

## **CITY OF MARGATE, FLORIDA JOB DESCRIPTION**

### **JOB TITLE: IRRIGATION MECHANIC (Job Code 505)**

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#### **GENERAL STATEMENT OF JOB**

Under general supervision, performs skilled work in maintaining repairing and installing irrigation systems for the city's Parks & Recreation Department. Position supervises the work of semi-skilled personnel when projects require additional labor. Employees in this classification are responsible for assisting with grounds preparation such as grading and lining of athletic fields. Position performs the duties of Foreman when directed. Performs and has a through working knowledge of grounds maintenance operations and processes the necessary leadership and experience to perform all related work as required.

#### **ESSENTIAL FUNCTIONS**

**The following duties and functions, as outlined herein, are intended to be representative of the type of tasks performed within this position. They are not listed in any order of importance. The omission of specific statements of the duties or functions does not exclude them from the position if the work is similar, related, or a logical assignment for this description. Other duties may be required and assigned.**

Maintains or replaces sprinkler heads and hydro-indexing valves, electrical valves and ball valves for manual, hydraulic, and electric irrigation systems, ensuring safety standards and policies are met.

Installs and removes pumps and turbines, replaces impellers and performs other minor pump repairs.

Installs new irrigation systems or modifies existing systems to meet individual grounds/parks.

Repairs and/or replaces hydraulic or electrical controls on new installations.

Tests existing, new and modified systems regularly to ensure continued and efficient operation.

Maintains work orders and various records relating to pending projects, materials utilized/required, vehicle repairs and daily activity work sheets.

Acts in the capacity of Division Leader to supervise the activities of semi-skilled workers when the size of projects warrants additional labor, as directed.

Maintains up to date irrigation parts inventory, ensuring sufficient materials stock at all times.

Performs/assists in grounds maintenance activities, i.e., re-sodding, grading, lining and special events.

Operates a motor vehicle on city, county, state and federal roadways.

Operates all equipment, machinery utilized by the division.

Performs related work as required.

Performs emergency response duties as necessary.

## **MINIMUM TRAINING AND EXPERIENCE**

High school diploma or equivalent, supplemented by one (1) year of full-time irrigation work experience that provides a broad knowledge of various types of systems and troubleshooting experience. Must obtain and demonstrate proficiency as an irrigation mechanic within the probationary period. Must possess and maintain a valid Florida Class "B" CDL.

## **MINIMUM QUALIFICATIONS OR STANDARDS REQUIRED TO PERFORM ESSENTIAL JOB FUNCTIONS**

Physical Requirements: Tasks involve frequent walking, standing, bending, stooping; some lifting and carrying objects of moderate to heavy weight (20-50 pounds).

Data Conception: Requires the ability to compare and/or judge the readily observable, functional, or composite characteristics (whether similar to or divergent from obvious standards) of data, people, or things.

Interpersonal Communication: Requires the ability to speak and/or signal people to convey or exchange information. Includes giving and receiving instructions, assignments and/or directions.

Language Ability: Requires the ability to read a variety of materials relevant to government, legal, and city administration operations.

Intelligence: Requires the ability to utilize long-range planning principles and methods. Requires the ability to analyze, plan, and draw valid conclusions in program management and prioritization.

Verbal Aptitude: Must communicate efficiently and effectively in standard English. Must speak with poise, confidence, and voice control.

Numerical Aptitude: Requires the ability to add, subtract, multiply and divide; calculate decimals and percentages; utilize algebraic formulas and descriptive statistics.

Form/Spatial Aptitude: Requires the ability to inspect items for proper length, width and shape, and visually read various information.

Motor Coordination: Requires the ability to coordinate hands and eyes accurately in handling, sorting, and managing paperwork and documentation.

Manual Dexterity: Requires the ability to utilize a variety of modern office equipment. Must have minimal levels of eye/hand/foot coordination.

Color Discrimination: Requires the ability to differentiate between colors or shades of color.

Interpersonal Temperament: Requires the ability to deal with people from a variety of departments in both giving and receiving instructions. Must be able to perform duties when confronted with individuals acting under stress.

Physical Communication: Requires the ability to talk and/or hear: (talking: expressing or exchanging information by means of spoken words: hearing: perceiving nature of sounds by ear).

Environmental Requirements: Tasks are regularly performed without exposure to adverse environmental conditions, i.e. dirt, cold, rain, fumes.

**KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of manual, hydraulic, and electrical irrigation systems installation and repair.

Knowledge of the materials and methods required in installation, maintenance, and repair of irrigation systems.

Knowledge of report and record keeping principles and practices.

Skilled in the use of various hand tools and electrical equipment, and various types of heavy machinery utilized in irrigation maintenance, installation, and repair.

Ability to identify problems pertaining to pumps, clocks, pipes, valves, sprinkler heads and choose appropriate course of action.

Ability to perform strenuous work in varying weather conditions.

Ability to read specifications, architectural drawings, and scale designs of current and proposed irrigation system.

Ability to establish and maintain effective relationships with supervisor, suppliers and vendors, and division personnel.

Ability to organize and review work for efficient results and accuracy.

**EQUAL OPPORTUNITY EMPLOYER**

The City of Margate, Florida, is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act (42 U.S. C. 12101 et. seq.), the City of Margate will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer. The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job.

I have read and acknowledge receipt of this Job description.

\_\_\_\_\_  
Employee Name and Signature

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Date