

CITY OF CORAL SPRINGS
Classification Description

CLASSIFICATION TITLE: Lift Station Mechanic
FUNCTIONAL AREA: Public Works Department

WORK OBJECTIVE:

Under general supervision, performs manual, mechanical and electrical work involving the operation and maintenance of lift station equipment and grounds. Work includes repairing and replacing pumps, piping and related equipment in the City's wastewater pumping stations. Work is performed independently in accordance with established operating procedures.

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.

- Conducts preventive maintenance inspections of lift-stations, i.e., inspects pumps, motors, compressors, valves, float control systems and electrical systems.
- Performs general maintenance on lift stations according to manufacturers' specifications and departmental policies and procedures, e.g., lubricates motors and equipment, adjusts belts and pulleys as necessary, adjusts and calibrates wet well levels, cleans and removes grease build up in wet wells.
- Performs minor repairs on lift stations according to manufacturers' specifications and departmental policies and procedures, e.g., replaces packing in pumps and valves, replaces bearings in motors and pumps, replaces wiring.
- Cleans and installs flange piping and pipe-fittings in pump houses and wet wells.
- Installs various equipment and machinery as necessary.
- Troubleshoots and repairs routine to moderately complex electrical problems; assists foreman with difficult or highly complicated maintenance or repair tasks.
- Ensures safety of personnel and equipment during electrical repairs.
- Maintains various mechanical maintenance and repair records and logs.
- Prepares and submits departmental forms and paperwork; works on-call on rotation during weekends and nights.
- Maintains cleanliness of lift station equipment and machinery.
- Responds to Telemetry monitoring alarm while on call.

Lift Station Mechanic

MINIMUM QUALIFICATIONS:

Education / Certifications / Experience –

High School Diploma or GED; Class C Collection FWPCOA Wastewater Collection Certification; supplemented by two (2) years mechanical or electrical experience required; Valid Florida Driver's License required. Equivalent training or experience may be considered.

Knowledge, Skills, & Abilities –

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

General knowledge of electricity as related to electric motors and pumps.

Knowledge of all functions relevant to the operation of pumps.

Ability to understand and follow written and oral instructions.

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.

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

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

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 (20-90 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.