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## Systems Control Technician

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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](https://www.calgary.ca/careers)