



San Antonio River Authority Job Description

Lock & Dam Technician I

DEPARTMENT: Watershed and Park Operations **LABOR GRADE:** 109
EXEMPT(Y/N): No **POSITION CODE:** 112113300
REPORTS TO: Riparian Operations Foreman

MEETING PERFORMANCE EXPECTATIONS

To perform this job successfully, an individual must perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skills and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

SUMMARY:

Operates lock and dam equipment and machinery to allow river barges to pass from one level to another.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following:

- Repairs and replaces sensors, switches, and filters on hydraulic gates to ensure proper function.
- Controls machinery to open and close locks and dams on the river.
- Observes positions of vessels and mooring lines to ensure optimum utilization of lock space, prevent vessel damage, and protect public safety.
- Cleans, oils, and makes minor repairs to equipment and performs daily check of lock and dam structure and equipment.
- Operates the lock chamber and gates by emptying and filling valves manually or by using mechanical equipment while adjusting control valves to increase or decrease water level in lock.
- Cleans the lock and dam building, safe harbor, and restrooms daily.
- Repairs as needed, the restroom faucets, toilets, plumbing, etc.; occasionally works with mortar and concrete.
- Represents the River Authority in a professional, customer oriented demeanor to promote appreciation of the river and natural resource stewardship.
- Performs routine litter pick-up, debris removal, and normal maintenance with Riparian Operations Technicians along the Museum Reach area.

- All other duties as assigned.

The absence of specific statements of duties does not exclude those tasks from the position if the work is similar, related, or a logical assignment of the position.

QUALIFICATION REQUIREMENTS:

The requirements listed below are representative of the knowledge, skill and/or ability required to successfully perform the essential functions of this position.

SUPERVISORY REQUIREMENT:

This position does not directly supervise any employees.

EDUCATION and/or EXPERIENCE:

A High School diploma or G.E.D. equivalent with at least six (6) months of progressively responsible experience in general maintenance of equipment and machinery; or a combination of experience and education that results in the required knowledge, skills, and abilities is required.

SPECIAL QUALIFICATIONS:

A thorough knowledge of safety practices, standard operating procedures and emergency response procedures; ability to attain a “Handlers Verification Card” within six (6) months of employment; ability to work independently; ability to deal tactfully and effectively with the general public and other River Authority employees in a variety of public contact situations; ability to attain a Texas Parks & Wildlife Boater Safety card within six (6) months of employment; ability to work in confined spaces to perform repairs, maintenance, and clean in spaces previously filled with or in waste deep river water; ability to be well organized and manage time efficiently; ability to obtain CPR/First Aid Certification within six (6) months of employment; the ability to swim; and computer proficiency in the current Microsoft Office package is required.

Must have and maintain a valid driver’s license and an insurable driving record.

LANGUAGE AND REASONING SKILLS:

Ability to provide excellent customer service; ability to understand written or oral instructions; read, analyze and interpret documents, instruction manuals, policies, and procedures is essential. Excellent communication skills (both oral and written) are required to effectively present information in a one-on-one, small or large group setting. Ability to analyze data and information is essential. Strong interpersonal skills are essential to maintain effective working relationships with elected officials, agency representatives, civic groups, employees, and members of the general public. The ability to work effectively and efficiently, under sometimes stressful conditions, to ensure deadlines are met is essential.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

Work requires the ability to traverse uneven terrain, and intermittently walk, stand, climb, balance, bend, crouch and reach while performing work duties Regularly and safely lifts, carries, and handles supplies and equipment weighing at least 70 pounds. Occasionally lifts and carries up to 80 pounds approximately 15 feet. Visual acuity, hand/eye coordination and manual dexterity to operate vegetative maintenance equipment are required.

WORKING ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

Works primarily outdoors and a majority of the time in a lock and dam operator box, sometimes in adverse weather, and is exposed to such typical hazards of outdoor work as poison ivy, wasps, snakes, and other natural and mechanical hazards.

The stress level for this position is low and the workload often requires this position to work non-traditional hours to ensure deadlines are met in a timely manner. Must be able to perform in a small but highly professional team oriented environment.

Must be able to function in a principle based organization that has a culture built on character and SARA Core Values of Stewardship, Integrity, and Excellence.