

PLANT MAINTENANCE MECHANIC

DISTINGUISHING FEATURES OF THE CLASS:

The work involves responsibility for performing a variety of skilled mechanical and electrical monitoring, maintenance, and repair related tasks which may be performed indoors and outdoors under adverse working conditions. A working knowledge of one or more trades is necessary, as a Plant Maintenance Mechanic works along various mechanical fields as the occasion demands. An employee in this class may devote more time to a specialized field due to experience and training. The work is performed under the general direction of the Director of Municipal Utilities with leeway allowed for the use of independent judgement in carrying out details of the work. General instructions are received and work is performed under immediate or general supervision, depending upon the nature of the tasks. Direct supervision may be exercised over Senior Maintenance Mechanics. Does related work as required.

TYPICAL WORK ACTIVITIES:

Monitors the operation of all plant systems and equipment.

Responds to all system failures by taking appropriate corrective action and completing or assigning the repairs needed to ensure that systems are operational and are functioning safely and efficiently.

Leads all operations of the Plant including directing required maintenance and reporting to the Director of Municipal Utilities or his/her designee

Performs repairs in accordance with manufacturers' recommendations and PESH.
(Public Employee Safety & Health) requirements.

Performs preventive maintenance inspections (PM), diagnose, repair, and rebuild major equipment/components.

Maintains Daily Equipment Inspections (DEI) logs and creates daily, weekly & monthly reports.

Analyzes trends to make informed decisions.

Interprets, prioritizes and assigns preventive maintenance & work requests.

Inspects the quality of third party repairs and or rebuilds.

PLANT MAINTENANCE MECHANIC – contd.

2

Recommends measures to improve production, equipment performance and product quality.

Responsible for inventory control, ordering of replacement parts, tools, and supplies through purchasing. Conducts physical parts inventories.

Leads non-supervisory employees and other staff that may include contractors, consultants, and/or temporary employees.

Performs service calls for emergency breakdowns.

Maintains a clean, safe work area in compliance with City/PESH Standards, and performs all work in accordance with established safety procedures.

Assists in the operation and maintenance of other department equipment as assigned.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Proficient in welding and fabrication.

Have knowledge of single and three phase electrical systems.

Have knowledge of electrical control systems.

Have knowledge of hydraulic systems.

Have knowledge of pneumatic systems, including air compressors.

Safely operates tools and equipment needed during the repair and servicing of equipment.

Diagnose defects and repair a variety of equipment and vehicles.

Technicians are required to provide their own basic tools to perform routine maintenance and repairs of equipment.

Ability to multi-task and manage multiple priorities.

PLANT MAINTENANCE MECHANIC – contd.

3

Ability to perform under limited supervision.

Requires a flexible work schedule which may include nights and weekends to support operating schedule and the needs of the facility.

Ability to perform physical requirements of the position with or without reasonable accommodations.

Proficient in Microsoft Office programs such as Excel or Word

Ability to understand and follow written and verbal instructions;

Mechanical aptitude;

Willingness to work under adverse weather conditions;

Manual dexterity;

Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Either:

(A) Graduation from a regionally accredited or New York State registered two-year college with an Associate's Degree in engineering or electrical technology and three (3) years of experience in the operation, repair, testing and preventative maintenance of high pressure steam heat or power generating plant machinery and equipment, two years of which shall have been in a supervisory capacity; OR

(B) Graduation from high school or possession of a high school equivalency diploma and five (5) years of experience in the operation, repair, testing, and preventative

maintenance of high pressure steam heat or power generating plant machinery and equipment, two years of which shall have been in a supervisory capacity.

(C) An equivalent combination of training and experience as defined by the limits of (A) and (B) above.