

Toledo Bend Project Joint Operation
Sabine River Authority of Texas
Job Posting

Branch: Powerhouse Operations and Maintenance
Division: TBPJO
Job Title: Hydro Technician – Maintenance
Salary and Benefits: Full-time position offering competitive salary, health, dental, optical, and retirement benefits

HYDRO TECHNICIAN - MAINTENANCE

A. JOB QUALIFICATIONS

Under general supervision, must be able to perform complex mechanical work involved in the inspection, repair, and installation of mechanical equipment in Hydro plant generating stations, must be able to assume responsibility for operation of the Hydro plant equipment, and be qualified to do the following and related work as assigned:

1. Inspect and maintain Hydro plant mechanical equipment, such as turbines, pumps, fans, compressors, piping systems, heat exchange apparatus, head gates, tail gates, governor system, diesel generator, and appurtenant equipment in accordance with applicable statutory rules and regulations.
2. Place in service, or remove from service, and operate in a safe manner, Hydro turbine-generator and related auxiliary equipment, station service electric circuits, air circuit breakers, oil circuit breakers, disconnect switches, transformers, storage batteries, recording instruments, governor system, generator bearings, turbine bearings, air compressors, heat exchangers, head gates, and tail gates.
3. Perform operations requiring reasonable precision with machine tools, such as drill presses, pipe and bolt threading machines, band saws, punch or shear, etc.
4. Fabricate tools and fixtures for routine special uses.
5. Set up rigging for the installation and maintenance of Hydro plant mechanical equipment, foundation, supports, etc.
6. Assist in the daily Hydro plant operation, and routinely perform the Hydro Plant Coordinators duties, pertaining to Hydro plant operation, during absences.
7. Prepare maintenance and other routine reports.
8. Perform necessary housekeeping throughout the powerhouse and surrounding areas. This will include sweeping, mopping, dusting oil clean up, waste cans and any other task the are needed, to maintain a clean and safer facility.
9. Assist the SRA in the implementation of the Owner's Dam Safety Program including, but not limited to construction, operation, maintenance, surveillance, monitoring, and inspection of Toledo Bend Project Joint Operation facilities.
10. Assist the SRA in other areas when required.

B. EXPERIENCE AND SPECIAL QUALIFICATIONS

1. Be familiar with the strength and use of ropes, chains, cables, etc., as used in rigging.
2. Be proficient in the use of and nomenclature of tools and equipment ordinarily used.
3. Be familiar with various kinds of metals, their applications, available sizes, and shapes.

4. Be thoroughly familiar with electrical and mechanical tagging rules.
5. Know Company's safety rules and be able to administer all approved methods of resuscitation and be able to render practical first aid.
6. Know the location of, and be able to operate, all firefighting equipment. Know what kind of equipment to use on electrical, oil and other fires.

C. PHYSICAL QUALIFICATIONS:

1. Must have full use of mental and physical faculties.
2. Have strength and endurance adequate for arduous labor as circumstances may require.

D. PERSONAL QUALIFICATIONS:

1. Be particularly alert in observing hazards and avoiding accidents.
2. Be willing to attend and take part in safety meetings.
3. Be willing to work in unusual surroundings, as well as the normal working conditions pertaining to this job.
4. Be willing to work irregular or extra hours as required.
5. Be able to receive and transmit orders and instructions in such a manner as to inspire respect and confidence of both supervisors and subordinates.
6. Be especially neat, clean, and orderly in work and person.
7. Understand the importance of always rendering and maintaining first class, courteous service to all customers.

CONTACT:

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