

## Kontek's Water & Wastewater Process Engineering Job Description

Kontek Process Water Management is a well-established privately owned company with primary offices, engineering, and manufacturing facilities located in Burlington, Ontario. Since 1980, the Company has been providing economical solutions to satisfy our customers' environmental objectives. Kontek's continual growth and expansion allows us to furnish state-of-the-art design and in-house fabrication of industrial wastewater and process water management systems which provide effluent compliance, metals recovery, waste minimization, raw water purification, and closed loop water recycling. Recent corporate acquisitions in solids de-watering equipment manufacturing, new membrane technology innovations in water purification and project advancements in biological treatment processes have expanded Kontek's market penetration significantly. Our objective is to help our clients in the long term. We continue to structure our organization to allow quick response to client inquiries and provide the best in personal service.

As such, we currently have an exciting opportunity for an experienced Process Engineer to join our design team. The Kontek work environment is relaxed with a friendly atmosphere but can be fast paced. The company is small, and employees perform multiple roles daily, so teamwork is an integral component in almost all activities. An ideal candidate would be a quick learner, with strong problem-solving skills and the ability to function independently with minimal supervision while working within an overall team.

Reporting to the Engineering Manager, this position is located full-time in our Burlington, Ontario office. The ideal candidate will be responsible for providing process engineering support for our water & wastewater treatment projects. Projects will range from pre-sales feasibility studies to detailed engineering deliverables. Candidates should be prepared for a healthy mix of office desk work, hands-on equipment review at Kontek's own facility, and from time to time this position may also involve on-site assistance to clients at their operating facilities. Kontek's customers are located across the globe, including Canada, USA, Mexico, Europe, China, and the Philippines. This position may require travel, both domestic within Canada and international.

Pay scale commensurate with experience. On top of base salary, we offer competitive benefits and vacation package, and our employees also enjoy a supplemental health care allowance, executive gym membership, and RRSP plan.

Kontek welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

### MAIN RESPONSIBILITIES:

- Design, develop & produce process PFD's, P&ID's, and mass balance calculations.
- Develop water/wastewater treatment protocols and establish equipment sizing criteria and appropriate materials of construction, including pumps, valves, and analytical instruments.
- Prepare Bills of Materials (BOMs) of equipment, instruments, and valves for procurement.
- Provide technical evaluations and supporting analysis, reports, and specifications.
- Remain current with evolving water and industrial wastewater process technologies.
- Liaise with electrical, controls, mechanical engineering and production teams.
- Support site audit, installation and commissioning activities as required.

**JOB REQUIREMENTS:**

- Experience with AutoCAD or equivalent is required
- Diploma, undergraduate or graduate degree in chemical or environmental technology or engineering, or a minimum of 3 years of experience in water and wastewater systems design, operations & engineering.
- Knowledgeable about various water treatment processes including redox reactions, precipitation, lime softening, clarification, filtration, dewatering, ion exchange and membrane technologies.
- Capable of developing new, proprietary, and innovative process solutions.
- Familiarity with metals and industrial wastewater processing technologies, techniques, and related equipment a definite asset.
- Strong problem solving and communication skills
- Ability to work well on a team and take initiative independently
- Excellent time management skills

**Other Requirements:**

- Valid driver's license
- Valid passport and ability to travel globally