: feederline,PS1, PS2, MLBV station in this area. Support the Site Electrical Technicians for electrical activities.

DUTIES & RESPONSIBILITIES

HSE:

- Adopt and demonstrate exemplary behavior with regard to HSEQ rules & requirements and Company Ethics & “Code of Conduct” policy.
- Participate in the development and implementation of Environmental management System (EMS) in MST perimeter.
- Permanently checking the safe status of the facilities.
- Editing operational procedures for the routine operation as well as for the specific operations.
- Participate to the HAZID, HAZOP and Cause Tree Analysis.
- Participate to PTW audits.
- Ensure that all operating procedures used for the operational discharge are updated.
- Organize roving routine and on-site visit to check regularly the operational and safety /environment status of the facility.
- Contribute for the set-up an HSE plan to meet HSE annual target.

Production Operations:

- Ensure the performance / availability of the facilities, highlight miss-functions, compile relevant data, establish a diagnosis, produce corresponding report with corrective actions and participate to the implementation of the agreed plan.
- Prepare periodic or specific of reporting of the activities under his/her responsibilities.
- Supervise the preparation of the PTW dossiers and confirm completeness prior to pass them to RO.
- Highlight miss-function, compile all relevant documentation, participate to the establishment of a diagnosis and enforce agreed corrective actions.
- Participate on the validation of the 5WLA planning of the site and provide regular update to the MST back office for all activities carried out or under campaign. Identify potential clashes and propose alternative sequences.
- Identify the solutions for optimization in terms of HSE, organization, availability and maintainability, reduced technical cost.
- Participate to the definition and approve scope of partial or full field shutdown.
- Approve all the procedures for operation and shutdown instructions.
- Ensure that production incidents or shutdowns are properly investigated and sign the associated production reports.
- Identify possible areas of optimization, potential improvement to increase equipment availability and cost reduction.
- Enforce the recommendations from the engineering support team and request assistance from base as needed.
- Evaluate and participate on the validation of the Site Modification Request (SMR/RFM); consolidate the technical dossier on maintenance side.
- Validate the commissioning / re-commissioning of new equipment or equipment modified; ensure the good management of the punch list after the hand-over.

Maintenance Operations:

- Participate on Work program preparation for maintenance in perimeter 1.
- Review Ugandan maintenance contractors quality and performance.
- Ensure the good management of the campaign maintenance preparation and execution.

Quality Assurance:

- Evaluate the performance of the Maintenance service contractor, secure that REXs are well implemented for the maintenance plan to be updated.
- Audit and evaluate the performance of maintenance contractors on site and suggests ways to improve performance (including specific training courses), Organize multi-discipline audits of the installation in coordination with Contractor’s discipline manages.

Site Management

- Responsible for overall site management by defining team member objectives, building the TEAM environment for PS1 perimeter, evaluates the personnel working in the team and make proposals for their training plan.

QUALIFICATIONS / EXPERIENCE REQUIRED

Academic Qualifications:

- Bachelor’s Degree in Mechanical Engineering or a related qualification
- Good knowledge of CMIMS (Computerized Maintenance & Inspection Management System)

Experience Required:

- 10 years of experience in Oil & Gas industry with 4 years of site experience.
- Site -multi sites and multidiscipline planning preparation or activity management experience.
- Mechanical maintenance experience.
- MS Office experience
- Experience in Primavera uses will be an added advantage.
- Other skills required: responsibility, natural authority, decision making, and good communication skills.

HEALTH, SAFETY & ENVIRONMENTAL RESPONSIBILITIES

EACOP is committed to ensuring that the health, safety and welfare of workers, communities, and the environment are well addressed and managed. Therefore, the employee is mandated to:

- Fully complies with Company H3SE (Health, Safety, Social, Security & Environment) policies and Life Saving Rules.
- Actively participates in HSEQ and promotes this culture to co-workers.
- Remain vigilant and maintain continuous awareness of potential unsafe conditions.
- Communicates to management any HSE related concerns and ways to improve them.
- Maintains a workplace & workspace that is safe, clean, and always neat - practice good housekeeping.

HOW TO APPLY

The qualifying applicant must submit his/her Curriculum Vitae CV and a Cover Letter explaining why he/she is the suitable candidate for the position. Please submit your application only through ANY of the contact information provided below. Application deadline is on 1st November 2024.

Seaowl: <https://jobs-eastafrica.seaowlgroup.com/#JoinUs>

Qsourcing: <https://www.qsourcing.com/jobs-in-uganda/>.

Truenorth: oil.gasjobs@truenorthafrica.com

NFT: inquiries@nftconsult.com