

The Maryland-National Capital Park and Planning Commission

TITLE: Plumber I

GRADE: T04

DATE: 3/8/2023

SERIES: Building Trades

CODE: 2453 EEO: Skilled Craft

FLSA: Non-Exempt

Class Definition:

Under general supervision, performs skilled plumbing and gas fitting work involving moderate responsibility, complexity and variety. Performs simple projects or assists on major projects to install, maintain and repair new and existing plumbing related systems in Commission buildings, structures, and property. May guide activities of Trades Apprentices and Park/General Maintenance Workers who support skilled trades workers. Work is checked by Inspectors, Trade Shop Supervisors and higher-level Plumbers. Applies knowledge of standard plumbing practices and methods, Washington Suburban Sanitary Commission (WSSC) plumbing/gas fitting, fire and building codes. Follows procedures and applies standard solutions to a range of common or recurring problems. Interacts with people inside and outside the work unit to exchange routine and non-routine information. Performs other duties, as assigned.

Work is assigned in terms of continuing responsibilities. Specific instructions are given for new assignments. The incumbent carries out regular, recurring work independently in conformance with established policies and procedures, resolves routine work problems by selecting and applying the appropriate guideline(s), keeps the supervisor informed, and brings procedural exceptions to the supervisor or a higher-grade employee for guidance or resolution. The work is subject to review, and upon completion for conformance with instructions and other guidelines, quality, quantity, timeliness, teamwork, customer service and other factors.

Examples of Important Duties:

1. Receives work orders for plumbing repairs and installations; reads and interprets building plans, blueprints and sketches to complete routine plumbing work.
2. Uses a variety of manual and power tools to perform simple plumbing projects or may assist on major projects to include installation, maintenance and repair of all Commission property and items requiring plumbing work; performs gas connections under direct supervision.
3. Maintains plumbing systems including sewers, drains, vents, fixtures, and appurtenances in proper sanitary condition; operates equipment to clear blockages in sewer or drainage systems.
4. Maintains potable water supply systems including piping, fixtures, filters, and appurtenances; repairs leaks in piping systems. Winterizes water systems to prevent freezing including piping, fixtures and appurtenances.
5. Completes required administrative paperwork and recordkeeping.
6. Drives motor vehicles to carry workers and haul tools, equipment, materials and supplies to job sites; loads and unloads tools, equipment, supplies and materials. Sets up equipment and tools for safe operation at job sites; provides routine maintenance of vehicles and equipment. Takes assigned vehicles to garage for maintenance and repairs.

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7. May guide and check work of Trades Apprentices and Park/General Maintenance Workers who support skilled trades workers; provides instruction on proper procedures and safety.
8. Utilizes personal protection equipment such as respirator, foot and eye protection while performing duties; performs critical Americans with Disabilities Act (ADA) compliance work to remove barriers. Sets up equipment and tools safely at job sites and provides instruction on proper use and safety measures.
9. Attends training to increase knowledge, awareness and safety.
10. Complies with Commission's practices regarding recycling and disposal.

Important Worker Characteristics:

- A. Knowledge of: (1) standard plumbing practices and methods; (2) Washington Suburban Sanitary Commission (WSSC) plumbing/gas fitting codes; (3) Maryland Occupational Safety and Health (MOSH) and Occupational Safety and Health Administration (OSHA), fire and building codes; (4) Commission policies and procedures*; (5) hazardous materials; and (6) confined space procedures.

**Typically acquired or fully developed primarily after employment in this job class.*

- B. Skill in operation of: (1) plumbing hand and power tools; (2) light construction equipment (e.g., forklift); and (3) motor vehicles.
- C. Ability to: (1) calculate fractions, decimals, and percentages; (2) complete work orders and other work-related paperwork; and (3) obtain cardiopulmonary resuscitation (CPR) and first aid certifications.
- D. Skill in problem solving to select, organize and logically process relevant information (verbal, numerical or abstract) to solve a problem. Examples include understanding and applying principles to solve practical problems.
- E. Skill in communication to understand verbal and written information (including facts, descriptions and ideas) and to express such information so that others will understand. Examples include reading and interpreting building plans, blueprints, schematic drawings, and sketches to perform routine plumbing work.
- F. Interpersonal skills to interact effectively with business contacts in a businesslike, customer service-oriented manner; this includes skill in establishing and maintaining effective working relationships and working as a member of a team.

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Minimum Qualifications (MQs):

1. High School diploma or Certificate of General Educational Development (GED).
2. Completion of an approved plumbing apprentice program or four (4) years of progressively responsible plumbing experience.
3. An equivalent combination of education and experience may be substituted, which together total four (4) years.
4. Valid Journey Plumber's License and Gas Fitter Certification issued by appropriate local jurisdiction.
5. Valid driver's license in accordance with both State and Commission rules and regulations. Driver's license must be unencumbered by restrictions, revocations, suspensions, or points that could limit the employee's ability to drive Commission vehicles or perform driving duties required by the position of assignment.
6. Depending on area of assignment, a valid Commercial Driver's License (CDL) with appropriate endorsements may be required.
7. Pass Commission medical examination.

Working Conditions:

Occasionally performs work indoors and outdoors; exposure to varied weather conditions, confined spaces, heights, raw sewage, sewage odors, chemical odors, and hazardous materials. Must be available to work during emergencies. Positions in this class occasionally remains in a stationary position, move about inside the office and outside, operate vehicles, tools and equipment, ascend and descend ladders and stairs, position self to complete manual work, pull and use fingers to perform plumbing work, be able to view directions and numbers on equipment, move equipment, tools and objects weighing up to 75 pounds.

Examples of Plumbing Work:

- Performs clearing of drain blockages and seasonal winterization of plumber systems.
- Installs potable water piping, valves, fittings and performs repairs on such systems per codes.
- Installs and maintains sanitary piping per codes and installs plumbing fixtures and hardware such as valves, traps and supplies.
- Demos existing plumbing fixtures.
- Runs new water lines for sinks and toilets; installs new sinks, toilets or other plumbing fixtures.