

MECHANICAL MAINTENANCE TECHNICIAN

Code No.: 4-14-123

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This position is responsible for the installation, maintenance and repair of a wide variety of mechanical equipment used in a water treatment plant and related facilities. 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 general supervision of the Supervisor of Mechanical Maintenance with detailed review and instructions provided for new and complex assignments, and may exercise supervision over other plant maintenance unit employees for special projects. Employees must be available for emergency duty twenty-four (24) hours a day. Does related work as required.

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

Installs, maintains and repairs pumps, valves, (altitude, isolating, pressure regulating), air compressors, etc;

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

Maintains plant heating, ventilating, cooling and dehumidification equipment;

Performs minor building repair;

Unloads chemicals from trucks and changes chlorine cylinder;

Assists in establishment of maintenance schedule plan and job priorities;

Requisitions parts and supplies;

Conducts daily facility preventative maintenance inspection;

Assists in planning and design of proposed new facilities and equipment.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS: Good knowledge of methods and procedures used to install, maintain and adjust chemical feed equipment; good knowledge of methods of procedures used to install, operate, maintain and repair mechanical components of the facilities such as pumps, valves, pressure regulators, check valves, slide gates, air compressors, plumbing, piping; good knowledge of methods and procedures used to assure safe working conditions within the assigned activities; good knowledge of mechanical equipment maintenance record keeping; mechanical aptitude; manual dexterity; ability to perform mechanical operations; ability to climb ladders, stairs and enter confined or restricted areas; ability to maneuver in tight quarters; ability to exercise judgment and initiative in meeting unusual situations and emergencies at work site without direct supervision; ability to keep accurate records; ability to become thoroughly familiar with pertinent mechanical equipment by personal study and in consultation with manufacturer's

representatives; ability to assist in planning and designing new facilities and equipment; good judgment; physical condition commensurate with the demands of the position including medical requirements for the use of respirator and self-contained breathing apparatus.

MINIMUM QUALIFICATIONS: EITHER:

- (A) 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, machine shop work or automotive repair; OR,
- (B) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in Mechanical Engineering plus three (3) years experience as defined in (A) above; OR,
- C) An equivalent combination of training and experience as defined by the limits of (A) and (B).

SPECIAL REQUIREMENT: If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the job.

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.

ADOPTED: March 19, 1981

REVISED: September 9, 1993