



*The City Beautiful*

## **City of Coral Gables Job Description**

**Job Title:** Sewer Maintenance Mechanic  
**Department:** Sanitation  
**Classification:** 3118  
**Pay grade:** 16C  
**FLSA:** Non-Exempt

**Prepared Date:** 12/06  
**Approved By:**  
**Approved By:**

### **Summary**

Performs skilled work in the maintenance and repair of sewage lift and plumbing station plants and equipment.

### **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.

Inspects pumps, motors, compressors, ejectors, check valves, drive shafts and related components for excessive wear, proper lubrication and efficient operation. Makes adjustments and repairs as necessary.

Removes and replaces pump shaft wear sleeves, bearings and pump packing, adjusts packing bibs to required torque settings.

Inspects motors for proper engaging, disengaging and alternating. Checks mercury switches and high and low level float gauges. Adjusts and repairs mechanism as required.

Makes monitor repairs to electrical panels, fuses, switches and wiring.

Rakes bar screens, remove debris, washes down stations and performs other manual tasks.

Conforms with and abides by all regulations, policies, work procedures and instructions.

Conforms with all safety rules which includes wearing and using all appropriate safety equipment.

Performs other related tasks as required.

### **Knowledge, Skills, and Abilities**

Knowledge of methods and techniques used in the installation, repair and maintenance of a wide variety of electrical motors, pumps, gauges, contacts and valve equipment is required. Ability to inspect equipment and determine the operating conditions and to make the necessary repairs. Ability to read directions and work from pencil sketches. Good written and oral communication skills. Skills in the use of mechanic's tools and shop equipment in the installation, repair and maintenance of Lift Station equipment. Knowledge, training, and experience in remote SCADA (telemetry) systems. Ability to supervise the work of others in a manner conducive to full performance and high morale.

## **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, copies and fax machines.

Work is predominately outdoors and involves inspection and repair of various electrical equipment. 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.

Two (2) years experience in mechanical repair of electrical motors, compressors, pumps or related equipment.

FWPCOA class C collection certificate.

Valid Florida Driver's License