

WATER TREATMENT PLANT OPERATOR TRAINEE

FAIR LABOR STANDARDS ACT Status: Non Exempt
Plant

Department:

Reports to: Plant Superintendent and Assistant Plant Superintendent

DESCRIPTION OF WORK

Under general supervision of the Plant Superintendent or Assistant Plant Superintendent, Operator in Training performs any combination of tasks pertinent to operation and maintenance of the water treatment plant. The Operator in Training will work with Certified Water Treatment Plant Operator Grade II and above to gain experience in water pumping, treatment, and purification assuring an adequate and safe potable water supply for the consuming public.

ESSENTIAL JOB FUNCTIONS

DUTIES

Under supervision of Plant Superintendent and Assistant Plant Superintendent, performs skilled plant operations and maintenance by assisting higher skilled employees comply with Iowa Department of Natural Resources regulations. Controls and operates treatment plant equipment including chemical feed adjustments, pumps and valves by using SCADA computer equipment, monitors and regulates the flow of water treatment and processing, observes variations in operating conditions and interprets computer and gauge readings. Conducts visual inspections. Performs basic math calculations and laboratory analysis, calibrates laboratory and online instrumentation. Backwashes filters, operates and maintains membrane filters, chlorine generating units and solids processing equipment. Records, reports and logs plant operations. Collects and analyzes laboratory test results. Maintains, inspects and cleans plant buildings and equipment. Performs related duties as assigned. Maintains positive working relationships with co-workers, other agency employees and the public. Performs other duties as assigned or that are necessary to facilitate the operations of the Keokuk Municipal Waterworks.

QUALIFICATIONS

A high school diploma or equivalent GED.

SPECIAL REQUIREMENTS

Any plant operator trainee who does not obtain an Iowa Department of Natural Resources Water Treatment Grade I license within one year of employment shall be terminated unless qualified for some other vacant position in which the employee can function without violating any government regulation imposed upon the Employer. Must have a valid Iowa driver's license and the ability to drive a motor vehicle on a regular and consistent basis.

PHYSICAL DEMANDS AND WORK ENVIRONMENT

Regular and reliable attendance is an essential function of this job. Employee is expected to be punctual and dependable in order to meet the needs of the department and serve the citizens

of the City. Attendance and reliability are important factors in evaluating individual performance and continued employment.

Work will be conducted at a water treatment plant. Must be able to: work while wearing a respirator. Lift 30 lbs. frequently and 60 lbs. occasionally. Work with or near hazardous chemicals, confined spaces, various weather conditions inside and out, frequently climb steps, stoop, kneel, crouch, reach, stand, use hands to finger, handle and feel, reach with hands and arms, and walk. Ability to continuously stand or walk. Ability to communicate in the English language. Work environment: may occasionally work in temperatures above 100 degrees and below 32 degrees. May occasionally walk on slippery or uneven surfaces. Noise level in work environment is frequently loud. Constant hearing, near and far sight acuity, depth perception, color vision and field of vision are required.