



THE REGIONAL MUNICIPALITY OF DURHAM

Works Department

Works Technician 3 (Engineering) - SCADA **(Regular Full-Time)**

Job ID: 22867
Job Number: 758
CUPE Local 1764

Open: Jan 28, 2026 Close: Feb 26, 2026

Diversity, Equity and Inclusion Statement

The Region of Durham is committed to advancing equity, diversity and inclusion within our organization and the communities we serve. We welcome and encourage applications from people who are Indigenous, racialized persons, women, persons with disabilities, members of LGBTQ2S+ communities, and others who may contribute to the further diversification of our workforce, including those who experience systemic barriers.

In accordance with the Accessibility for Ontarians with Disabilities Act (AODA) and the Ontario Human Rights Code, accommodation will be provided throughout the recruitment process upon request, based on any Code-protected ground.

Location

This position is located at the Regional Headquarters, Whitby, Ontario.

Works Technician 3 (Eng) - SCADA

Reporting in the interim to the SCADA Manager, this position supports the SCADA Works Technician 5 and the SCADA Design Contracts team. It plays a key role coordinating, reviewing and providing technical guidance for SCADA related projects. This role involves regular external communication and is focused on ensuring consistency and quality across all SCADA system design documentation for water supply and wastewater contracts, whether developed by internal teams or external consultants. Additionally, the position supports the maintenance of SCADA standards and master plans, contributing to the ongoing improvement and expansion of vertical water and wastewater systems.

The incumbent will:

- Guide, co-ordinate and review the SCADA engineering designs of internal and external projects for the Region's water supply and wastewater infrastructure
- Liaison with internal divisions, external customers, and external agencies to promote excellent customer service, resolve problems and pro-actively maintain relationships
- Support the review and recommendation of projects for submission in the annual capital budget to improve services, expand existing systems and provide water supply and wastewater services
- Direct supporting Works Technicians, operational staff, and external stakeholders with all aspects of project design, policies and procedures.
- Ensures projects are effectively and efficiently scheduled, and that all standards, guidelines, policies and procedures are followed.
- Prioritize needs relating to asset management of the water supply and wastewater SCADA systems to develop, identify any deficiencies or future needs within existing systems.
- Assist in problem solving during construction of water supply and wastewater treatment projects to resolve unforeseen issues which may arise
- Research and develop methods to evaluate and approve emerging technologies, products, software as well as recommend and report new methods or changes to Regional standards, policies, or technical procedures
- Evaluate and recommend modifications to Regional standards and master plans pertaining to the design and construction of water/wastewater SCADA systems to improve the efficiency and integrity of the Region's design/construction process
- Work in accordance with the provisions of applicable health and safety legislation and all



corporate/departmental policies and procedures related to occupational health and safety

The successful applicant will possess:

- A three-year post-secondary diploma in Electrical/Electronics Technology or a related discipline, or [an equivalent combination of education and relevant experience](#)
- Registration or be eligible for registration as an Engineering Technologist with O.A.C.E.T.T.
- Proven experience with industry applications in Process Automation, Industrial Networks and Operational Technology (OT) infrastructure Analytical skills for responding to emergencies such as construction conflicts, Operational plant alarms or system failures
- Knowledge of engineering design and construction methods
- Project management skills by leading and conducting various complex SCADA design issues in a team environment
- Analytical skills in organizing and assessing a myriad of SCADA data and information
- Verbal and presentation skills for effective communication of Masterplan, Standards and SCADA Design issues with internal and external clients
- Knowledge and experience with networking technology and networking security (eg. Routers, switches, radios, firewalls, etc.).
- Familiarity with SCADA software applications (eg. iFix, Proficy Machine Edition, SolarWinds, Wonderware, e. RIS, etc.)
- Experience interpreting, reviewing, and updating SCADA engineering documentation, including P&ID diagrams, loop diagrams, network architectures, control schematics, factory and site acceptance testing documents, equipment and instrumentation layouts, specifications, process control narratives, and relevant industrial control system standards.
- Knowledge and understanding of PLC Hardware (Emerson Rx3i PAC systems, Allen Bradley ControlLogix & CompactLogix is an asset)
- Experience with Masterplans, SCADA Standards and responding to complex SCADA Design issues and proposals
- Experience working with AutoCAD and Microsoft Office software (Teams, Word, Excel, Outlook)
- Excellent verbal and written communication as well as strong problem-solving, leadership, conflict resolution and mediation skills
- A valid Ontario Class "G" Drivers Licence with access to a reliable vehicle
- Experience with Municipal water and wastewater systems is considered an asset

CUPE 1764 Salary Grade 7

This position is with Salary Grade 7 and will be paid at the following hourly rates:

- Start: \$47.00 - Six Month: \$49.61 - Job: \$52.22

Conditions of Employment

All applicants are expected to comply with the Region of Durham's Code of Ethics and Code of Conduct Policies throughout the recruitment process. Prior to the start date, the successful candidate will be required to provide a satisfactory Criminal Record and Judicial Matters Check within two (2) months from date of hire. Proof of education, qualifications and any other job bona fide requirements, including a current Driver's Abstract, will also be collected.

External Application Process

Come find a home where exciting and rewarding careers are balanced with your lifestyle. We thank all applicants; however, only those being considered will be contacted. Please apply online (www.durham.ca) no later than midnight (Eastern Standard Time) on the closing date indicated on the Job Posting.

The Region of Durham is an equal opportunity employer committed to an inclusive, barrier-free recruitment and selection process. If contacted for an employment opportunity and you require accommodation, or if this information is required in



an accessible format, please contact us at: RecruitingHelp@durham.ca and a Recruiter will provide appropriate assistance pursuant to the Region's Accommodation and Accessibility policies. Please note that resumes should not be sent to RecruitingHelp@durham.ca.

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