

Instrument Technician Assistant

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 an opening for an Instrument Technician Assistant at Genesee County Water and Waste Services, in Flint, MI. General statement of duties: Assists and participates in performing 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.

Applicants must meet the following minimum qualifications to be considered for an interview:

Graduation from high school or equivalent G.E.D. An Associate's Degree in a relevant technical field from an accredited college or university is preferred.

Proof of forty (40) hours of relevant technical coursework (electrical, electronic, programming, instrumentation related).

Must be able to lift a minimum of seventy-five (75) pounds.

Must be able to work in confined spaces and outdoors under varying climatic conditions.

Must be able to walk over rough terrain and climb ladders and stairs.

Must have color vision.

Must meet criteria and successfully pass the ISA CST Associate Program examination within two (2) years.

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.

Wage Table:

JOB TITLE	START	6 months	1 yr.	2 yrs.	3 yrs.	4 yrs.	5 yrs.	7 yrs.	12 yrs.	17 yrs.
<i>I.T.A.</i>	\$21.70	\$22.70	\$23.20	\$23.70	\$24.20	\$24.70	\$25.20	\$25.85	\$26.50	\$27.37

Applications are mailed to:
Genesee County Water and Waste Services, Attn: HR, G-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 ASSISTANT

MINIMUM QUALIFICATIONS

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- Must be able to lift a minimum of seventy-five (75) pounds.
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GENERAL STATEMENT OF DUTIES

Assists and participates in performing 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

- Assists and participates in installing, calibrating, maintaining and repairing instrumentation, communication and electronic systems and equipment.
- Operates and uses a variety of electronic test equipment and performs routine instrument maintenance on a variety of equipment.
- Assists and participates in making 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.
- Assists and participates in assembling and correlating data and preparing reports needed for operational areas and planning purposes.
- Responds to emergencies after hours.
- Drives specially equipped vans or pickup trucks to and from work sites.
- Lifts and moves heavy valves, flow meters, gauges, sensors, and other equipment or instruments.
- Performs special projects and studies as directed.
- Assists and actively participates in troubleshooting, adjusting, calibrating, maintaining and repairing instrumentation components and associated equipment.
- Assists and participates in maintaining gas detectors and atmospheric monitoring equipment.
- Assists and participates in installing and maintaining computer, phone, fiber optic and various network systems.
- Assures compliance with all applicable standards and codes.
- Maintains records

KNOWLEDGE, SKILLS AND ABILITIES

- Knowledge of electrical investigative and analytical techniques, including familiarity with electrical safety.
- Knowledge of basic math and algebra.



INSTRUMENT TECHNICIAN ASSISTANT

- Knowledge of computer systems and relevant software.
 - Ability to use PCs, including common software programs such as MS Office, and to learn and use specialized programs such as MP2, CityWorks, iFix and ABB SCADA systems
 - 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 read and interpret blueprints and electrical drawings, P & ID's, PLC ladder logic.
 - Ability to communicate effectively, both orally and in writing.
 - Ability to properly and safely use electric and pneumatic power tools and various hand tools and analytical equipment and instruments.
 - Knowledge of standard safety practices and mandatory safety regulations.
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