

WWTP MECHANIC'S ASSISTANT

General employment applications may be obtained at the office of the Binghamton-Johnson City Joint Sewage Treatment Facilities, 4480 Vestal Road, Vestal NY 13850, *or from the BJCJSB Web-Site at www.bjcwtp.org*

DISTINGUISHING FEATURES OF THE CLASS:

The work involves assisting in the performance of semi-skilled and skilled tasks related to the repair, maintenance and construction of wastewater treatment plant equipment, vehicles, facilities, and grounds. The work is performed in accordance with the practices involved in preventive maintenance, repair and fabrication of wastewater treatment plant equipment including pumps, manual and electronic valves, digester units, gas and diesel engines, compressors, injection systems and motors. The class differs from that of Wastewater Treatment Plant Maintainer by virtue of the skilled repair and fabrication of plant mechanical equipment. The class differs from the Wastewater Treatment Plant Instrument Technician, because the Technician has responsibility for the skilled repair of complex electronic, electrical, pneumatic and related mechanical equipment. The work is performed under the general supervision of the Head Mechanic, Superintendent, Assistant Superintendent or Mechanic. Does related work as required.

TYPICAL WORK ACTIVITIES:

Assists in a wide variety of job repairs and preventive maintenance to pumps, valves, mechanical screens, degritting equipment, sludge and grit conveyors, gear drives, manual and electronic valves, digester units, chemical injection systems, blowers, compressors, gas and diesel engines, plumbing and piping and HVAC; Assists in the Design and fabrication of equipment modifications to increase performance and / or decrease equipment failure; designs and fabricates supports, pump bases, railings, grating covers, weirs, guards, some concrete repair and construction. Assists in the Evaluation of equipment failures and determines corrective courses of actions and performs preventive maintenance of pumping machinery, conveyors, motors, and other plant equipment; Assists in a variety of machine shop activities such as welding, brazing, steam fitting, tool fabrication; Operates lathe, drill press, grinder, power saw, welding and other shop equipment; Assists in the Installation of new mechanical equipment; Assists in Rebuilding pump sleeves, pump pistons and other equipment; Tightens chains, installs pipes, lubricates and repairs motors; performs preventive maintenance and repairs on trucks and other moving equipment and buildings; Inspects equipment and specifications to determine maintenance needs and schedules; Repacks pumps; prepares time and equipment reports; assists in locating parts for repair and maintenance; performs skilled carpentry and plumbing tasks as needed; performs gas and arc welding; demonstrates a good understanding of applicable policies, procedures and safe work methods associated with working in confined spaces, handling biohazards, and working with hazardous chemicals; general housekeeping of plant facilities; performs other duties as assigned.

MINIMUM QUALIFICATIONS: Graduation from High School or possession of a High School equivalency diploma **and**;

- (a) One year of experience as Wastewater Treatment Plant Maintainer or Operator Trainee; or;
- (b) One-year hands on experience with industrial mechanical maintenance, including but not limited to industrial pumps, engines, motors, conveyance equipment or plumbing.

SPECIAL REQUIREMENTS: Possession of an appropriate level motor vehicle operator license issued by the New York State Department of Motor Vehicles with the ability to be covered under plant insurance policy at time of appointment and maintain the license during the entire length of appointment.

The City of Binghamton is an equal employment opportunity/affirmative action employer. All new hires are required to pass a pre-employment drug test as a condition of employment.

RESIDENCY REQUIREMENTS:

CANDIDATES MUST HAVE BEEN LEGAL RESIDENTS OF ONE OF THE FOLLOWING COUNTIES IN NEW YORK STATE; BROOME, TIOGA, TOMPKINS, CORTLAND, CHENANGO, OTSEGO, OR DELAWARE, OR SUSQUEHANNA, PENNSYLVANIA FOR AT LEAST ONE MONTH IMMEDIATELY PRECEDING THE EXAMINATION DATE.

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