

SENIOR MAINTENANCE MECHANIC I (LEAK SURVEILLANCE)

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision, an incumbent performs a wide variety of journeyman level work related to the maintenance and repair of water distribution systems and sewage collection systems. An incumbent tests and pinpoints leaks in buried water lines (or sewer lines) by the use of electronic equipment. Minor patchwork repair may be performed on cracked lines. The incumbent is fully proficient in the skills and practices of the trade, with full knowledge of the principles, tools and techniques. Work at this level is performed with considerable independence and may be initiated by oral or written instructions. The incumbent may work as part of a crew or as lead worker on a specific project. Supervisor may check overall work to see that it meets trade standards. Supervision is exercised over a small number of subordinate leak surveillance personnel. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Tests and pinpoints leaks in buried water lines by the use of electronic leak surveillance equipment;

Completes flow tests to determine fire hydrant water pressure to ensure that adequate pressure is maintained in each hydrant;

Reads standard blueprints to determine location of pipe lines;

Performs minor repair work on hydrants and pipe lines;

Performs backflow tests, repairing and replacing check valves in accordance with state standards to insure that dirty water does not mix with fresh water;

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

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

Confers with local officials on distribution systems;

May perform other incidental tasks, as needed;

Uses computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of County owned distribution systems; good knowledge of accident and safety precautions of the trade; ability to perform basic arithmetic; ability to perform simple drafting; excellent hearing; ability to distinguish sounds with exactness; ability to operate moderately complex soundex equipment; ability to read blueprints, maps, diagrams; ability to follow oral and written instructions; ability to work effectively with others; ability to work independently without direct supervision; tact; courtesy; reliability; dependability; ability to use computer applications such as spreadsheets, word processing, e-mail and database software; ability to read, write, speak, understand, and communicate in English sufficiently

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES (Cont'd.):

to perform the essential duties of the position; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) high school or equivalency diploma and five years experience in mechanical repair and installation, two years of which must have been in leak surveillance; or (b) eight years of experience as described in (a) including the two years of specialized experience; or (c) a satisfactory equivalent combination of training and experience as defined by the limits of (a) and (b).

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 REQUIREMENT: Possession of a valid New York State Driver's License.

SPECIAL REQUIREMENT: Depending on work assignment, must meet standards of OSHA regulation 1910.134 Respiratory Protection, and will be required to meet Federal, State and local standards with respect to health and safety.