



Maintenance Tech I

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| Department/Group: | Division 3 – Dam & Aqueduct Maintenance Branch | Travel Required: | Sometimes |
| Location: | Headquarters - Sanford | Position Type | Full Time |
| Reports to: | General Maintenance Foreman | Grade Level: | Non-Exempt -- 5 |

JOB SUMMARY:

Under general supervision, performs a variety of operation maintenance, repair, inspection, and construction tasks for Sanford Dam, the aqueduct system and facilities related to the operation of pumping water from Lake Meredith.

ESSENTIAL JOB FUNCTIONS:

The duties and responsibilities listed below are intended to provide a representative list of the various types of work that may be performed. Specifications are not intended to reflect all duties performed within the job class. The omission of specific duties does not exclude them from the position if the work is similar, related or logical assignment to this class.

- Inspects, maintains, repairs and operates dam, aqueducts, valves, dam, spillway, outlet tower, and other aqueduct and reservoir facilities; operates flow control gates and valves for aqueduct and reservoirs
- Assists in the filling and draining of aqueduct
- Reads meters on an assigned route
- Performs semi-skilled work in a variety of trades in the installation, construction, repair, maintenance, and inspection of the Authority buildings and facilities
- Assists with pipe leaks, repairs or special projects
- Operates compressors, common hand and power tools, paint and weed sprayers, and pumps
- Installs, maintains, and repairs fences, gates, culverts, drains and small size piping, and erosion control installations, burns brush and weeds; removes garbage, rubbish, or other material that may pose a fire or water pollution hazard
- Excavates, shores, and backfills trenches
- Performs in a safe manner and established policies, procedures and safety measures are followed
- Uses mechanical hand and power driver tools and equipment such as grinders, sanders, drill presses, lathes, testing and welding equipment, and other shop tools and equipment.
- Operates a variety of construction equipment such as a backhoe, fork lift, skid steer, dozers, etc
- Performs work at heights and in enclosed structures when required
- Operates assigned vehicles skillfully and safely; inspects and fuels vehicles; reports the need for repairs and service; observes safe driving practices
- Purchases equipment for the shop
- Performs housekeeping duties for designated facilities, equipment, and vehicles
- Establishes and maintains cooperative working relationships with co-workers and outside agencies

KNOWLEDGE, SKILLS AND ABILITIES:

Knowledge of:

- Identification and use of common hand and power tools
- Practices and procedures of general maintenance work
- Operation and minor maintenance of various vehicles and equipment
- Safety practices related to repair and maintenance work
- Arithmetic and mechanical principles related to shop and field work

Ability to:

- Perform construction and maintenance activities
- Follow oral and written instructions; communicate clearly and concisely, both orally and in writing
- Acquire increased job knowledge and skills

EDUCATION AND EXPERIENCE:

Any combination of education or experience that would likely provide the necessary knowledge and abilities is qualifying. A typical way to obtain these knowledge and abilities would be:

- Graduation from high school or equivalent

LICENSES, CERTIFICATES AND/OR SPECIAL REQUIREMENTS:

- Possession of a valid Texas driver's licenses and the ability to maintain insurability under the Authority's Vehicle Insurance Policy

PHYSICAL DEMANDS AND WORK ENVIRONMENT

The physical demands and work environment described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Employees may be required to wear and/or use personal protective and other safety equipment. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, employees are regularly required to: drive for extended periods of time, use hands to finger, handle, feel, or operate objects, tools, or controls; reach with hands and arms; drive; stand; talk or hear; walk or sit; climb or balance; and kneel and crouch. The employee must regularly lift and/or move up to 25 pounds, frequently lift and/or move up to 50 pounds, and occasionally lift and/or move up to 75 pounds and climb ladders and tanks up to 200 feet. Specific vision abilities required by this job include close, distance, color, and peripheral vision; depth perception; and the ability to adjust focus.

Environment: Employee regularly: works outdoors, exposed to sun, temperatures above 90 degrees and below 40 degrees, and other weather conditions; exposed to potential electrical shock and hazardous materials. Employee frequently: exposed to unusually loud sounds. Employee occasionally: exposed to fumes and odors; works in confined or cramped positions; gets part of body and/or clothing wet; works on wet or slippery surfaces. Some work done at a height of more than 12 feet above ground; some skin exposure to oil or grease.