

POSITION DESCRIPTION
Guadalupe-Blanco River Authority

POSITION TITLE: MAINTENANCE CREW II

I. ORGANIZATION

Division: Hydroelectric Grade: 4 Last Revised: 10/31/11

System: Generation Salary Category: Non-exempt

II. REPORTING RELATIONSHIPS

Immediate Supervisor: Maintenance Supervisor

Next Higher Supervisor: Assistant Division Manager

III. JOB SUMMARY (Including number of personnel supervised)

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.

IV. TYPICAL DUTIES (May include, but not limited to the following:)

(All duties apply to hydroelectric generation and raw water delivery systems, associated equipment and facilities including power houses, generators, dams, spill gates, canals, levees, pump, motors, pipelines and right-of-ways.)

- A. 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.
- B. Maintain all tools and machinery associated with the structures and maintenance and repair work listed in item A.
- C. Perform assigned duties associated with turbine, generator, powerhouse, and raw water delivery system equipment inspections and repairs.

- D. 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.
- E. Perform call duty on a rotating roster as assigned by the Maintenance Supervisor.
- F. 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.
- G. Perform duties in a manner that is safe, efficient, and conducive to a good working atmosphere.
- H. Comply with the Safety Manual and all applicable policies and procedures.
- I. During times of unsettled weather, be available to operate spill gates and/or perform emergency duties as assigned by the Maintenance Supervisor, the Assistant Division Manager, or the Control Room Operator.
- J. Serve as a relief control room operator as assigned by the Maintenance Supervisor, Assistant Division Manager, or Division Manager.
- K. Attend pertinent training classes as required.
- L. Serve as a leader when working with contract laborers.
- M. Perform other tasks as assigned.

V. REQUIREMENTS OF THE POSITION

Education: High School Diploma or GED

Registrations and Licenses:

1. Texas Class A Commercial Drivers License (or be able to obtain a CDL within 90 days of employment)
2. Acceptable Motor Vehicle Report

Experience and Special Requirements:

1. Must be able to swim.
2. Must be able to work in a “team environment”.
3. Possess basic computer skills including Microsoft Word, Excel and Outlook.
4. 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.

VI. WORKING CONDITIONS, TRAVEL, EQUIPMENT USED

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, be 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.

VII. ESSENTIAL JOB FUNCTIONS

- A. Drive a motor vehicle.
- B. Have body strength sufficient to operate high-pressure, high volume water hose in knee-deep mud conditions under dam spill gates.
- C. Operate hand wheels that control dam spillway gates.
- D. Repeatedly pull up loads of up to 50 pounds with large rake from depths up to 20 feet.
- E. Repeatedly lift, load, and unload up to 50 pounds from the back of trucks.
- F. Climb up and down vertical ladders up to 20 feet.
- G. Work weekends and nights when needed and respond with minimum delay to callouts and emergency situations.
- H. Work at elevated levels of over 50 feet on platforms, roofs, suspension bridges, etc.
- I. Work in confined space as defined by OSHA.
- J. Operate gas, electric, hydraulic, and hand tools with both hands.
- K. Be able to read and understand product labels, material safety data sheet (MSDS) literature, instructions and directions written in English.
- L. Be able to hear bells, horns, alarms, and any other audible indicators of message or emergency while inside of an operating hydroelectric generating plant or pump station.
- M. Perform basic first aid and CPR.
- O. Work in a team environment adhering the Hydro Division's Mission and Vision statements.
- P. Wear personal protection equipment as outlined in the employee Safety Manual such as half-mask respirator.