

WATER PLANT OPERATOR

GENERAL NATURE OF WORK

This is skilled work in the operation of a water filtration plant.

An employee in this class is responsible for the operation and maintenance of the water filtration plant. He / She is responsible for conducting tests on a variety of water samples and for the safe and efficient operation of a variety of pumps and filtration equipment. Duties are performed under general supervision.

EXAMPLES OF WORK

The following examples are illustrative of the duties assigned to positions of this class. No attempt is made to be exhaustive in this listing.

Operates and maintains pumps, control panels, fluoridators, chlorinators, filters, motors, and other water plant equipment.

Performs routine chemical and bacteriological analyses according to prescribed methods and at specified times; adjusts chemical feeders, chlorinators, and other equipment to treat water properly.

Records readings off water consumption; makes periodic inspections of plant and settling basins' checks clear well and storage tanks to assure sufficient quantity of water.

Cleans plant equipment and performs necessary housekeeping duties.

Performs related work as required.

QUALIFICATIONS OF THE APPLICANT

Considerable knowledge of water treatment plant operations, maintenance and water quality standards.

Considerable knowledge of water analysis tests and procedures.

Considerable knowledge of the operation of mechanical and electrical equipment used in a water filtration plant.

Ability to operate and maintain motors, pumps, valves and control instruments.

Ability to work under limited supervision.

Ability to take accurate readings, keep routine records, and prepare simple reports.

Ability to establish and maintain effective working relationships with employees, officials, and the general public.

DESIRABLE TRAINING AND EXPERIENCE

The following standards express the minimum background of training and experience desirable as evidence of an applicant's ability to qualify for positions of this class. Other training or experience, if evaluated as equivalent, may qualify the applicant for admission to the examination. Graduation from high school, preferably supplemented by additional courses in chemistry and water analysis, and considerable experience in the operation of a water treatment plant, and in laboratory analysis.

NECESSARY SPECIAL REQUIREMENT: Must have or be eligible, with in-service training, to obtain a Water Operator's License.