

EMPLOYMENT OPPORTUNITY

Senior Electrician

Permanent Full-Time | External
Wastewater Services
Competition No.: 2026-1007



www.rdn.bc.ca



rdncareers@rdn.bc.ca

SKILLS & ABILITIES

- Excellent knowledge of provincial electrical regulations, local bylaws, rules and regulations governing electrical operating permits.
- Excellent knowledge of Instrumentation/Electrical/SCADA in an industrial setting.
- Working knowledge of PLC and HMI programming and applications such as RSLogix 500, RSLogix 5000, FactoryTalk View & Studio, RSLinx, and XLReporter.

APPLICATION DETAILS

To apply for this position, send your cover letter and resume to rdncareers@rdn.bc.ca, clearly highlighting your education, experience, and qualifications relevant to the role. **Please quote 2026-1007 in the subject line of your email to ensure proper processing.**

***Applications will be accepted until:
4:00 pm, on February 24, 2026***

Date Posted: February 10, 2026

A Criminal Record Check is a condition of employment with the Regional District of Nanaimo.



ABOUT THE ROLE

The Regional District of Nanaimo is seeking a permanent full-time Senior Electrician with Wastewater Services, based at the French Creek Pollution Control Centre.

The Senior Electrician contributes to the effective operation of the Wastewater Services for the Regional District of Nanaimo, by ensuring the continued safe operation and maintenance of the instrumental equipment and electrical systems of the Wastewater Treatment plant processes and pump stations. This position supports the department by ensuring the facilities' instrumentation and electrical equipment are in good repair and functioning as required to enable department team members to meet service expectations, maintain permit compliance and reach departmental goals and objectives.

QUALIFICATIONS

Qualifications include high school graduation as well as an Electrical Trade Qualification with Interprovincial Red Seal and a valid BC Class B Certification and a minimum of two years related electrical/electronic instrumentation and control experience (preferably in a municipal wastewater operations setting) and a valid Class 5 BC Driver's Licence. A certificate in Process Instrumentation and Control and experience in conducting audits are considered assets.

POSITION DETAILS

This is a permanent full-time (40 hours per week) Union position. The (2026) rate of pay is \$48.39 to \$50.94. The position offers an attractive benefits package as provided within the collective agreement between the Regional District of Nanaimo and the Canadian Union of Public Employees, Local 401.

We thank all applicants in advance for their interest; however, only those selected for further consideration will be contacted.

Senior Electrician Wastewater Services

Pay Band 15

Job Summary

The Senior Electrician contributes to the effective operation of the Wastewater Services for the Regional District of Nanaimo, by ensuring the continued safe operation and maintenance of the instrumental equipment and electrical systems of the Wastewater Treatment plant processes and pump stations. This position supports the department by ensuring the facilities' instrumentation and electrical equipment are in good repair and functioning as required to enable department team members to meet service expectations, maintain permit compliance and reach departmental goals and objectives.

