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Systems Control Technician

If you are committed to public service, enjoy collaborating with others, share our values and have a desire to learn and grow, join [The City of Calgary](#). City employees deliver the services, run the programs and operate the facilities which make a difference in our community. We support work-life balance, promote physical and psychological safety, and offer competitive wages, pensions, and [benefits](#). Together we make Calgary a great place to make a living, a great place to make a life.

The City is committed to fostering a respectful, inclusive and equitable workplace which is representative of the community we serve. We welcome those who have demonstrated a commitment to upholding the values of equity, diversity, inclusion, anti-racism and reconciliation. Applications are encouraged from members of groups that are historically disadvantaged and underrepresented. Accommodations are available during the hiring process, upon request.

As a Systems Control Technician you will maintain control systems hardware and software, participate in control system project coordination, and liaise with interested parties on all process and related control systems located in Field Operations facilities (wastewater collection, stormwater management, drinking water distribution systems). You will provide control system services to various Field Operations work groups, maintenance, operations, project delivery engineering, process optimization and planning services. This position focuses on Industrial Control Systems (ICS), process communication networks, process control configuration and maintenance. Primary responsibilities include:

- Maintain and upgrade:
 - Data historian and reporting systems
 - SCADA control systems
 - Process control application servers and workstations
 - OT relational databases, business object applications and visualization tools related to automation
 - Programmable Logic Controllers at various remote stations.
- Configure and maintain OT network and communication systems including switches, routers, firewalls and automated security appliances.
- Configure and maintain historian system and relational databases, visual user interfaces, compliance reporting applications.
- Organize and develop databases and control system algorithms.
- Configure and maintain control system operator workstation interfaces, remote and portable human machine interfaces.
- Maintain and update drawings and system documentation.

Qualifications

- A completed 2-year technical diploma with at least 5 years of relevant experience that must include: service, installation, and implementation of industrial control systems.
- Configuration and programming experience with Process Data Historians, Programmable Logical Controllers (PLCs), Human Machine Interfaces (HMIs), Industrial Control Networking and Supervisory Control and Data Acquisition (SCADA) systems is required.
- Excellent knowledge and working experience of relational database applications, object-oriented programming languages and process analytics applications.
- Excellent knowledge and working experience in Industrial Control System cybersecurity, computer networking, network equipment, and network security appliances.
- Success in this position requires strong communication with the ability to quickly and independently acquire new knowledge, skills and technologies and work collaboratively within a team.

Pre-employment Requirements

- A security clearance will be conducted.
- Successful applicants must provide proof of qualifications.

Union: CUPE Local 38
Position Type: 1 Permanent
Compensation: Pay Grade 11 \$44.76 – 59.84 per hour
Hours of work: Non-standard 40 hour work week
Audience: Internal/External

Business Unit: Water Services
Location: 625 25 Avenue SE
Days of Work: This position works a 4 day work week. Monday to Thursday, OR Tuesday to Friday from 6:30am to 4:30pm.
Apply By: July 11, 2025
Job ID #: 312237

Apply online at www.calgary.ca/careers