

DEPARTMENT: NORTH TONAWANDA
CLASSIFICATION: COMPETITIVE
APPROVED: NOVEMBER 24, 2014

WATER AND WASTEWATER TREATMENT PLANT MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: The incumbent performs preventive maintenance and repair on water and/or wastewater machinery and equipment. The incumbent is also responsible for the upkeep of buildings and grounds at a water and/or wastewater treatment plant. The work is performed under the direct supervision of higher level maintenance personnel. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Performs a wide variety of preventive and corrective maintenance to pumps, valves, filters and piping, conveyors, compressors, incinerators, heating and ventilating equipment and other pneumatic, hydraulic and electrical equipment and controls;
2. Conducts the inspections, lubrications and performs preventive maintenance of plant equipment and controls;
3. Installs new equipment and replacement equipment;
4. Cuts, threads and installs pipe of various sizes;
5. Performs a variety of painting, carpentry and plumbing tasks;
6. Welds, cuts, brazes and fabricates pipe supports, bridgework and other types of structures and equipment;
7. Performs a variety of other building and grounds maintenance tasks;
8. Requisitions parts and maintenance supplies when needed;
9. Recommends improvements to plant equipment and maintenance procedures;
10. Prepares preventive maintenance and repair reports and schedules.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the operating, maintenance and repair of pumps, valves, piping, compressors and other pneumatic, hydraulic and electrical equipment and controls; working knowledge of the common practices, tools, terminology and safety precautions of one or more of the mechanical trades; skill in the performance of repair and maintenance activities; ability to work from plans, specifications and rough sketches; ability to understand and follow oral and written instructions; initiative and resourcefulness in solving mechanical problems; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma and four (4) years of experience in the maintenance and repair of water and/or wastewater treatment plant equipment or similar pneumatic, hydraulic or mechanical equipment and controls.