



Process Engineer / Senior Process Engineer – Sulphuric Acid

The Company

Chemetics Inc. (a Jacobs Company) is a diversified technology company that provides design and engineering solutions to the chloralkali, sodium chlorate, chlorine dioxide, and sulphuric acid industries worldwide. It is a Company with diverse cultures, talents, and highly skilled professionals. Located in **Vancouver**, we offer an exciting environment, interesting and challenging work, attractive compensation, benefits package, and flexible work arrangements.

Position Summary

We have a requirement for a process engineer who is at the intermediate stage of their career.

The process engineer leads or works with lead engineers on the process design for projects and proposals in accordance with design standards or “understood” acceptable practices. The engineer is also expected to provide technical support to clients through the completion of plant audits, participation in plant commissioning, feasibility studies, or R&D projects. Work is performed under guidance of the Chief Process Engineer and/or designate. The process engineer may also provide guidance, supervision and mentoring of EITs or less experienced engineers on projects and proposals.

Primary Responsibilities

- Develop solutions to complex problems that require a high degree of innovation and ingenuity.
- Participate in the design of a process plant, including development of process options and optimization of selected design.
- Development of PFD's, PID's and Process data sheets.
- Direct the preparation of required documentation for assigned projects.
- Calculate and organize information for the process design including instrumentation and control considerations.
- Ensure successful completion of the assigned deliverables within the budgeted time and costs for both reimbursable and fixed cost projects.
- Plant Commissioning and Technical service.
- Maintain effective communication with project team members and customers.

Qualifications

- Recognized Bachelor's degree in Chemical Engineering required.
- Minimum of 5 to 10 years of applicable engineering experience required.
- Experience in sulphuric acid or sulphur industries is required. Experience can be either design/operation at large industrial plants or through plant designs.
- Excellent oral including presentations and written communication skills required.
- Good interpersonal skills required.
- Ability to work under tight timelines which require strong organization and time management skills.
- Ability to travel internationally for project review meetings and commissioning / technical service of our projects required.

- Candidates must be able to travel without any visa or border restrictions.
- Computer literate and will have experience using simulation software (e.g. ASPEN Plus preferred).
- Member (or eligible to be a member) of the Association of Professional Engineers and Geoscientists of BC as a Professional Engineer (P.Eng.) required

At Jacobs, we help prepare people for new opportunities and challenges. With positions at every level, openings in multiple disciplines, expertise in a range of markets and offices around the globe, we create an environment where you can learn, grow, and thrive. From our competitive benefits program to our Health and Safety initiative of Beyond Zero workplace injuries, we believe that you'll find a flourishing career here at Jacobs.