

**MAJOR FUNCTION**

This is responsible skilled work in the maintenance, repair and operation of wastewater pumping station mechanical equipment. The employee exercises considerable discretion in determining work methods. Work is performed under supervision of the Maintenance Construction Chief.

**ESSENTIAL AND OTHER IMPORTANT JOB DUTIES****Essential Duties**

Maintains and repairs a variety of wastewater pumping equipment, machinery and electrical control systems, overhauls pumps, motors and other equipment; services equipment and machinery. Installs or replaces equipment and machinery. Coordinates and participates in major pumping station installations and renovations. Inspects pumping stations to insure efficient operation. Diagnoses problems and either makes necessary repairs or reports to supervisor. Schedules private contractors and other departments for needed repairs. Gives instructions to electricians, welders, mechanics and maintenance crews. Operates wastewater pumping stations. Checks and adjusts equipment. Records readings. Rebuilds pumps, motors and other auxiliary equipment. Performs electrical, plumbing and welding tasks in repairing equipment. Assists in training personnel and may coordinate the activities of less skilled employee. Performs related work as required.

**Other Important Duties**

Maintains repair shop and supply room. Assists in the maintenance of equipment records. Performs related work as required.

**DESIRABLE QUALIFICATIONS****Knowledge, Abilities and Skills**

Considerable knowledge of the practices, methods, tools, and materials of the mechanical trade. Considerable knowledge of the principles of operation of pumps, motors and related pumping station equipment. Considerable knowledge of the hazards and safety precautions of the mechanical trade. Knowledge of the practices, methods, tools and materials of the electrical trade. Ability to work from sketches, blueprints and brief oral instructions. Ability to diagnose operating trouble and skill in locating and correcting trouble in mechanical and electrical equipment and systems. Skill in the use of tools and equipment of the mechanical trades. Ability to lead and direct the work activities of others.

**Minimum Training and Experience**

Possession of a high school diploma or an equivalent recognized certificate and three years experience that includes maintenance and operation of pumping systems; or directly related experience may be substituted on a year-for-year basis for the required education.

**Necessary Special Requirements**

Must possess the appropriate State Commercial Driver's License (CDL) and endorsement(s) at the time of appointment, or must have passed the appropriate written CDL test/endorsement(s) and obtained a CDL permit at the time of appointment and obtain the appropriate CDL licensure within 60 calendar days from date of employment as a condition for continued employment.

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