



CITY OF DENTON  
invites applications for the position of:  
**Instrumentation and  
Controls Technician**

An Equal Opportunity Employer

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**SALARY:** \$24.21 - \$30.21 Hourly

**OPENING DATE:** 07/31/18

**CLOSING DATE:** Continuous

**JOB DESCRIPTION:**

Responsible for the installation, configuration, troubleshooting, calibration, repair and/or replacement of electronic instrumentation and controls normally found in an industrial plant setting under the direction of the Water Reclamation Electronic/Electrical Maintenance Manager or designee.

**ESSENTIAL FUNCTIONS:**

- Constructs process monitoring and control systems from specific instrumentation and communication devices, installs, views PLC (Programmable Logic Controller) programs, calibrates, troubleshoots, maintains and repairs major electronic systems and peripheral devices per manufacturer's specification in conjunction with Federal Communication Commission rules and regulations
- Reads complex schematics, wiring diagrams and shop drawings for the purpose of installation, troubleshooting and repairing of major systems and minor subsystems and components; should have some ability to troubleshoot motor starter circuits
- Troubleshoots, installs, and calibrates various instruments, including ultrasonic level transmitters, transit time flow meters, Doppler flow meters, pressure transmitters, temperature transmitters, differential pressure transmitters, various gas analyzers, turbidity analyzers, chlorine residual analyzers, dissolved oxygen transmitters, and sludge blanket level transmitters

**MINIMUM QUALIFICATIONS:**

- High School Diploma/GED or equivalent

A minimum of 5 years of experience as an Instrument & Controls Technician or performing similar duties in a related position

**OR** Instrumentation/Controls Associates degree or Electronics Technician Associates degree

**OR** Military job training in a Military Occupational Specialty (MOS) field that required extensive electronic application.

**OR** Any combination of related education, experience, certifications and licenses that will result in a candidate successfully performing the essential functions of the job

**CONDITIONS OF EMPLOYMENT:**

- Must have a valid Class "C" Driver's License prior to employment (must obtain Texas Class "C" driver's license within 30 days of hire per state law)

**Preferences:**

- Prior experience with Fiber Optics, SCADA systems and licensed and unlicensed radio systems
- Prior experience working in an industrial Process Instrumentation and Controls environment.

Applicants must satisfy all conditions of employment as outlined in the position announcement.  
All applicants must pass a pre-employment drug screen prior to employment.

*"We are committed to achieving a diversified workforce!"*  
ADA/EOE/ADEA.  
[www.cityofdenton.com](http://www.cityofdenton.com)

*"Dedicated to Quality Service"*

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APPLICATIONS MAY BE FILED ONLINE AT:

<http://www.cityofdenton.com>