

MAINTENANCE MECHANIC (UTILITY)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent of this class performs a variety of skilled maintenance and repair work involving two or more building trades such as masonry, carpentry, plumbing, electrical or painting, in all municipal buildings and facilities, including the municipal water and/or sewer treatment plant. Workers may assist a higher-level tradesperson, or work alone in the performance of the job. Typical work situations involve using initiative and decision-making skills in performing assignments that are given verbally, in writing or those that are self-selected. Duties usually involve a level of independence in choice of method and priority. The Maintenance Mechanic (Utility) title differs from the Maintenance Mechanic (Repair) title in that the Maintenance Mechanic (Utility) additionally performs specialized work associated with the maintenance and repair of mechanical equipment used in a water and/or sewer treatment plant. Supervision may be exercised over subordinate maintenance personnel. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs maintenance and repair of treatment plant equipment and systems including pumps, pipelines, water meters, hydrants, fans, electric motors, blowers, valves, speed reducers, hoists, pneumatic systems, electrical and electronic systems;

Uses mechanical screening equipment to identify and service water and/or waste leaks;

Maintains, overhauls and repairs heating and cooling units and their auxiliary equipment including motors, water and oil pumps, air compressors, pressure reducing valves, feed water regulators, pipes, etc., to ensure that the equipment functions correctly;

Performs a variety of plumbing duties including the installation, maintenance, repair and removal of lavatories, flushometers, toilets, water and soap faucets, heating pipes and sewer pipes, water lines, valves and packing, joints; tests for gas leaks, etc.;

Performs a variety of carpentry duties such as replacing roofs and floors, framing walls, repairing sheetrock, hanging doors, framing out doors or windows, and constructing miscellaneous items with wood or similar materials, measures and cuts as needed, etc.;

Performs maintenance and repair tasks on roadways, paths, parking lots, and walkways, such as patching pavement, edging paths, raking asphalt, installing guide rails, and cleaning and repairing catch-basins, drainage ditches, and culverts by draining, flushing, suction, digging, patching, etc.;

Performs a variety of grounds keeping maintenance and landscaping functions including felling trees, working from a bucket to cut branches and prune trees, grading and re-grading of slopes, and installing turf;

Applies various type of paints to walls and ceilings of buildings by brush, roller or with spray equipment;

Performs routine and emergency repairs and maintenance, both scheduled and in response to emergency situations, as required;

EXAMPLES OF WORK: (Illustrative Only) (Cont'd.)

Removes snow and salts and sands sidewalks, stairs, roads, etc., and performs other custodial tasks during the winter months;

Participates in obtaining supplies, equipment and replacement parts;

Reports defective and damaged equipment and supplies to supervisor for corrective action;

Keeps records including, but not limited to work orders, scheduled work, meter readings and priority projects;

Maintains work area in a clean, orderly and safe condition;

Maintains tools involved in work.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the operation, maintenance and repair of mechanical equipment related to water distribution and/or sewer systems including pumps, valves, pipes, and hydrants; good knowledge of the tools, techniques and terminology used in maintenance and repair of buildings; good knowledge of appropriate accident and safety precautions; good knowledge of the principles, practices and techniques of appropriate mechanical and plumbing trades; skill in the use of a variety of hand and power tools and equipment; skill in performing preventative maintenance and repairs in assigned area; ability to read, understand and record data from gauges, scales and meters; ability to learn new work quickly; ability to work effectively individually, or as part of a team; ability to oversee the work of others; ability to follow written instructions or oral assignments; ability to use computer applications or other automated systems, as required; ability to read, write, understand and communicate in English sufficiently to perform the essential functions of the position; initiative; resourcefulness in undertaking and completing assigned work; industriousness; mechanical aptitude; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Graduation from high school or possession of a high school equivalency diploma and three (3) years of maintenance and repair experience involving two or more building trades such as carpentry, painting, plumbing, masonry or electrical work, including or supplemented by one (1) year of experience in the maintenance and repair of equipment used in a water and/or sewer system.

SUBSTITUTION: Satisfactory completion of a vocational program* or trade school course* in any of the building trades mentioned above may substitute for two (2) years of the required work experience. There is no substitution for the specialized experience in the maintenance and repair of water and/or sewer system equipment.

NOTE: Unless otherwise noted, only experience gained after attaining the minimum education level indicated in the minimum qualifications will be considered in evaluating experience.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Department of Education as a post-secondary, degree granting institution.

SPECIAL REQUIREMENT: Depending on work assignment, if operating a motor vehicle, must possess a valid license issued by the New York State Department of Motor Vehicles, appropriate for the type of vehicle to be operated. The appointing authority is responsible for verifying and ensuring that the candidate meets these conditions.

Towns, Villages,
Cities of Rye and Peekskill
J.C.: Non-Competitive
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Job Class Code: 0419