



# **Instrumentation & Electronic Technician**

**LOCAL CANDIDATES - PRINCIPALS ONLY – NO PHONE CALLS, PLEASE**

**Gulf Coast Authority is located in the Clear Lake area of southeast Houston, Texas. Established by the Texas Legislature in 1969, GCA is celebrating our 50th year of “Protecting the waters of the State of Texas” and continue a significant role in improving the water quality through regional industrial wastewater treatment and other services. GCA growth has created a need for additional talent in its Washburn Tunnel Facility in northern Pasadena, Texas.**

**Position: I&E Technician, Washburn Tunnel Facility, day shift. Pay range: For qualified candidates is \$25.20-\$39.71**

**Job Summary** -Responsible for installation and maintenance of flow, dissolved oxygen, LEL, and pH meters and analyzers, as well as other electronics and pneumatic equipment.

**Typical Duties and Responsibilities**-Perform activities necessary to calibrate instrumentation to EPA standards. Perform preventive maintenance on instrumentation and electronic equipment to meet EPA standards. Perform preventive maintenance and repair on other electronic and pneumatic equipment. Troubleshoot equipment to identify problems. Perform maintenance on electrical equipment in support of electrician. Assist other crafts as needed. Communicate with supervisor, vendors, and plant personnel. Other related duties as assigned.

**Knowledge, skills, and abilities**-Knowledge of the operation and maintenance of electronic and pneumatic instrumentation and controls. Ability to read, interpret, and update blueprints, schematics, technical manuals, and written instructions. Ability to perform mathematical calculations necessary to solve for unknowns, percentages, and theoretical values. Ability to write records and work orders. Ability to operate hand tools. Ability to communicate orally both in person and by telephone.

**Environmental conditions**-Work is performed indoors and outdoors in heat (100 degrees F) and cold (32 degrees F) in all weather conditions. Work is performed indoors and outdoors at an industrial setting.

**Education, certification, and experience required**-High school diploma or equivalent. Previous experience and/or certification in the operation, maintenance and repair of electronic and pneumatic instrumentation. Valid Class "C" Texas Driver's License. Must be able to obtain a TWIC card.

**Physical requirements**-Ability to sit, stand, and walk while performing calibration and maintenance activities. Ability to grasp and manipulate hand tools such as screwdrivers, wrenches, etc. Ability to safely operate a motor vehicle. Ability to lift up motors and conduit weighing up to 40 lbs. Ability to pull with both hands wire in lengths of 10' to 500' weighing up to 40 lbs.

**GCA offers competitive salary and excellent benefit package to the right individual, but does not provide reimbursement for relocation expenses. Check our website at [www.gcatx.org](http://www.gcatx.org) for additional information and to apply for this position. Or all applicants must email resume with salary requirements to the attention of Human Resources Director, IEWT in subject line, at [careers@gcatx.org](mailto:careers@gcatx.org). All inquiries remain confidential.**

**Again, principals only and please, no phone calls.**

The above statements are intended to describe the general nature and level of work being performed by the person assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, skills, and physical demands required of personnel so classified. Holding people assigned to this or any job to expectations described herein does not constitute harassment in any form.