

JOB DESCRIPTION

POSITION: Electrical & Instrumentation Engineer

DIRECT SUPERVISOR: Principal Engineer/ CEO

APPLICATION GUIDANCE:

1. Contract position for 6-months in the first instance.
2. Interested persons should first review the Job Description below to determine their suitability for the position.
3. Serious applications only should be submitted via email to admin@syleng.com with email subject "E&I Engineer Employment Application".
4. Your application should include a pdf copy of the completed Employment Application Form and detailed CV.
5. Confirmation of receipt will be provided via email on receipt of your application.

KNOWLEDGE & EXPERIENCE REQUIRED:

1. A first degree in Instrument/Control/Electrical Engineering or an equivalent qualification from a recognised, accredited institution.
2. A minimum of two (2) years relevant experience as an electrical, instrumentation or controls engineer within an Oil and Gas environment.
3. Knowledge of the design, operation and maintenance of Electrical, Instrumentation Equipment and Controls systems.
4. Knowledge of plant maintenance philosophies.
5. General knowledge of Distributed Control System (DCS), Safety Instrumentation System (SIS) and Programmable Logic Controller (PLC) systems and low voltage switchgear and motor control centers.

SYLENG EMPLOYMENT PRE-REQUISITES:

1. Valid UKOOA Medical Certificate.
 2. 7-point Drug Test Certificate (not older than 1 month)
 3. Good Police Certificate of Character (not older than 6 months)
 4. Two Character References (*preferably from previous employer(s) and or individual(s) to whom the candidate is known for a minimum of 5 years*)
 5. Signed CV and completed SYLENG Employment Application Form.
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RESPONSIBILITIES OF THE E&I ENGINEER:

1. Provides engineering input and support on EI&C systems by working with relevant personnel on trouble-shooting problems.
2. Provides engineering input to ensure optimum plant and equipment reliability by participation in or facilitating Root Cause Failure Analysis (RCFA) studies.
3. Provides input, through the Equipment Specific Management Practices (ESMP) process, to the formulation and implementation of a maintenance program to ensure an adequate schedule for maintenance and safe and efficient equipment.
4. Designs the implementation of engineering modifications to the plant and equipment in accordance with the defined Engineering Technical Practices and the Management of Change (MoC) process.
5. May be required to perform minor project management functions for EI&C systems, modifications and projects by formulating the technical scope of work, cost estimate and schedule and by monitoring design and implementation to ensure that work is carried out in accordance with the technical requirements and conforms to recognised engineering practices and safety regulations.
6. Supports monitoring of plant and equipment performance by direct observation, by utilising available engineering tools and through the use of technical reports.
7. Ensures the appropriate information is provided to vendors and service providers as applicable when performing work at the Atlantic facility.
8. Assists in ensuring that all designs and modifications/alterations to Process Plant, Equipment and Systems are performed using accepted engineering methods, standards and practices including the Atlantic Asset Integrity Management (AIM) Standard, Management of Change (MoC) procedure, Engineering Technical Practices (ETPs) and Site Technical Practices (STPs).
9. Cooperates in ensuring that the workplace is safe for everyone and takes reasonable care to ensure that nothing is done to endanger self or others or cause avoidable damage to the environment.
10. Demonstrates adherence to the Company's health, safety, security and environmental policies and procedures by exhibiting the required behaviours.
11. Performs any other related duties as assigned by the Supervisor.