

Instrument Technician (O&M Water)

Location: 4612 Beecher Rd, Flint, MI 48532

Applications are required for consideration for this position. Resume Submission alone is not an application for a position. An individual **must** complete our standard application form and provide proof of certificates and licenses required for the posted position.

There is one (1) opening for an Instrument Technician in our O&M Water Department at Genesee County Water and Waste Services in Flint, MI. **Duties include:** Performs or assists a wide variety of skilled electronic and electric work involving the installation, calibration, maintenance, and repair of water and wastewater systems, networks, and treatment facilities and related equipment.

MINIMUM QUALIFICATIONS

1. Must possess and continuously maintain a valid Michigan driver's license, as well as qualify to drive a Division vehicle in compliance with the Division Driver Policy.
2. Must be able to work in confined spaces and outdoors under varying climatic conditions.
3. Must be able to walk over rough terrain and climb ladders and stairs.
4. Graduation from a high school or equivalent G.E.D.
5. Must be able to lift a minimum of seventy-five (75) pounds.
6. Must have color vision.

WAGE SCALE:

- U-5 **ENTRY LEVEL:** No certification required. Must be able to pass entrance exam. Must be ISA CCST exam eligible in 5 years. Employees at this wage level cannot provide specifications and cost estimates on various projects for improvements to treatment facilities, water distribution and wastewater collection systems. Employees at this wage level cannot provide training to other Union staff as directed by the Employer.
- U-6 **TRAINED:** Must meet U-5 requirements. Must have proof of 40 hours of relevant technical coursework (electrical, electronic, programming, instrumentation related) or one (1) years' successful experience. Must be ISA CCST exam eligible in 4 years.
- U-7 **DEGREE:** Must meet U-6 requirements. Must have an Associate's degree in a relevant technical field from an accredited college or university. Must have a minimum of 2 years' instrumentation and electronics experience in a large manufacturing, commercial, or utility facility, providing broad areas of experience and expertise in the electrical and instrumentation fields.

2025	START	6 mo	1 yr	2 yr	3 yr	4 yr	5 yr	7 yr	12 yr	17 yr
U-5	\$27.90	\$28.92	\$29.43	\$29.94	\$30.45	\$30.96	\$31.98	\$32.74	\$33.52	\$34.54
U-6	\$29.43	\$30.45	\$30.96	\$31.47	\$31.98	\$32.49	\$33.72	\$34.27	\$35.05	\$36.07
U-7	\$30.96	\$31.98	\$32.49	\$33.00	\$33.51	\$34.02	\$35.25	\$35.80	\$36.58	\$37.60

Applications shall be mailed to:
Genesee County Water and Waste Services, Attn: HR
4610 Beecher Rd, Flint, MI 48532
Applications can be e-mailed to: hr@gcdcwws.com

Position open until filled
Applications must either accompany or follow resume submission

NO PHONE CALLS. EEO.

INSTRUMENT TECHNICIAN

Revised 9.22.2025 Effective 10.20.2025

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GENERAL STATEMENT OF DUTIES

Performs or assists a wide variety of skilled electronic and electric work involving the installation, calibration, maintenance, and repair of water and wastewater systems, networks, and treatment facilities and related equipment.

STATEMENT OF TASKS

- Installs, calibrates, maintains and repairs instrumentation, communication and electronic systems and equipment.
- Makes recommendations and evaluations of communication, computer, instrumentation, and electrical systems on various projects.
- Assists in providing specifications and cost estimates on various projects for improvements to treatment facilities, water distribution and wastewater collections systems.
- Assists in long and short-term master plan studies for water distribution, wastewater collection, treatment facilities, communication and computer systems.
- Updates and maintains current as-built drawings of electrical and instrumentation upgrades.
- Assembles and correlates data and prepares reports needed for operational areas and planning purposes.
- Responds to emergencies.
- Performs special projects and studies.
- Troubleshoots, adjusts, calibrates, maintains and repairs instrumentation components and associated equipment.
- Maintains gas detectors and atmospheric monitoring equipment.
- Installs and maintains computer, phone, fiber optic and various network systems.
- Assures compliance with all applicable standards and codes.
- Provides training to other Union staff as directed by the Employer

KNOWLEDGE, SKILLS AND ABILITIES

- Knowledge of electrical investigative and analytical techniques, including familiarity with electrical safety.
- Knowledge of basic math and algebra.
- Knowledge of computer systems and relevant software.
- Ability to install, diagnose, repair, calibrate, and troubleshoot electrical, communication, computer, video, TV and instrumentation systems.
- Ability to perform electrical computations, assist in project design and development plans and specifications.
- Ability to perform, prepare, present, and discuss information effectively, both in oral and written form.
- Ability to establish and maintain effective working relationships with Employees, engineers, supervisors, and contractors.
- Ability to deal with other agencies and the general public in a courteous and effective manner.
- Ability to organize, conduct and evaluate studies and investigations.
- Ability to read and interpret blueprints and electrical drawings.
- Ability to communicate effectively, both orally and in writing.
- Ability to use electric and pneumatic power tools and hand tools and analytical equipment and instruments.
- Knowledge of standard safety practices and mandatory safety regulations.

PAY SCALE & REQUIREMENTS:

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Approved by the Employer and effective date will be set for 7 days after the execution of the Memo of Understanding.