



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.

JOB ID #: C10222

JOB TITLE: DCS & Controls Engineer

POSITION LOCATION: Calgary, AB

OPERATING AREA: Oil sands

Our Client:

Our client is a well financed oil & gas company based in Calgary with its principal assets and interests being within the oil sands in Northern Alberta.

The purpose of this position is to contribute to the success of the SAGD operation by applying experience and expertise in DCS and control systems management. This role works closely with the Plant Production Operations, Maintenance, and Process Engineering to provide expertise in the optimization and trouble shooting of plant processes via the DCS and control systems.

Responsibilities/Accountabilities:

- Responsible for the performance and reliability of the large scale DCS system. You will ensure that the reliability level is sufficient to support the operations and you will ensure that mechanisms are in place to keep the system at that reliability level.
- Working with the DCS specialists within the design group, you will engage in building, start-up and fit-for-purpose DCS control system; related plant data information system.
- Working with the maintenance group, you will be providing direct input to the overall monitoring of the system health, responding to all system reliability concerns, and deploying a system recovery plan and a disaster recovery plan.
- Responsible for developing a DCS management strategy to ensure its reliability and change control.

- Ensure that the DCS vendor contract provides sufficient level of support and is kept current by reviewing with a product representative on a bi-annual basis.
- Respond to emergency calls relating to system malfunctions, perform a diagnosis of the problem, and resolve the problem or assign appropriate support staff.
- Monitor system publications and network to anticipate potential problems, confirm opportunities, and design a plan to capture.
- Plan and lead the execution of DCS system upgrades. Identify and incorporate improvements to ensure the effective intro. of same.
- Take ownership of the DCS system and tag databases and act as a resource broker for all projects that demand DCS resources.
- You will work closely with DCS control system vendors to address current and/or long term integration issues.
- You will anticipate future control system functionality requirements and ensure the control system is positioned to accept the changes to functionality.
- Identify and submit budgetary requirements for the improvement and maintenance of the DCS and plant information systems
- Responsible to identify threats, opportunities and capturing relevant information about the function of the plant control system and plant information system. Represents Operations interests in the final design and integration of the plant automation system.

Skills/Qualifications:

- Chemical, Electrical, or Computer Engineering degree with a PEng. designation required.
- Minimum of 5 years of experience in control system engineering and maintenance experience in oil and gas processing industries.
- Demonstrate proficiency with automation and DCS control systems.
- Must be knowledgeable with PLC logic programming and interfaces with DCS control systems and Visual programming environment.
- Experience with system start-ups and system performance accountability.
- Strong verbal and written communication skills.
- Demonstrated problem solving skills through use of structured processes.
- Ability to anticipate potential problems and convey solutions.
- Ability to work in an operations environment with a number of stakeholders, operations and maintenance.

Compensation/Remuneration:

Competitive base salary, bonus, stock options, and competitive benefits package.

How to Apply: If you are interested in this position, please submit your resume in Word or .RTF format to info@quaderra.com including job ID #C10222 in the subject line. Thank you.