

**POSITION DESCRIPTION
WATER WORKS AND SEWER BOARD
City of Anniston, Alabama**

JOB TITLE: PLANT OPERATIOR

CODE: 506

NATURE OF WORK

This job requires performance of skilled work involving the operation and maintenance of a municipal water treatment plant and facilities.

Work involves participation in the operation of the filtration plant, microbiological lab, and equipment at the water treatment plant. Responsibilities also include daily inspection to assure the safe and efficient operation of the treatment plant during assigned shifts. Assignments are received in written or oral form from the shift Supervisor and must be performed in compliance with technical requirements in the state water treatment regulations and specifications. Position is subject to 24-hour call.

EXAMPLES OF WORK PERFORMED

(All duties listed may not be found in each position, nor does the list include all of the tasks which may be assigned to positions in this class.)

Perform operational tasks to insure the safety of other operators and to assure the water supply is potable and meets required standards. Record and report on a daily basis the use of materials and submit written reports as required.

Check daily log for abnormal readings, etc., so that appropriate corrections may be made. Maintain operating and repair records; check records periodically with test data from laboratory.

Check equipment for necessary maintenance and lubrication and reset feed rates as necessary based on changing water conditions. Perform routine maintenance as required.

Inspect materials, equipment, and supplies and report needs to Supervisor. Insure that the facility is maintained in a high state of cleanliness.

Monitor chemical feed, chlorine, and fluoride; cut grass and maintain grounds and property.

Perform related work as assigned or required when not engaged in primary tasks.

REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES

Considerable knowledge of occupational hazards and safety precautions as required by ADEM and departmental instructions.

Working knowledge of the methods and materials utilized in the conduct of laboratory tests related to the treatment and purification of water.

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Working knowledge of approved methods, codes, regulations, or technical specifications, materials and techniques involved in the routine operation of water pumping and treatment equipment and related testing and measuring devices.

Some knowledge and ability required to read and understand blueprints of buildings and pipe schematics.

Some knowledge of the preventive maintenance procedures and practices applicable to equipment operated by the treatment plant.

Some knowledge of records maintenance practices as applied to treatment plant operations.

Ability to understand electrical schematics.

Ability to determine requirements and to order spare parts, chemicals, and supplies when required on assigned shift.

Ability to understand and follow written and oral instructions.

Ability to perform necessary mathematical calculations, recognize and remedy plant disorders and malfunctions, and maintain plant operations within established standards.

Ability to prepare detailed work, time and material, and other reports as required.

PHYSICAL REQUIREMENTS

Sufficient physical strength to lift at least 100 pounds, and perform other strenuous physical tasks over extended periods of time under varying weather conditions. The ability to bend, stoop, crouch, crawl, and climb/descend/balance at varying heights. Must possess sufficient arm and hand strength to operate all required equipment controls and handle necessary equipment. Must have normal hearing and adequate close vision (may be corrected).

DESIRABLE EXPERIENCE AND TRAINING

Any combination of experience and training equivalent to considerable experience in work involving water plant operation, maintenance and repair work, or construction. Mechanical and/or electrical skill is desired.

Graduation from a senior high school or equivalent with supplemental course work in chemistry, mathematics, and mechanics or equivalent. Ability to read construction and electrical blueprints; knowledge of electrical maintenance and repair is highly desirable.

NECESSARY SPECIAL REQUIREMENTS

ADEM Grade IV Water Plant Operator certification.

Must possess a valid State of Alabama driver's license and a driving record suitable for insurability.