

CITY OF CORAL SPRINGS Classification Description

CLASSIFICATION TITLE: Utilities Mechanic
FUNCTIONAL AREA: Public Works Department

WORK OBJECTIVE:

Under general supervision, the purpose of the position is to perform a wide range of skilled labor intensive work in the maintenance and repair of City water treatment, collection, and reuse facilities. Employees in this classification function at journey level, and are accountable for ensuring the efficient and effective operation of water facilities and equipment. Employee works with independence, however, confers with the Utilities Superintendent in unusual or highly complex operational repairs or construction projects.

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 routine to complex repairs, replacement tasks and construction projects to water treatment, collection, and reuse facilities and equipment.
- Cleans, inspects and maintains lift stations and wastewater facilities and equipment, e.g., removes grease; lubricates motors and equipment, replaces packing in pumps and valves, replaces wiring and bearings in motors and pumps.
- Performs routine preventative maintenance of mechanical collection and conveyance systems and electrical systems.
- Performs inspection of facilities and 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.
- Assists in the development and integration of Utilities policies and procedures for operational enhancement.
- Maintains various mechanical maintenance and repair records and logs.
- Provides 24-hour on-call emergency availability.

MINIMUM QUALIFICATIONS:

Education / Certifications / Experience –

High school diploma or GED; Vocational training/certification with major coursework in electrical, mechanical and/or plumbing; supplemented by two (2) to three (3) years responsible experience in the skilled labor of Utilities maintenance and repair; or an equivalent combination of education, training, and experience. Must possess valid Florida drivers license and have an acceptable driving record.

Knowledge, Skills, & Abilities –

Ability to understand and follow written and oral instructions.

Knowledge of the methods, tools, equipment and necessary safety precautions used in mechanical repair and maintenance work of Utilities facilities.

General knowledge of electricity as related to Utility equipment and facilities.

Utilities Mechanic

Skill in inspecting machinery and mechanical equipment and to detect and identify apparatus malfunctions.

Knowledge of all functions relevant to the operation of pumps.

Ability to operate various hand held tools and repair equipment, e.g., wrenches, pipe fitting tools, power drill, grinder, band saw, ventilating blower, saws, air-compressors.

Ability to operate various heavy equipment and machinery, e.g., utility vehicles, crane hoist, fork lift, back hoe.

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

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 heavy objects and materials (20-100 pounds). Some tasks involve the intermittent performance of extremely physically demanding work, typically involving some combination pushing, and/or pulling of extremely heavy objects (500+ pounds).

ENVIRONMENTAL REQUIREMENTS:

Some tasks are performed in a shop environment, where heightened awareness to surroundings and observance of established safety precautions is essential in avoidance of injury or accidents. Some tasks are performed in an outdoor environment with potential for exposure to disagreeable elements, e.g., heat, humidity, toxic agents. Tasks include working around moving parts, equipment, carts, and materials handling where physical risks are predictable/controllable by observance of standard safety precautions.

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.