



Natural Gas Technician

Public Works - Gas

PW-GAS/5

JOB SUMMARY

This position performs technical duties in support of the inspection, construction, maintenance, and repair of the natural gas utility system. An incumbent in this position may be designated "Senior Natural Gas Technician."

MAJOR DUTIES

- Assists in the excavation of existing gas lines and in the installation of new lines.
- Participates in leak surveys; patrols transmission and distribution lines to identify leaks, damage to facilities, and other maintenance and repair needs.
- Performs cathodic protection system surveys.
- Performs gas odorization tasks and testing.
- Maintains valves.
- Identifies and assists in the repair of leaks.
- Participates in the installation and removal of gas infrastructure.
- Maintains right-of-way; mows grass and removes tree limbs and other debris.
- Installs and maintains signage; mows around signs.
- Maintains gas meters; mows grass around meters; paints meters.
- Patrols gas lines to identify leaks and maintenance needs.
- Completes required training.
- Prepares required reports.
- Responds to after-hours emergencies as required.
- Performs related duties.

KNOWLEDGE REQUIRED BY THE POSITION

- Knowledge of equipment and tools used in the installation, maintenance, and repair of gas lines.
- Knowledge of the hazards and safety precautions associated with working around gas lines.
- Knowledge of safety rules and regulations.
- Knowledge of city and departmental policies and procedures.
- Knowledge of the geography of the city, including street names and locations.
- Skill in the operation of assigned vehicles, trucks, and equipment.
- Skill in the operation of leak detection equipment.
- Skill in prioritizing and organizing work.
- Skill in the use of hand and power tools.
- Skill in planning and prioritizing work.
- Skill in oral and written communication.

SUPERVISORY CONTROLS

The Natural Gas Supervisor assigns work in terms of general instructions. The supervisor spot-checks completed work for compliance with procedures, accuracy, and the nature and propriety of the final results.

GUIDELINES

Guidelines include traffic laws, work safety policies, relevant state and federal regulations, and city and department policies and procedures. These guidelines are generally clear and specific but may require some interpretation in application.

COMPLEXITY/SCOPE OF WORK

- The work consists of related technical duties. Inclement weather, heavy traffic, and dangers associated with working around natural gas lines contribute to the complexity of the position.
- The purpose of this position is to perform technical duties in support of a variety of department operations. Successful performance contributes to the provision of a safe and well-maintained gas distribution system.

CONTACTS

- Contacts are typically with coworkers, customers, and the general public.
- Contacts are typically to exchange information, resolve problems, and provide services.

PHYSICAL DEMANDS/ WORK ENVIRONMENT

- The work is typically performed while intermittently sitting, standing, bending, crouching, or stooping. The employee frequently lifts light and heavy objects, climbs ladders, uses tools or equipment requiring a high degree of dexterity, distinguishes between shades of color, and utilizes the sense of smell.
- The work is typically outdoors, occasionally in cold or inclement weather. The employee is exposed to dust, dirt, grease, machinery with moving parts, and dangers associated with natural gas, including the danger of gases igniting while installing, repairing, or servicing lines and equipment. Work requires the use of protective devices such as masks, goggles, gloves, etc.

SUPERVISORY AND MANAGEMENT RESPONSIBILITY

None.

MINIMUM QUALIFICATIONS

- Knowledge and level of competency commonly associated with completion of specialized training in the field of work, in addition to a high school diploma.
- Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with the completion of an apprenticeship/internship or having had a similar position for one to two years.
- Possession of or ability to readily obtain a valid driver's license issued by the State of Georgia for the type of vehicle or equipment operated.