

PLANT MECHANIC

Code No.: 4-14-119

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a mechanical position responsible for a wide variety of skilled tasks in the installation, maintenance and repair of various types of mechanical equipment used in water treatment, pumping and storage facilities for the Monroe County Water Authority. Work requires inspection of various areas within the treatment plant and offsite locations including booster pumping stations, tanks and reservoirs. Employees are required to climb ladders or stairs and enter confined or restricted spaces including subgrade facilities and maneuver or work in tight quarters around machinery. The employee reports directly to and works under the general supervision of the Supervisor of Mechanical Maintenance with detailed review and instructions provided for new and complex assignments. General supervision may be exercised over plant maintenance employees for specific projects or tasks. Does related work in other maintenance groups as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Installs and conducts preventive maintenance and repairs on various mechanical equipment such as pumps, valves and air compressors at a variety of locations;

Installs, maintains and adjusts chemical feed equipment and in-plant process plumbing and piping;

Maintains plant heating, ventilating, cooling and dehumidification equipment;

Cleans clarifiers and drains;

Performs minor building repairs such as concrete patching;

Assists in start-up, operation and shut-down of pumping stations and treatment equipment;

Unloads chemicals from trucks and changes chlorine cylinder;

Assists in keeping equipment maintenance and repair logs and records;

Assists in requisitioning parts and supplies;

Participates occasionally in the planning of projects relating to the work group.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of installation, operation, maintenance and repair of waterpumps, valves, and related chemical feed equipment; good knowledge of plant heating, ventilating, cooling and dehumidification equipment; good knowledge of plumbing, pipe fitting, and welding; skill as a millwright in relocating, leveling and aligning equipment; ability to read and understand mechanical shop drawings and complex written instructions; ability to operate welding equipment; ability to establish good working relationships with others; ability to work without constant supervision; initiative; manual dexterity; mechanical

aptitude; integrity; good judgment; physical condition commensurate with the demands of the position including medical requirements for use of respirator and self-contained breathing apparatus.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma, plus five (5) years paid full-time or its part-time equivalent experience in mechanical maintenance and piping or the installation and maintenance of chemical process equipment.

SPECIAL REQUIREMENT:

Possession of a Valid Class D New York State Driver's License at time of appointment.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

REVISED: January 29, 1981

REVISED: April 15, 1993

REVISED: July 14, 1994