



Position Title: Engineering Technician II

Position Status: Full-Time Regular

Department: Water Services

Employee Group: Teamsters Local 31

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: PG 25 \$2,863.75 - \$3,381.40 bi-weekly

Our Water Services Department is seeking an Engineering Technician II who will work as part of a technical team within our Operations and Maintenance Division to provide support and services related to the regional water transmission system.

You are: a self-motivated individual that gets excited about the opportunity to build new processes and create new solutions to challenges. You are customer focused with an ability to balance requests from multiple co-workers while maintaining a can-do attitude and a high level of excellence.

This role:

- Under direction within the Technical Support Services Treatment and Systems Group, the incumbent carries out a range of engineering and project coordination-related tasks to support the District water supply and transmission system. These include instrumentation monitoring, data processing, research, data and document review, inspections, preparation of specifications and drawings, contract administration, scheduling, and report preparation.
- Assembles and analyzes data from reservoirs and the water transmission system using computer software.
- Coordinates, schedules and reports on various water supply and transmission system projects, including inspections, testing of infrastructure, and maintenance and construction-related work.
- Prepares operating and maintenance manuals and various reports for water systems and auxiliary equipment.
- Designs and supervises the construction of minor components for various water and/or including electrical and mechanical equipment.
- Tabulates tenders, prepares recommendations, specifications, and requisitions for materials and equipment; checks drawings, equipment and completed work for conformance to specifications and operation of the project.
- Updates “as constructed” drawings for completion by draftspersons.

- Answers verbal and written inquiries on water matters from municipalities, external parties, and District personnel and performs various office duties, including filing and maintaining contracts and specifications, drawings and charts, inspection reports and the catalogue library.
- Maintains contact with external parties, public utilities, member municipalities, government agencies, and District personnel.
- Performs other work of equal importance, difficulty and responsibility, requiring comparable qualifications.

To be successful, you have:

- Completion of the 12th school grade, supplemented by a two-year diploma course in Engineering Technology. Considerable related experience such as the design, construction and operation of the water or related facilities and/or civil, electrical and mechanical equipment OR an equivalent combination of training and experience.
- Diploma in Engineering Technology – BCIT or equivalent.
- Sound knowledge of engineering mathematics, hydraulics, civil/environmental engineering, standard engineering nomenclature, and engineering and construction practices.
- Sound knowledge of inspection and quality control methods and procedures.
- Sound knowledge of the functions and operations of the water systems in the District and of departmental procedures regarding engineering projects.
- Working knowledge of computer software applications and capabilities related to the work performed.
- Ability to read and interpret architectural and engineering drawings and specifications.
- Ability to make moderately complex office and field engineering computations, prepare reports and estimate construction and equipment costs.
- Ability to understand and carry out oral and written instructions with minimal supervision.
- Ability to arrange an effective work schedule, assign and check the work of draftspersons and perform a variety of clerical work related to District engineering functions.
- Ability to establish and maintain effective working relationships with external parties, public utilities, the public, member municipalities, government agencies, and District personnel.
- Skill in the use of surveying, drafting, and computing instruments.
- Superior mechanical and engineering aptitude.
- Valid BC Class 5 Driver's License.

Our Vision:

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

We are committed to diversity, equity and inclusion and being representative of the region we serve. We invite all qualified candidates to apply including Indigenous People, visible minorities, immigrants, LGBTQ2S+, all genders and persons with disabilities.

Metro Vancouver requires all new hires to be fully vaccinated against COVID-19 (subject to any exemptions and accommodations) and provide proof of vaccination upon hire. *Please follow this link*

<http://www.metrovancouver.org/about/careers/> to our Careers page where you can submit your application by June 3, 2022.