

**CITY OF STUART
JOB DESCRIPTION**

Title: UTILITY MAINTENANCE MECHANIC APPRENTICE

Department: Utilities & Engineering - Water Treatment Team

Job Code: TBD

Grade: 5

Exempt Status: Non-Exempt *Safety Sensitive Position*

CHARACTERISTICS OF THE CLASS

Under the general direction of the Utility Senior Maintenance Mechanics and Plant Services Manager, incumbent is responsible for assisting in the general maintenance and repair of water, wastewater and reclaim water plant equipment, raw water wells, wastewater lift stations, reclaim equipment, machinery, pipes etc. Responsibilities include assisting with the efficient and safe mechanical and electrical operation of machinery and equipment through-out our treatment systems. Assist with the installation of new equipment, and basic repairs while maintaining equipment. *This is a safety-sensitive position requiring screening for illegal substance and alcohol use.* Work is reviewed by the Utility Senior Maintenance Mechanics and Plant Services Manager through observation and completed work orders for adherence to established policies and procedures.

EXAMPLES OF ESSENTIAL FUNCTIONS

1. Operates mowers, weed eater's, tree hedgers, saws and other hand and power tools used in utilities site equipment maintenance.
2. Assist with cleaning lime reclaim ponds, lime soften basins, aeration basins and clarifiers.
3. Operates a wide range of basic utility equipment, including but not limited to welders, torches, and standard and specialized hand and power tools.
4. Maintains internal wastewater lift stations control floats, removes grease products from wall surfaces, and nets floating grease from wet well wastewater surfaces.
5. Assist with inspections, basic repair services, paints lift stations and raw water well structures, pumps, motors and equipment.

Utility Maintenance Mechanic Apprenticeship - continued

6. Assist with replacing pumps, blowers, motors, bearings, broken valves, leaky water and wastewater pipes and faulty equipment as directed.
7. Enters and works in confined spaces in conformance with established confined space permit protocols.
8. Cleans tanks and other structures and equipment as directed; maintains facilities and grounds.
9. Maintains corrective and preventive maintenance work order records with Utility Senior Maintenance Mechanics and Plant Services Manager.
10. Assist with performing general maintenance of water plant and water reclamation facility and equipment.
11. Assist with operating emergency power generators during emergency events.
12. Assists other Utility Senior Maintenance Mechanics, and other personnel as required.

NOTE: The examples of essential functions as listed in this classification specification are not necessarily descriptive of any one position in the class. The omission of an essential function of work does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

REQUIREMENTS

A. Training and Experience:

High School Diploma or equivalent. Must possess a valid Florida Class B CDL Driver's License within 12-months.

B. Knowledge, Abilities and Skills:

Basic knowledge of the occupational hazards, materials and safety precautions associated with the trade.

Ability to diagnose basic problems and perform basic routine maintenance on related utility equipment.

Ability to communicate effectively, orally and in writing.

Utility Maintenance Mechanic Apprenticeship - continued

Ability to read and interpret basic electrical and mechanical drawings.

Ability to establish and maintain effective working relationships with other team members, superiors and the general public demonstrating a courteous and concise manner.

Ability to maintain current and basic levels of knowledge, skills including but not limited to computers and abilities by attending workshops, seminars, and related courses.

Skill in the use of standard and specialized mechanical hand and power tools.

C. Physical Requirements:

Task involves the regular, and at times sustained, performance of heavier physical tasks such as walking over rough or uneven surfaces, bending, stooping, reaching, and working in confined spaces; and lifting or carrying moderately heavy (25-50 pound) items and occasionally very heavy (100+ pounds) items; involves the frequent use of coordinative and manipulative skills in performing a variety of tasks with the full range of hand-eye coordination with power tools and shop equipment; or the skilled and complex operation of heavy equipment calling for adherence to exacting standards of depth, grade, dimensions, and contours. Must be able to pass fit and pulmonary testing associated with Full-Face Respirator Mask usage.

D. Environment Requirements:

Task may require frequent exposure to adverse environmental conditions.

E. Sensory Requirements:

Task requires color perception and discrimination.
Task requires sound perception and discrimination.
Task requires odor perception and discrimination.
Task requires depth perception and discrimination.
Task requires texture perception and discrimination.
Task requires visual perception and discrimination.
Task requires oral communications ability.