

**City of Cairo
Job Description**

Position: Cathodic Protection Technician
Department: Energy Services/Gas
Reports to: Gas Superintendent
FLSA Status: Non-Exempt

GENERAL DUTIES AND RESPONSIBILITIES include the following. **Other duties may be assigned.**

Overview: The Cathodic Protection Technician's primary responsibility is to maintain the proper cathodic protection levels on all steel gas piping in accordance with the City of Cairo's operation and maintenance manual. Cathodic protection is required to reduce both internal and external corrosion as outlined in the O&M manual as well as mandate by the state of Georgia.

BASIC POSITION REQUIREMENTS

Position should be self-motivated and require minimal direct supervision

Position should be able to understand, interpret, and carry out complex oral and written instructions

Position should have organizational skills

Position should be able to communicate courteously and effectively with the general public and contractors

Position should have the ability to establish and maintain an effective working relationship with co-workers

Position must be able to read and interpret gas/utility maps

Position shall possess a high school diploma or equivalent

Position shall possess a valid Georgia driver's license

JOB SPECIFIC POSITION REQUIREMENTS

Position should have at least 5 years of experience working with natural gas

Position should have a working knowledge of cathodic measuring equipment as well as levels, practices, and procedures

Position should be able to be qualified to locate natural gas

Position must have experience working with and an understanding of cathodic protection and its purpose

Position must complete a basic pipeline corrosion course

Position must be operator qualified (OQ) as mandated by the state

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Position should have working knowledge of computers and be capable of operating typical and job specific software

Position should be able to perform given tasks under varying weather conditions

PHYSICAL REQUIREMENTS

These functions are required on either a constant, frequent or occasional basis (as indicated)

Constant – More than 90% or 7 hours or more per 8 hour day

Frequent – 21 –50% or 2.5-4 hours per 8 hour day

Occasional – 0-21% or 1-2 hours per 8 hour day

Constant

Use of hands to fingers, handle, or feel; reading, hearing, talking, seeing (close vision, distance vision, color vision) standing, reaching with hands and arms, lifting (moderate/15-50lbs)

Frequent

Walking, climbing, bending, squatting, pushing, pulling, lifting (light/0-14lbs), driving, sitting, vibration

Occasional

Lifting (heavy/over 50lbs), running, crawling, use of office equipment (telephone, computer, copier)

WORK ENVIRONMENT The environmental working conditions of this position will include working outside, primarily, with frequent exposure to moving mechanical parts, outdoor weather conditions (hot, cold, wet, humid), loud/low noise, fumes or airborne particles, traffic. Some daily office work is required as well.