Primary Duties and Responsibilities

- Reviews, adheres to, and supports the adherence to safe work procedures in the workplace and generally promotes a safe work environment.
- Is Subject Matter Expert for Wastewater Services with respect to Instrumentation/ Electrical/SCADA/Security Systems by helping develop and maintain policies, safe work procedures, controlling documentation, identifying resources needed, establishing procedures, managing technical operations, training staff, defining maintenance schedule, liaising with RCU staff, liaising with provincial/local authorities and consultants/contractors.
- Provides direction of the work of the RDN's Electrician, Electrical Contractors, SCADA System Contractors/consultants, & Alarm System Contractors.
- Coordinates CMMS system (WebWorks) for electrical and instrumentation related equipment.
- Provides input and makes recommendations to the Chief Electrician on upcoming work tasks, replacement or repairs, and long-range electrical asset planning for Wastewater Services.
- Supports the Chief Electrician in the administration of SCADA system software, structure and functionality including providing input in the development and implementation of SCADA system procedures and standards and designs.
- Performs regular electrical inspections, repairs, calibration of instrumentation, installation and preventative maintenance on a variety of electrical and control systems, pump systems, back up motor systems, SCADA equipment and related equipment within the wastewater department.
- Updates electrical drawings, as-built drawings, schematics and maintenance documentation relevant to facilities systems.
- Maintains and makes installations to the various wastewater facilities' electrical power distribution and control systems.
- Ensures safe work procedures in relation to work on electrical systems, control systems, electrically hazardous areas and that lock-out procedures are met, and that all safety equipment is in proper working order.
- Ensures compliance with WorkSafe BC (WSBC), Regional District Safety Policies/Procedures, local Bylaws, operating permits and applicable Canadian Standards Council (CSA) standards as they relate to Electrical/Instrumentation/SCADA systems.
- Responds to afterhours emergencies and provides support to operational staff as required.
- Provides input on technical design, equipment and system control specifications and makes recommendations as they relate to site system operation, SCADA, HMI's and PLC's.
- Monitors performance of individual control systems to ensure optimization and performance of the system.
- Undertakes preventative maintenance inspections of equipment, prepares written reports of condition and provides recommendations for corrective action.
- Collaborates with operations and maintenance staff to ensure that equipment/process outages are minimal and maintain continuous service.
- Participates in the annual budget preparation for Electrical/Instrumentation/SCADA works.

Job Description

- Coordinates electrical contractor activities and ensures that activities are planned to minimize disruption to plant operation and ensures that project activities are clearly communicated.
- Provides input in the creation and update of a cyber security plan for the department and provides training at initial employment with annual reviews afterwards.
- Performs other related duties, as required.

Job Qualifications

Education/Experience

- High school graduation
- Apprenticeship and Electrical Trade Qualification with Interprovincial Standard issued by the Province of BC.
- Valid BC Electrical Safety Branch Class B.
- 2 years' electrical/electronic, instrumentation and control experience, preferably in a municipal wastewater collection and/or wastewater facility. (*Experience is in addition to on-the-job training in obtaining Trade Qualification and Class B*)
- Possession of a valid Class 5 BC Drivers Licence
- Certificate in Process Instrumentation and Control is an asset.
- Training and experience in conducting audits is an asset.

Skills/Abilities

- Excellent knowledge of provincial electrical regulations, local bylaws, rules and regulations governing electrical operating permits.
- Excellent knowledge of Instrumentation/Electrical/SCADA in an industrial setting.
- Good working knowledge of departmental software programs (eg. SCADA), computer databases, data processing concepts, computer technology and preventative maintenance programs.
- Working knowledge of PLC and HMI programming and applications such as RSLogix 500, RSLogix 5000, FactoryTalk View & Studio, RSLinx, and XLReporter.
- Knowledge of network communications including DeviceNet, Profibus, EtherNet/IP, and hardware requirements.
- Proven ability to oversee, plan, organize and manage workload and projects.
- Ability to set priorities, meet deadlines to serve the operational, and maintenance needs of Wastewater Services.
- Proven ability to work both independently and proactively in a team environment.
- Thorough working knowledge of relevant WSBC Regulations, OH&S policies and procedures, WHMIS, First Aid, Entry of Confined Spaces, Lockout procedures and transportation of dangerous goods instruction.
- Proficient computer skills, and knowledge of Microsoft Office applications such as MS Excel and MS Word.
- Ability to plan and organize all technical operations and programs, perform complex electrical/instrumentation/control system duties independently.
- Ability to read, interpret and work from drawings, diagrams, and technical/ specification manuals.
- Ability to react to any emergency situations in a competent and professional manner making required decisions quickly.
- Sound knowledge of the Environmental Management Act and of the functions of Regional District of Nanaimo as applied to wastewater.
- Ability to perform close tolerance electrical/instrumentation work including troubleshooting, repairs, and maintenance using specialized tools and calibration equipment.
- Ability to create safe-work and lock-out procedures from reference literature and equipment manual/documentation.

Reporting Relationship

Reports to: Chief Electrician