

SOUTH COLUMBIA BASIN IRRIGATION DISTRICT
Job Description

Job Title: Pump Mechanic
Department: Pump-Electrical
Reports To: Pump-Electrical Manager
FLSA Status: Nonexempt
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Approved By: Ryan Petersen
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SUMMARY

Tests, services, and repairs all pumps utilized by the South Columbia Basin Irrigation District (District). Services valves, gear boxes, and hydraulic systems relating to check gates and pumping plants that the District operates.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Must be able to perform all tasks within the scope of this position in what is considered a safe manner.

1. Responsible for periodic inspection of pumps to maintain operational integrity of all units during the water season.
2. Determines schedule of yearly maintenance by observing, testing, and measuring acceptable tolerances of rotating parts.
3. Removes and installs pumps as required utilizing established safety procedures of rigging using fixed hoist and hydra crane.
4. Services and maintains the hydraulic systems of the District relating to the valves and pumps the District operates.
5. Services and maintains air compressors at the District within the scope of reasonable “in-house repair.”
6. Performs light welding to accommodate repairs of pumps and piping systems.
7. Installs pipe systems as required relating to pumps, hydraulics, and compressors.
8. Supplies input to problem solving by using basic operational theory of split case, turbine, mixed flow, and propeller pumps.

OTHER DUTIES AND RESPONSIBILITIES include the following.

1. Inspects hoists and cranes in the major pump plants to insure safe operational condition.
2. Keeps area watermasters aware of pump sites condition regarding weeds or cleaning.
3. Advises attending Ditchrider of any special circumstances regarding pump plants.
4. Interacts with electricians and watermasters for scheduling service and problem solving.

May be required to perform non-routine tasks consisting of any duty required to accomplish the daily work activities performed by the District. This may be required as a result of an emergency situation or any situation where a supervisor deems it necessary to insure the uninterrupted service of water.

SUPERVISORY RESPONSIBILITIES There are no supervisory responsibilities with this position.

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

EDUCATION and/or EXPERIENCE High school diploma or GED required. Completion of relevant technical or vocational program strongly preferred. A suitable combination of educational preparation and applicable work experience may satisfy the minimum requirements. The following specific skills are required:

1. Must understand operational theory of split case, turbine, mixed flow, and propeller pumps.
2. Must possess the knowledge to remove and install efficiently and safely all the various pumps that the District operates and maintains.
3. Must possess the organizational and technical skills to plan, create, and maintain a yearly maintenance schedule.

LANGUAGE SKILLS Ability to read and comprehend simple instructions, short correspondence, and memos. Ability to write simple correspondence. Ability to effectively present information in one-on-one and small group situations to customers, clients, and other employees of the organization.

MATHEMATICAL SKILLS Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals. Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.

REASONING ABILITY Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form. Ability to deal with problems involving several concrete variables in standardized situations.

CERTIFICATES, LICENSES, REGISTRATIONS A Class A Washington State Commercial Driver's License (CDL) with tank and hazardous material endorsements is required. This license shall be maintained in force while employed under this job description.

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.

While performing the duties of this job, the employee is regularly required to stand and use hands to finger, handle, or feel. The employee frequently is required to walk, reach with hands and arms, and talk or hear. The employee is occasionally required to sit; climb or balance; and stoop, kneel, crouch, or crawl. The employee must regularly lift and/or move up to 10 pounds, frequently lift and/or move up to 25 pounds, and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, peripheral vision, depth perception, and ability to adjust focus.

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.