

WATER SERVICE TECHNICIAN II

NATURE OF WORK

This is intermediate-level semi-skilled mechanical work in the installation of water services, repair of water services, installation of water meters, repair of water meters, and installation and repair of cross connection control devices.

Work involves the performance of intermediate-level installation and repair work relating to the maintenance of cross connection control devices, customer water services and water meters. Employees of this class will train under the close supervision of a Water Meter Shop Supervisor or Water Service Supervisor until the difficult phases of work are mastered; Thereafter, this work will be performed with independence and regular assignments and review from their supervisor.

EXAMPLES OF WORK PERFORMED

Removes and resets water meters, installs new water meters, installs and tests water meter registers and electronic reading devices, dismantles and repairs water meters, performs flow testing of water meters, installs and removes valve and fittings associated with water meters, repairs and replaces malfunctioning meter parts and registers, programs electronic hardware to facilitate meter reading.

Tests and repairs cross connection control devices, performs premise surveys of customer buildings and grounds, identifies problems with backflow preventers, determines flow of structures with multiple water use process, repairs and replaces essential parts of backflow preventers.

Completes fabrication, installation, removal, testing and repair of various Fire Hydrant metering assemblies.

Performs related inspections for water meter pit installations, water service line installations, water taps, water supply line installations, water meter installations, and construction meter installations where cross connections can exist.

Operates manual and electric tapping machines for the mechanical tapping of public water mains.

Locates and marks underground water utility appurtenances; provides contractors with accurate location of public water mains and customer water services; utilizes electronic locating equipment designed for locating underground water pipes; records and documents construction locates.

Interacts with customers regarding water meters, water services, complaints, inspections, and locates; delivers quality customer service as part of the troubleshooting and investigations of the daily task assignments relating to the water distribution system.

Sets up and takes down data-logging equipment; performs recordkeeping using electronic data equipment; completes written documentation for daily work orders.

DESIRABLE KNOWLEDGE, ABILITIES, AND SKILLS

Knowledge of water piping materials, water ordinances or codes, departmental policies affecting the public.

Knowledge of water schematic plumbing plans and water system operations.

Knowledge of the principals of backflow prevention including the repair of backflow preventers and pressure-reducing valves.

Knowledge of cross connection control devices and the policies and regulations related to the cross connection control programs of the LWS.

Knowledge of a municipal water main network.

Ability to keep routine clerical records and make complex mathematical calculations.

Ability to drive and operate light trucks or service vans.

Ability to read and interpret blueprints or plans.

Ability to establish and maintain effective relationships with the public and other employees.

Skill using a keyboard for field data entry using computers or field equipment.

Skill in the use of common hand tools in making minor plumbing and mechanical repair or installation of meters and registers.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from a senior high school with advance coursework in plumbing and/or associated trades, plus considerable experience in making minor plumbing repairs and installations.

MINIMUM QUALIFICATIONS

Graduation from a senior high school with three (3) years experience as a Water Service Technician I or any equivalent combination of training and experience that provides the desirable knowledge, abilities, and skills.

NECESSARY SPECIAL REQUIREMENTS

Possession of a valid driver's license when operating a vehicle is necessary for the satisfactory performance of assigned duties.

Possession of a valid State of Nebraska Grade 4 or higher Water Operators Certificate.