

## CITY OF CORAL SPRINGS Classification Description

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**CLASSIFICATION TITLE:** Utilities Backflow Technician  
**FUNCTIONAL AREA:** Public Works Department

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### WORK OBJECTIVE:

Under general supervision, the purpose of the position is to perform a wide range of semi-skilled work in the maintenance and repair of Utilities backflow equipment. Employees in this classification perform all work according to established safety standards, codes and regulations applicable to the work. Employees in this classification have training and experience in the trade, and can perform tasks independently, though work remains subject to review and inspection during and upon completion of assigned tasks.

### ESSENTIAL FUNCTIONS:

The list of essential functions, as outlined herein, is intended to be representative of the tasks performed within this classification. It is not necessarily descriptive of any one position in the class. The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

- Performs field testing, and records and submits results for all City backflow assemblies; performs annual testing of master meters (3"-8") within City jurisdiction.
- Performs bench testing and repair of City owned or residential refurbished meters (5/8"-2") as requested.
- Performs general maintenance, replacement tasks and repairs to backflow facilities and equipment, e.g., pumps, meters, piping.
- Trouble shoots Billing Department complaints; replaces or reprograms registers; replaces bad touch pads and vaults.
- Trouble shoots customer complaints, high consumption, low pressure, leaks, no water.
- Prepares and submits work estimates for work orders; locates vendors and contractors to supply materials or labor.
- Performs general inspection of backflow equipment to identify existing or potential problems; informs Utilities Superintendent of breakdown or obstruction.
- Operates a variety of hand and power tools for both electrical and mechanical repairs, e.g., air wrenches, air hammer, electric drill, saw, air compressor.
- Maintains various mechanical maintenance and repair records and logs.

### MINIMUM QUALIFICATIONS:

#### **Education / Certifications / Experience –**

High school diploma or GED; supplemented by two (2) to three (3) years experience in semi-skilled backflow maintenance and repair work; or an equivalent combination of education, training, and experience. Must possess and maintain a Backflow assembly tester and repair certification. Must possess and maintain a valid Florida Drivers License, and have an acceptable driving record.

#### **Knowledge, Skills, & Abilities –**

Ability to understand and follow written and oral instructions.

## Utilities Backflow Technician

Ability to read and write English.

General knowledge of the methods, tools, equipment and necessary safety precautions used in utilities maintenance and repair work.

Ability to operate basic office equipment, e.g., computer terminals, printers, copy machines, telephone systems, facsimile machines.

Ability to operate basic manual, electric and gas powered hand tools, e.g., wrench, saw, electric drill, torch, generator, pump.

Skill in operating various specialized tools and equipment, e.g., Midwest 830 Backflow Test Kit, Field 4"x 3/4" Master Meter Testing Assembly, Field Programmer, Visual Reader.

Ability to operate heavy equipment and machinery, e.g., pickup truck, 3/4 crane truck.

### **PHYSICAL REQUIREMENTS:**

Tasks involve the intermittent performance of physically demanding work, typically involving some combination of reaching, bending, stooping, kneeling, or crouching, and that may involve the lifting, carrying, pushing, and/or pulling of moderately heavy objects and materials (20-50 pounds).

### **ENVIRONMENTAL REQUIREMENTS:**

Some tasks are performed with potential for intermittent exposure to disagreeable elements including, but not limited to, heat, humidity, inclement weather, loud noise, and weapons. Tasks include working around moving parts, vehicles, equipment, carts, and materials handling, where heightened awareness to surroundings and environment is essential in the preservation of life and property. Standard body gear and equipment applies in the preservation of life and property, as does safety equipment based on the nature of the work.

The City of Coral Springs is an Equal Opportunity Employer. In compliance with Equal Employment Opportunity guidelines and the Americans with Disabilities Act, the City of Coral Springs provides reasonable accommodation to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.