

## Process Control Systems Project Engineer

The Primary Purpose of this position is to provide technical support to Process Automation related Capital Projects at the Joffre site. This includes providing project coordination capabilities and reviewing engineering packages for technical quality.

### LOCATION

Joffre/Red Deer, Alberta

### RESPONSIBILITIES

- Work with external engineering service providers to ensure clarity of project scope and quality engineering design packages.
- Work with Automation equipment vendors, if required, to ensure new control systems equipment can be integrated with existing equipment and meet project objectives.
- Work in concert with the rest of the Control Systems team to explore and implement new control systems technology and applications that supports the short and long-term manufacturing excellence goals of the company.
- Use control systems technical expertise to assist project management, as required, in the:
  - Develop project business cases.
  - Facilitate project risk reviews.
  - Resolve discrepancies between engineering design and desired project outcomes.
  - Procure Control Systems equipment.
  - Identify and implement Safety, Health, Environment and Risk improvements.
  - Act as the Designated Site Representative (DSR) for contract employees working on site. Responsibilities of the DSR role include signing contractor time sheets and ensuring contractor meets Responsible Care expectations.
- Oversee detailed engineering activities and ensure quality targets are met within engineering design packages.

### REQUIRED EDUCATION & EXPERIENCE

- B.Sc. in Process Control Systems (or related) Engineering with eligibility for registration with APEGGA and a minimum of three years work experience, preferably in a project engineering role.
- Strong co-ordination and networking skills are a definite asset in this role. During development of the design of control systems projects the incumbent will be required to gather input from end users and internal technical experts and then work with the equipment vendors and/or the engineering company to develop a quality engineering product that meets the objectives of the project.
- Self-motivated with excellent interpersonal and organizational skills.
- Strong team players are required. The incumbent will interact with people of varying educational and experiential backgrounds. Recognition of these differences and appreciation of what different people bring to the team is crucial.



## **KNOWLEDGE, SKILLS, and ABILITIES**

The Joffre site uses the following Automation technologies. Knowledge and experience in these technologies would be considered a definite asset:

- Honeywell DCS systems, including TPN/TPS/PKS.
- Rockwell/AllenBradley PLC platforms – primarily PLC5 and ControlLogix
- Schneider Electric Modicon PLC – 984 and Quantum vintages
- Honeywell FSC
- Siemens Maxum Gas Chromatographs
- Triconix
- Honeywell Experion SCADA Pipeline Control System
- Understanding of Process Control system architecture as it relates to security, functionality and performance expectations.
- Experience Microsoft Windows administration and secure control networks experience in an operating plant environment would be considered a definite asset.

**For more information contact Kurt Simon at 403-314-8384.**

**To respond to this posting, please send your resume to:**  
[WestCdnResumes@novachem.com](mailto:WestCdnResumes@novachem.com)

**Competition deadline:                      February 1, 2010**

