



The Quaderra Group specializes in the placement of technical and executive professionals in the energy and resource industries within Canada and around the globe. We utilize an innovative and proactive approach to reveal hidden talent to our clients and well-matched opportunities for our candidates. Our priority is to maximize the fit between companies and candidates. We look for the right fit – beyond the resume. This means we focus on getting to know YOU. This includes not only your skill set, but understanding what's important to you to help determine what you really want. We work for you – your satisfaction is our success.

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**JOB ID #: C11478**

**JOB TITLE: Turnaround Engineer**

**POSITION LOCATION: Plant / Site Based Position: Northern Alberta (Relocation to Cold Lake, Bonnyville or Rotational position)**

**OPERATING AREA: Oil sands**

**Our Client:**

Our client is a Calgary headquartered producer with interests in the oil sands, and conventional oil and gas production throughout Alberta and Saskatchewan. The company utilized fresh and innovative approaches and technology for recovery of oil and gas within their properties. With an excellent financial position, expansive assets and low risk profile, the company is set up to achieve long term growth.

The Company is seeking an experienced Turnaround Engineer to join their Maintenance and Reliability team focused on their SAGD operation. The primary objective of the Turnaround Engineer is to effectively provide reliability services to the overall SAGD operation with emphasis on turnaround practices. You will provide technical direction and guidance for major turnarounds to extend the interval between shutdowns. Building effective relationships with all involved stakeholders and working closely with Operations, Maintenance and Engineer as well as Equipment Integrity groups to identify, plan, coordinate and execute activities is key. Additionally the candidate will bring expertise to support the development of an effective turnaround management process to support our future growth that demands a safer and more reliable operation.

The Maintenance and Reliability team workload is driven by two main activities: 1. regular monitoring and surveillance of equipment within the process context and, 2. utilize reliability tools in an effort to convert the nature of reactive events to proactive / preventative maintenance and condition monitoring.

**Responsibilities/Accountabilities:**

- Lead the development of an effective T/A management process and its documentation based on best practices and previous experience
- The T/A Engineer will eventually become an active member of the site's turnaround organization supporting the turnaround execution group as well as the future turnaround manager

- Act as the single point of contact for management of change engineering projects as well as capital projects activities to be completed during the turnaround
- Compile reliability improvements to be included in the turnaround and ensure that they are planned and scheduled effectively
- Optimize the scope of engineering activities and projects
- Team up with Process Engineers to optimize ramp-down and ramp-up strategies
- Support the Facilities Integrity group with engineering technical support as needed before and during the turnaround
- Provide engineering technical support during turnarounds to recommend on as found work & remediation plans and compile engineering recommendations to manage found work:
- Responsible for developing found work management process, including identification and approvals to support the execution team
- Develop action items from found work to modify predictive maintenance strategies for equipment as needed
- Support risk assessments for turnaround and outage activities
- Organize / coordinate Engineering technical support during turnarounds
- Support T/A planner with work scope, logistics, budgeting and cost estimates
- Apply technological advancements and engineering practices to extend the frequency of our T/A cycle
- Establish the optimal "run length" based on reliability studies and recommendations
- Support / facilitate lessons learned activities from turnaround and outages
- Create and analyze T/A metrics for continuous improvement of turnaround and outages
- Analyze cost data and forecast final cost of turnarounds
- Optimize cost estimates
- Lead studies and development of turnaround best practices and continuous improvements, e.g. supply chain & inventory preparedness for T/A; opportunities for the reduction of unnecessary delays through six-sigma and lean practices
- Lead / support the research of new and existing technologies for equipment cleaning practices (e.g. desand systems, on-line systems) and implement improvements on site to reduce costs and downtime. Work with our Research & Development team and external vendors/suppliers/consultants as required
- Sponsor design modifications for the implementation of improved cleaning processes, e.g. pigging loops
- Build implementation plans for cleaning activities during site turnarounds and train outages for vessels, tanks and heat exchangers to aid with inspection activities
- Ensure that cleaning activities follow safety and environmental regulations and rule
- Ensure that waste disposal is minimized
- Create, update and manage equipment cleaning manuals and ensure that cleaning practices and procedures are followed
- Work out best intervals for tank cleaning frequencies

**Skills/Qualifications:**

- Must be legally entitled to work in Canada
- Bachelor's degree in Engineering from an accredited College or University, with a minimum of 7 years of engineering experience. Other combinations of Education and Experience will be considered.
- Previous involvement in turnaround activities is a MUST, either as a planner or in a supervisory role
- Working knowledge of plant equipment codes (e.g. ASME) and provincial regulations (e.g. ABSA)

- Demonstrate leadership in the area of safety. This requires observing and enforcing safety rules and practices, encouraging safe work behaviors, and promptly correcting conditions and unsafe behaviors, which may lead to accidents
- Strong communication skills
- Ability to manage multiple work streams while delivering to target dates
- Demonstrated accomplishments in improving overall asset/equipment reliability would be an asset
- Team oriented and self motivated
- Ability to positively influence multiple stakeholders
- Ability to support multi-disciplinary initiatives
- Maintain high ethical standards
- Foster open lines of communication
- Ability to either relocate to the Cold Lake / Bonnyville, AB or willingness to work a rotational schedule.

**Compensation/Remuneration:**

Competitive base salary, performance bonus, long term incentives, extensive benefits and vacation program, savings, pension and allowance.

**How to Apply:** If you are interested in this position, please submit your resume in Word or .RTF format to [info@quaderra.com](mailto:info@quaderra.com) including job ID #C11478 in the subject line. Thank you.