



## JOB DESCRIPTION

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### Maintenance Crewman II

**FLSA STATUS:** Non-Exempt  
**REPORTS TO:** Assistant Maintenance Supervisor  
**Division:** Hydroelectric  
**GRADE:** 4

#### SUMMARY

The Maintenance crew is responsible for performing emergency or scheduled maintenance and repairs on six (6) dams with associated spill gates, canals and levees, seven (7) hydroelectric generation plants and two (2) raw water delivery systems including right-of-ways. This position is required to operate spill gates during high river flows and serve as a relief control room operator as needed.

#### ESSENTIAL DUTIES AND RESPONSIBILITIES

All duties apply to the hydroelectric generation and raw water delivery systems, associated equipment and facilities including powerhouses, generators, dams, spill gates, canals, levees, pumps, pipelines, and associated right-of-ways.

- Perform maintenance and repairs to dams, powerhouses, substations, transformers, transmission lines, warehouses, storage sheds, rent houses, canals, levees, canal headwork equipment, bridges, turbines, generators, switchgear, pumps, motors, raw water delivery systems, pipelines, right-of-ways and other miscellaneous structures and property.
- Maintain all tools and machinery associated with the structures and maintenance and repair work listed in item A.
- Perform assigned duties associated with turbine, generator, powerhouse, and raw water delivery system equipment inspections and repairs.
- Operate spillway gates as assigned so that adequate river flow, proper lake level, and removal of river debris are all accomplished as safely and effectively as possible.
- Perform call duty on a rotating roster as assigned by the Maintenance Supervisor.
- Strive to become more knowledgeable of Hydroelectric Generation facilities and associated equipment, raw water delivery systems, operational procedures, safety programs, and the GBRA strategic plan.
- Perform duties in a manner that is safe, efficient, and conducive to a good working atmosphere.
- Comply with the Safety Manual and all applicable policies and procedures.

- During times of unsettled weather, be available to operate spill gates and/or perform emergency duties as assigned by the Maintenance Supervisor, the Division Manager, or the Control Room Operator.
- Serve as a relief control room operator as assigned by the Maintenance Supervisor or Division Manager
- Attend pertinent training classes as required.
- Serve as a leader when working with contract laborers.
- Perform other tasks as assigned.

### **KNOWLEDGE/SKILLS/ABILITIES**

- Operate hand wheels that control dam spillway gates.
- Work weekends and nights when needed and respond with minimum delay to callouts and emergency situations.
- Must be able to swim.
- Operate gas, electric, hydraulic, and hand tools with both hands.
- Work in a team environment adhering to the Hydro Division's Mission and Vision statements.
- Possess basic computer skills including Microsoft Word, Excel and Outlook.
- Individuals working in this position will work on and inside the dams, inside powerhouses and pump stations, in and around water, and during emergency situations, and are on duty any hour of the day or night. The working conditions are approximately 50% indoor and 50% outdoor
- This individual will also serve as a relief control room operator when needed. The control room is a 24 hour, 7-day, 52-week per year shift work position. Each regular operator works a 12-hour day shift and a 12-hour night shift on a rotating schedule that includes weekends and holidays. A relief operator will fill in any of these shifts when a regular operator is unable to work. During weekends, holidays, and on night shifts, the operator works alone, unsupervised, and must be capable of making critical decisions regarding raw water delivery systems, water and wastewater treatment plants, the hydroelectric generation system, and the needs of GBRA's customers. The working conditions are 100% in an indoor controlled environment. Travel is generally limited to throughout the Hydroelectric System area.
- The permanent residence of all Hydro employees must be such that roadway travel time from home to 933 East Court Street takes no more than 45 minutes. This response time must be achieved without violating traffic laws

### **EDUCATION/ LICENSES**

#### **Education:**

High School Diploma or GED

#### **Registrations and Licenses:**

- Texas Class A Commercial Driver's License (or be able to obtain a CDL within 90 days of employment)
- Acceptable Motor Vehicle Report

**EXPERIENCE**

Experience in previous Hydroelectric setting preferred but not required.

**MANAGERIAL RESPONSIBILITIES**

No.

**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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Have body strength sufficient to operate high-pressure, high volume water hose in knee-deep mud conditions under dam spill gates. Work at elevated levels of over 50 feet on platforms, roofs, suspension bridges, etc. Climb up and down vertical ladders up to 20 feet in length. Repeatedly pull up loads of up to 50 pounds with large rake from depths up to 20 feet. Repeatedly lift, load, and unload up to 50 pounds. Safely lift loads up to 50 pounds chest high. Hear bells, horns, alarms, and any other audio indicators of message or emergency while inside of an operating hydroelectric generating plant or raw water pump station. Wear personal protection equipment as outlined in the employee Safety Manual such as half-mask respirator. Operate hand wheels that control dam spillway gates. Enter and work in confined spaces, as defined by OSHA. Perform basic first aid and CPR. Employees must wear protective footwear in compliance with ANSI or ASTM standard.

**WORK ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

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**ACKNOWLEDGEMENTS**

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Employee Signature

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Date

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Supervisor Signature

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Date

The above statements are intended to describe the general nature and level of work performed by people assigned to this classification. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. Management retains the right to add or to change duties, education/experience/skills requirement of the position at any time.