

MAJOR FUNCTION

This is skilled gas utility work involved in the construction, maintenance, and operation of gas utility functions such as the following: valve surveying and maintenance; gas construction activities; gas service, pipping, and appliance installation activities; meter installation and troubleshooting; mobile and walking leak surveying; pinpointing and repairing leaks; construction inspection duties; installation, repair, and operation of regulators; gate, regulator, and meter station operation; and cathodic protection activities. This position also must have a good working knowledge of federal, state, and local laws as well as rules and practices as they relate to the gas industry. Work is subject to check and review by a supervisor; employees perform assignments independently in accordance with safe work practices.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES**Essential Duties**

Performs valve surveying and maintenance; gas construction activities; gas service, pipping, and appliance installation activities; meter installation and troubleshooting; mobile and walking leak surveying; pinpointing and repairing leaks; construction inspection duties; installation, repair, and operation of regulators; gate, regulator, and meter station operation; and cathodic protection activities. Includes all aspects of gas utility operations, maintenance and repair. Identifies means and methods to safely isolate and make the needed leak and other repairs. Provides for a safe and secure work area once the leak location is identified, and working with customers if the leak is on the customer side of the meter. Coordinates with local emergency management personnel as needed. Works with customers/developers/contractors on natural gas expansion projects. Ensures proper odorant levels and proper odorizer operations. Installs residential and commercial metering, metering testing, proving, troubleshooting and repair. Performs work in the area of cathodic protection system installation, monitoring, and repair utilizing applicable tools and multimeters. This includes taking and understanding pipe-to-soil readings; operating, troubleshooting, and understanding rectifier and interruptors; completion of applicable NACE certified class. Understanding how to recognize and repair internal, external and atmospheric corrosion. Identify the need for and install additional sacrificial anodes. Performs applications of coating on gas piping, both tape and epoxy. Performs close internal surveys, installation, and testing of cathodic protection bonds, and inspections and monitoring/repairing of anode beds. This position also must have a good working knowledge of federal, state, and local laws, rules, and practices as they relate to the gas industry. Drives various specialized vehicles required to perform assigned tasks. Performs Maintenance of Traffic Operations activities. Flags traffic as needed. Utilized City systems such as GIS, mobile work management, and other specialized software and equipment used in Gas operations. Trains others in proper gas utility practices. Attends developmental safety and training opportunities as directed by supervisor. Uses and cares for tools and equipment common to gas utility work. Drives specialized vehicles and equipment. Performs additional work as required.

Other Important Duties**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Thorough knowledge of the safe work practices, methods, vehicles, equipment, and tools used in the gas utility industry. Knowledge of electrical theory as needed for proper cathodic protection. Thorough knowledge of occupational hazards connected with work. Ability to climb in and out of excavated construction areas. Ability to work with and around live gas mains and services. Skills in the proper use of gas utility journeyman tools and equipment. Ability to perform manual work during adverse weather conditions.

GAS TECHNICIAN – JOURNEY LEVEL

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate and satisfactory completion of the City of Tallahassee - Electric & Gas Utility Gas Utility Technician apprenticeship program; or completion of an external gas utility apprenticeship program and one year of journey level work in construction, maintenance, and operation of gas utility systems. Experience may be substituted for required education on a year by year basis that includes construction, maintenance and operation of natural gas utility systems.

Necessary Special Requirement

Employees in this classification are required to have at time of appointment and to maintain a valid CDL driver's license in order to have continued employment. This includes a requirement that the employee register with the Federal Motor Carrier Safety Administration Drug and Alcohol Clearinghouse.

Individuals in this classification are considered essential during emergency and storm situations and must be able to work 16 hours per day for extended periods of time and may be required to be away from their family.

Individuals in this classification must be available to serve on-call and are subject to having to work outside of their assigned shift/schedule to meet operational needs.

Individuals in this classification are subject to being deployed for mutual aid assignments out of town. These mutual aid assignments will require travel, extended workdays and working 16 hours per day during deployment.

Must obtain and maintain the applicable Operator Qualification(s) for continued employment.

~~Revised~~Established: [08-29-20](#)