



The City Beautiful

City of Coral Gables Job Description

Job Title: Plumber
Department: Public Works
Classification:
Pay grade: 18C
FLSA: Non-Exempt

Prepared Date: 10/2013
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Summary

Performs highly skilled technical work in the installation, maintenance and repair of building plumbing systems including pumps, pipes, drains and lavatory fixtures as well as decorative fountains, drinking fountains, jockey pumps and septic tanks.

Essential Duties and Responsibilities

The following duties are normal for this position. The omission of specific statements of the duties does not exclude them from the classification if the work is similar, related, or a logical assignment for this classification.

Maintains, repairs and installs plumbing and related fixtures and components.

Assembles, installs and repairs pipes fittings and fixtures of heating, water and drainage systems according to specifications and plumbing codes.

Assembles and installs valves, pipe fittings, and pipes composed of metals (such as iron, steel, brass, copper, and lead) and non-metals (such as glass vitrified clay and plastic) using hand tools and power tools.

Installs and repairs plumbing fixtures such as sinks, water closets, showers and water heaters.

Repairs and maintains plumbing by replacing washers and leaky faucets, mending broken pipe and opening clogged drains.

Obtains and prioritizes work orders.

Estimates labor and material costs for installations and repairs; recommends equipment purchases for the division.

Executes preventative maintenance programs. Prepares and maintains a variety of reports and records for the division.

Monitors work done by outside contractors for adherence to Plumbing Code Requirements.

Reads and interprets blueprints.

Provides technical advice and mechanical assistance to City departments regarding selection, installation and repair of plumbing systems.

Performs other related tasks as required.

Maintains decorative fountains city wide which includes pumps, filters, timers, pipes, drains, skim baskets and controlling algae growth.

Knowledge, Skills, and Abilities

Knowledge of plumbing practices in laying out and installing water and other pipe systems and fixtures, plumbing fixtures, materials and tools and their suitability for different types of work and of their application. The incumbent must be well versed in occupational hazards and of standard precautionary procedures. Knowledge of regulations, policies, work procedures and instructions regarding sanitary plumbing system installations. Knowledge of hydraulics as it relates to flow rates, pipe sizes and pressures. The ability to operate power pipe cutting and treading machines as well as other tools used in the trade. The ability to accurately estimate labor and material costs relative to installation and repair of plumbing systems. Good oral and written communication skills and good organizational skills. Good delegation and interpersonal skills. Blueprint interpretation skills.

Physical Requirements

Must have the use of sensory skills in order to effectively communicate and interact with other employees and the public through the use of telephone and personal contact as normally defined by the ability to see, read, talk, sit, stand, hear, use hands to fingers, handle, feel or operate objects, read and write English. Physical capability to effectively use and operate various items of office equipment; such as but not limited to a personal computer, calculator, copiers and fax machines.

Work is indoors and outdoors, and may require standing for extended periods of time. Must be able to lift, carry and or push articles weighing up to 25 lbs. Must be able to wear hard hat/helmet, safety glasses, safety shoes and gloves. Exposure to extreme temperatures, electrical hazards, noise, heights and dust are common. Must have the physical ability to enter into and inspect hazardous locations, climb stairs, reach above and below shoulders, walk and bend.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the job.

Minimum Education and Experience

High school diploma or equivalent.

Journeyman level of trade education and experience; considerable responsible experience in the installation, maintenance and repair of plumbing systems.