

Job Description

Job Title	Pipeline Safety Engineer		
Job ID	2631		
Date Opened	02/08/2018		
Date Closed	03/10/2018		
Location	1325 G. Street, NW		
Full/Part Time	Full-Time	Type of Appointment	Career Service - Reg Appt
Regular/Temporary	Regular		
Agency	DH	Public Service Commission	
Area of Consideration	Open to Public		
Grade	13		
Bargaining Unit	C1	Compensation unit 1	
Minimum Range	\$87,657.000000	Maximum Range	\$112,956.000000
Target Openings	1	Available Openings	1

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General Job Information

Tour of Duty : 9:00 a.m. - 5:30 p.m.

Promotion Potential: None

Duration of Appointment: Career

Duties

This position is located in the Office of Compliance and Enforcement (OCE) within the Office of Technical and Regulatory Analysis (OTRA) of the Public Service Commission of the District of Columbia (Commission). The Commission regulates the utilities and competitive companies that provide natural gas, electricity, and telecommunications services to District of Columbia ratepayers. The mission of the Commission is to serve the public interest by ensuring that financially healthy electric, natural gas and local telecommunications companies provide safe, reliable and quality utility services at reasonable rates for District of Columbia residential, business and government customers. OTRA advises the Commissioners on accounting, economic, engineering, and financial issues in formal cases that are before the Commission. OCE helps the Commission to ensure the safety and reliability of natural gas transmission and distribution, electricity distribution, and telecommunications services and is charged with enforcement of the Federal and District governments' gas safety regulations for transportation of natural gas by pipelines. In addition, OTRA staff monitors electric, natural gas, and local telecommunications markets at the retail and wholesale levels.

The OCE advises the Commissioners on the mission to protect consumers as well as the physical plant, equipment and systems that enable electricity, natural gas, and telecommunications services delivery in the District of Columbia. OCE focuses on field, facility and site inspections, records inspections, construction inspections, operator qualification (OQ) inspections, incident and accident investigations and reporting, compliance monitoring, audits and reporting, compliance enforcement, and prioritization and minimization of hazards and risks associated with the construction operation, and maintenance of electric, natural gas, and telecommunications infrastructure and facilities in the District. The Office administers the gas pipeline safety regulations of the Commission which include, by reference, delegated safety responsibilities from the U.S. Department of Transportation under Chapter 601 of Title 49, United States Code and 49 CFR Parts 190 – 199, Federal (USDOT/PHMSA) Damage Prevention Enforcement Program, and the District One Call (Miss Utility/811) law.

Under the general direction and supervision of the Chief, OCE and Pipeline Safety Program Manager, the Pipeline Safety Engineer conducts inspections and investigations of natural gas transmission and distribution pipelines and facilities to determine compliance with and violations of District pipeline safety regulations and federal safety regulations under the

Natural Gas Pipeline Safety Act. The ideal candidate will prepare inspection plans, conduct field/site and records inspections, conduct OQ inspections, conduct incident and accident investigations, prepare inspection and violations reports, and recommend enforcement and corrective actions to enable the gas operator to achieve the goals of maximizing public and system safety. S/he will investigate reports of natural gas leaks and other incidents, prepare reports on the cause(s) and effects of incidents, and collect and analyze technical data and information related to natural gas pipeline construction, operations, and maintenance in order to determine the safety, adequacy, and reliability of such systems and facilities. S/he will schedule and participate in natural gas and electric refereed meter tests, maintain and update natural gas pipeline inspection databases, and participate in the annual USDOT field and office audit of the District's pipeline safety program and damage prevention enforcement program.

The Commission offers a competitive salary range, a generous travel stipend for public transportation, as well as an attractive benefits package. The Commission's benefits package encompasses a flexible menu of comprehensive benefits, including health, dental, vision, life and disability insurance options, as well as a strong set of portable retirement benefits and savings options. The Commission also offers attractive vacation and sick leave time, as well as paid holidays, consistent with District government provisions.

The Commission also seeks to optimize work-life balance through an attractive set of work schedule options, including: Flex time schedules, Teleworking options, and Alternative Work Schedules. As an organization dedicated to professional development and learning, the Commission encourages staff to participate in regulatory and industry association activities, as well as educational and professional training. Tuition reimbursement may also be available. Eligible District government employees may also qualify for the Employer Assisted Housing Program (EAHP).

Collective Bargaining Unit

This position is in the collective bargaining unit represented by AFSCME, District Council 20, and you may be required to pay union dues or an agency service fee through payroll deduction.

Qualifications

This position requires knowledge of USDOT's Natural Gas Pipeline Safety Act and the District of Columbia Pipeline Safety Rules and Regulations and the ability to apply the requirements to jurisdictional natural gas companies within the District of Columbia. Knowledge of engineering theories, concepts, principles, and practices in natural gas pipeline safety and skill in applying this knowledge in protecting natural gas pipelines in the District of Columbia is required. Knowledge of the Commission's rules, practices, and regulations as they relate to the engineering environment of natural gas companies is required. The ability to organize, analyze, interpret, and evaluate engineering problems and prediction of results. The ability to collect, create, modify and maintain complex natural gas pipeline safety databases and create and retrieve statistical data for reports to the USDOT and to the Commission. The ability to deploy appropriate automated inspection, compliance and enforcement work flow software, systems and hardware to complete field/site and records inspections and reporting tasks. The ability to communicate precisely and effectively both written and orally is required.

Licensures, Certifications and Other Requirements

Requires the successful completion (within two years of hire) of all the mandatory USDOT/Pipeline and Hazardous Materials Safety Administration (PHMSA) Training and Qualification Certification courses for Pipeline Safety Engineers/Inspectors.

A Professional Engineer License is a plus.

Education

Graduation from an accredited college or university with a bachelor's degree in engineering.

Work Experience

Five (5) experience in a utility environment.

Work Environment

The work is performed mostly in the field conducting inspections and documenting inspection results. Exposure to weather, traffic, and construction and project site conditions requiring a hard hat and other protective gear is an inherent part of natural gas pipeline safety and meter inspections. Regular visits to natural gas and electric utility company offices, laboratories, construction sites, and service installations may involve exposure to industrial plant conditions. Inspections sometimes require visits to private homes and offices, including basements and yard areas, which may require entering unfinished and under-construction private spaces and dealing with members of the public and their pets and children. Some work is performed in an office setting.
