

Connex Personnel is currently seeking an **Electrical and Instrumentation (E & I) Engineer** for a local oil and gas client. This is a temporary position for an approximate 6-month term. This is a position based in St. John's within the Reliability team and will report directly to the Manager – Mechanical, Electrical and Instrumentation Engineering. Work schedule will be Monday-Friday, 8:00 am - 5:00 pm.

Approximate start date April 10, 2023

OVERVIEW:

Reporting to the M, E and I Manager, the E&I Engineer will provide engineering support to the reliability engineering team as outlined in the responsibilities section outline below. The E&I Engineer ensures assigned scope of work are evaluated using a questioning attitude to ensure the work is effectively completed in line with expectation of the task and the M, E & I Manager.

REQUIRED SKILLS/KNOWLEDGE:

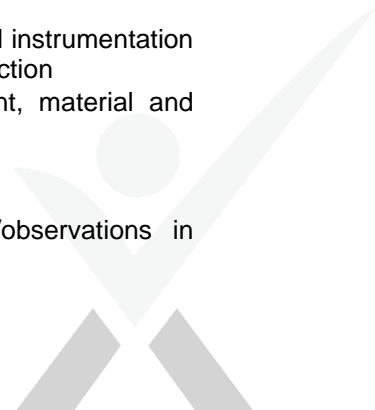
- Degree in Engineering and Professional Engineering designation with minimum 5 years related experience in the petro-chemical/ oil and gas business
- Experience in electrical safety, power generation/distribution, small power equipment, heat trace and electric motors
- Demonstrated knowledge of industrial process instrumentation, fire and gas detection equipment, metering systems, safety instrumented systems, hazardous locations and control valves
- Knowledge and experience in environmental, safety and loss prevention process and practices
- Demonstrated knowledge of risk management processes including risk assessment and risk mitigation planning.
- Demonstrated knowledge of Project Management, and the ability to lead through influence
- Demonstrated knowledge of industry practices, standards, rules and regulations
- Planning, communication (presentation and technical writing), and continuous improvement / engineering skills required to deliver overall value
- Computer fluent MS/Office and experience with SAP

GENERAL CAPABILITIES:

- Written communications clarity
- Work prioritization skills
- Familiarity with East Coast offshore regulatory environment.
- Computer skills - MS Office

RESPONSIBILITIES:

- Provide technical support on electrical and instrumentation issues as required including Process Hazard Assessments (PHA)
- Develop and optimize planned maintenance strategies of electrical & instrumentation equipment
- Maintain electrical and instrumentation discipline documents
- Provide technical support and input to project and life of field teams on electrical and instrumentation issues, including project design reviews, technical specifications, and equipment selection
- Create and update material masters for electrical and instrumentation equipment, material and components
- Steward and develop monthly Safety Critical Element (SCE) reports
- Responsible for management of Safety Instrumented Systems (SIS)
- Support Regulatory Query Form (RQF) development and regulatory queries/observations in cooperation with Operations support group



- Resolve electrical and instrumentation related Technical Queries (TQs) and develop Change Requests (CRs) as required, ensuring adherence to the Management of Change process
- Drive continuous improvement in performance and carry out commercial support e.g., contract adherence, scope of work generation, and invoice verification
- Support M, E and I manager in planning, prioritization and execution of work-scopes
- Provides technical advice, and mentoring to other engineers including students and contractors
- Provides guidance to Operations / Electrical and instrumentation maintenance personnel as required
- Makes recommendations that affect safety and production

Please submit your resume to hr@connexpersonnel.com

