

**MAJOR FUNCTION**

This is specialized work in the operation and maintenance of water wells; associated project/program supervision; collection of water samples; operation of elevated storage tanks; and operation of emergency natural gas and diesel engines. Work is performed with minimum supervision. Work is reviewed through inspections and by observing the effectiveness of well operations through the review of reports and test results.

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

Insures adequate availability of chlorine, polyphosphate and fluoride and maintains associated chemical equipment as needed to insure compliance with State requirements. Maintains water pressure and water levels in storage tanks by operating pumps and valves in emergency situations. Checks and lubricates pumps, motors, and other water production equipment found at pumping facilities. Checks electrical controls, resets tripped electrical circuits, and monitors for electrical motor malfunctions. Informs supervisor of machinery and equipment defects and performs necessary maintenance and repairs. Submits material and parts list for maintenance of equipment to Supervisor. Keeps production facilities clean and orderly. Reads and records a variety of charts, meters, gauges, records, log sheets, and operating reports. Collects samples for laboratory analysis and assists in handling water quality complaints and environmental spills. Maintains daily records of equipment repairs and actively participates in developing preventive maintenance programs. Develops miscellaneous projects/programs and oversees them through completion. Performs related work as required.

**Other Important Duties**

May supervise the work of other employees. Reads literature or attends training/ informational events to keep abreast of job specific and general knowledge in area of water production. Performs stand-by/call back duty as required. Performs related work as required.

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

Considerable knowledge of methods, materials, equipment, and practices of modern water treatment. Considerable knowledge of hazards involved in water treatment and the safety requirements for handling chlorine gas and hydrofluorosilicic acid. Considerable knowledge of the rules, regulations, and public laws pertaining to water treatment. Knowledge of the methods, practices, and procedures in the repair and maintenance of pumps, motors, valves, chlorinators, fluoride equipment, and other related equipment. Knowledge of chemistry and mathematics as they apply to water treatment. Ability to prepare clear and concise reports. Ability to follow oral and written instructions. Ability to establish and maintain effective working relationships as necessitated by the work. Skill in the use of microcomputers and the associated programs and applications necessary for successful job performance.

**Minimum Training and Experience**

Must possess and maintain a class "A" water treatment operator's license as currently outlined in Florida Administrative Code 62.602-300 "Qualifications for Operator's Licensure."

**Necessary Special Requirements**

Must possess a valid Class E State driver's license at the time of appointment.

Established: 02-01-88

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