



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** due to reinvesting 90% of our earnings

Based in Brandon, Manitoba, Koch Fertilizer Canada, ULC's operations have been producing agricultural fertilizer products since 1967. 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 260 dedicated team members. At KFCU, our fundamental commitment to safety, health, and environmental stewardship drives all our processes.

PROCESS ENGINEER

You will:

- Optimize the production process within established constraints, and understand how to reduce constraints
- Develop plant health monitoring reports - recommend process changes such as catalyst and operating strategies
- Provide engineering calculations to Operations and Projects teams
- Provide technical support to operations teams regarding monitoring, troubleshooting and resolving process upsets
- Work with reliability teams to develop maintenance strategies
- Implement industry best practices by staying up to date with current trends and developments
- Mentor junior process engineers and interns to achieve process optimization and operational excellence
- Assist in ensuring safe and reliable plant process operation complying to all regulations

Functional duties:

- Provide functional leadership to identify opportunities for improvements in process areas, in conjunction with operating teams, to increase production, efficiency, utilization, safety or environmental values
- Write process specifications based on studies for problem solving, optimization, or new projects, which include process flow diagrams, heat and material balance, and instrumentation/control needs
- Lead/participate in process troubleshooting and equipment failure investigations
- Provide support for Process Safety Management improvements
- Own and update Process Flow Diagrams (PFD) and production operating limits
- Own and update the material and energy balances for the area
- Maintain a process utility spreadsheet and process design narrative to support other project disciplines
- Prepare functional descriptions of the process to describe required operation to the automation group
- Assist in providing technical data in preparation of construction packages, operating procedures, environmental permit applications and reports
- Review project documents, ie. approval drawings and equipment specification sheets (cut sheets)
- Develop process documentation and training materials for new or retrofitted processes and equipment
- Provide monthly formal reports, interacting in company discussions, and attending process group meetings

The successful candidate must have a passion for the industry and will report to the Area Supervisor.

The qualifications you have include:

- Bachelor's Degree in Chemical Engineering from an accredited post-secondary institution
- At least three (3) years of process engineering and/or design experience, preferably in continuous flow manufacturing
- Experience with development and successful implementation of major change initiatives
- Knowledgeable and conversant with heat and material balances, developing specifications for heat exchangers, pressure relief valves and vessels, process hazard analysis and process simulation software

- Proven leadership skills, organizational skills, high work standards, strong technical abilities, strong business skills, and personal accountability
- Professional Engineer (P. Eng) designation or eligibility is considered an asset
- Excellent communication, problem-solving and team skills
- Working knowledge of Microsoft Office Suite

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 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

Koch Fertilizer Canada, ULC Offers 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 in an environment 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=060104>

Want to learn more about Koch Fertilizer?

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.