



## KOCH FERTILIZER CANADA, ULC

### GROW YOUR FUTURE WITH KOCH FERTILIZER CANADA, ULC!

- A **culture** that places top priority on integrity and compliance
- Opportunity for career growth at one of the largest, financially stable companies in the world
- Encouragement to **challenge** the status quo and share knowledge
- Responsibilities and rewards based on contributions
- Continued **company growth** as a result of reinvesting 90% of our earnings

Based in Brandon, Manitoba, we synthesize and blend nitrogen, phosphate, and sulfur products with ammonia, which we market primarily in the prairie provinces of Canada and the northern United States. Operating 24 hours a day, 365 days per year, we employ approximately 270 dedicated team members. Our fundamental commitment to safety, health, and environmental stewardship drives all our processes.

### PROCESS CONTROLS ENGINEER

#### You will:

- Work cross functionally with Koch Reliability, Operations, Maintenance, and EH&S teams and be responsible for ongoing controls system reliability efforts for the Brandon plant, including management of small projects and providing capital project support for instrumentation and controls. The successful applicant will report to the Instrument Reliability Manager
- Be a Reliability SME support for DCS upgrade, version upgrades to the latest release, business continuity (disaster recovery) planning, cybersecurity consultations, advanced process control solutions, integration with PLCs or other third-party systems
- Provide post-project engineering solutions and support to Delta V, SIS, AMS, Delta V Analyze automation systems

#### Job Responsibilities include:

- Working with product technologies such as DCS, SIS, AMS, PLC, 3rd Party devices and interfaces, networking, and instrumentation
- Implementing control methodology in DCS, PLC or HMI platforms with a high level of understanding of various programming languages
- Managing small projects for instrumentation & controls
- Providing support to operators for control performance issues
- Troubleshooting and developing repair strategies for new and existing plant controls equipment
- Participating in DCS upgrade integration testing and FAT
- Updating Cause & Effect (C&E) Diagrams and instrument databases to perform I/O assignments, generate control system specifications and develop system architectures of varied complexity without assistance
- Loop tuning and control loop performance improvement.
- Using industry standards and trends to improve design practices, drive cost reductions and identify standards requiring revision

#### The Qualifications you have include:

- At least five years of combined process and process control engineering experience
- Bachelor's degree in Instrumentation or Electrical Engineering, or related engineering degree with applicable experience
- Proven organization and time management skills; detail-oriented; high level of integrity, honesty and professionalism; ability to work independently
- Excellent verbal and written communication
- Strong analytical, critical, economic thinking, problem solving and customer service skills
- Ability to multitask in a fast-paced environment

**What Will Put You Ahead (Preferred Qualifications):**

- Design, implementation, and programming experience with Delta V (or equivalent) DCS and SIS control systems in a chemical processing facility
- DCS/SIS/PLC programming capability
- Field instrumentation selection/specification experience
- Functional safety knowledge
- Working knowledge of LOPA, C&Es, SRS and SIL ratings
- Knowledge of process industry standards and codes, i.e. OSHA, ISA, IEC, NFPA, etc.
- Project management experience

**The work environment you'll be entering requires and includes:**

- Ability to work in an industrial manufacturing environment
- Availability for flexible hours based on job requirements
- Manual dexterity required to use desktop computer and peripherals
- Ability to work outdoors in all types of weather
- Ability to climb stairs, ladders, and work at heights
- Occasional exposure to fumes/airborne particles
- Ability to pass pulmonary breathing test
- Ability to wear a gas mask-type respirator and PPE
- Tolerance to occasional exposure to fumes or airborne particles and toxic/caustic chemicals with appropriate PPE
- Unassisted physical mobility in and around plant and equipment
- Ability to sit, stand, kneel as necessary
- Ability to travel to and enter site to access equipment
- 10% travel, including air

We offer a full extended benefits package including health and dental coverage, pension, and subsidized investment options, as well as nationally-competitive wages and performance-based bonuses with a team that is committed to success! Relocation may be available for this position.

**If you are ready to step into an exciting position with Koch Fertilizer Canada, please apply online at:**  
<https://kochcareers.taleo.net/careersection/2/jobdetail.ftl?lang=en&job=058009>

**Want to learn more about Koch Fertilizer?**

[www.wearekoch.com](http://www.wearekoch.com)



*Koch Fertilizer Canada, ULC is an equal opportunity employer and we encourage all qualified candidates to apply. Respectfully, we can only acknowledge those under consideration.*

*By applying to this position you are confirming that you possess valid Canadian work authorization.*