

TITLE: CROSS-CONNECTION TECHNICIAN 2

CODE: 24525

GENERAL DESCRIPTION:

This is highly responsible water distribution system technical work involving the inspection and correction of complex cross-connection backflow problems and the maintenance of enforcement records.

Work involves responsibility for assurance of backflow prevention mechanisms in plumbing cross-connections. Duties include inspecting complex backflow problems, determining corrective action and enforcing corrections. This position also has the responsibility for making very difficult cross-connection technical decisions. This work requires that the employee have considerable knowledge, skill and ability in backflow prevention technology.

SUPERVISION RECEIVED:

Works under the general supervision of the Special Services Administrator.

EXAMPLES OF DUTIES:

Inspects complex cross-connections in commercial and industrial facilities for backflow conditions. Tests backflow prevention devices.

Determines backflow prevention measures for difficult problems and assures the implementation of those measure by the owner.

Investigates complex water contamination problems, determines corrective actions to be taken and assures their implementation.

Compiles and analyzes cross-connection and backflow data and prepares a variety or reports. Maintains records of inspections, corrections, enforcement, and related activities. Demonstrates complex investigation techniques.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Considerable knowledge of backflow prevention technology principles and practices.

Considerable knowledge of plumbing system design and operations, especially in commercial and industrial setting.

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Good knowledge of public administration practices as applied to an inspection and enforcement programs.

Considerable ability in oral and written communications.

Considerable ability to analyze complex plumbing systems and to identify and resolve backflow problems with firmness and tact.

Considerable ability to maintain cross-connection program records and to carry out program administration procedures.

Considerable ability to establish and maintain effective working relationships with co-workers, customers, contractors, and other governmental agencies.

QUALIFICATIONS:

An associate's degree from a recognized college in engineering technology plus six years of utility engineering technology or plumbing experience, or an equivalent combination of education and qualifying experience substituting on a year-for-year basis.

SPECIAL REQUIREMENTS:

Must be certified as a Connecticut Backflow Prevention Tester and a Cross-Connection Survey Inspector.

Must have a valid driver's license.