

9735

PLUMBER

Nature of Work

Under general supervision, performs at the experienced journey level as a lead worker, installing, altering, maintaining and repairing plumbing systems, fittings and accessories, both interior and exterior at state correctional, recreational, educational and health facilities and other public buildings. Performs related duties as required.

Examples of Work

Assigns and oversees work of plumbers, insulators and laborers assisting on the project.

Prepares cost estimates and orders parts, supplies and equipment.

Installs, modifies and repairs steam distribution systems, hot water heating systems, hot and cold water systems, fixtures such as sinks, kitchens, showers, commodes, drinking fountains, hot water tanks, cold water service lines, reducing station meters, pipe hydrants, back flow preventers, storage tanks, mechanical seal pipe, bell and socket joints and copper and plastic service lines.

Installs, modifies and repairs storm and sanitary drains, interior and exterior, using pipe made of cast iron, galvanized steel, copper, P.V.C. plastic, terra-cotta, vulcathene, pyrex, duriron or lead.

Installs, modifies and maintains water chlorinators, sand filters and water softeners; tests chlorine and PH content of water.

Solders pipe using an acetylene torch and caulks joints.

Digs ditches to gain access to water, sewer and gas lines.

Operates pipe cutters, pipe threaders, hack saw, drill presses and sewer cleaning equipment.

Unclogs drains and sewers.

Knowledge, Skills and Abilities

Knowledge of standard practices, materials, machines and tools of the plumbing trade.

Skill in the use and operation of the tools, machines, materials, and equipment used in the plumbing trade.

Ability to work from sketches, drawings, blueprints and specifications, to lay out and install additions to water, steam sewer or gas system.

Ability to maintain water, steam, sewer and gas systems.

Ability to use tools such as pipe threaders and cutters, sewer cleaners, drills, saws and hand tools safely.

Ability to perform the arithmetic necessary to fit pipe correctly.

Ability to estimate materials and parts needed for projects and the costs.

Ability to supervise and evaluate subordinate workers.

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PLUMBER (CONT'D)

Minimum Qualifications

TRAINING No formal training required.

EXPERIENCE Four years of full-time or equivalent part-time paid experience as a plumber or self-employment in the plumbing trade.

SUBSTITUTION Licensure as a master plumber or completion of related training from a business or vocational school may substitute for the required experience through an established formula on a year-for-year basis.

Established: 10/16/90
Revised: 12/1/91
Effective: 12/1/91