

The Maryland-National Capital Park and Planning Commission

TITLE: Senior Plumber
SERIES: Building Trades

GRADE: T04 CODE: 5162
DATE: 3/28/02
FLSA: Non-Exempt

Class Definition

Under general supervision, performs the full range of difficult skilled plumbing and gas fitting work involving considerable responsibility, complexity, and variety. Performs installation, maintenance, modification, and repair of plumbing/gas fitting systems at Commission buildings, structures, and property. May direct activities of other Plumbers, Trades Trainees, and Park/General Maintenance Workers who support skilled trades workers. Work is checked by Inspectors, Trade Shop Supervisors, and Lead Plumbers. Performs other related duties as assigned.

Examples of Important Duties:

1. Plans work. Receives work orders for plumbing/gas fitting projects. Reads and interprets building plans, blueprints, sketches and mechanical drawings to determine equipment, materials and methods. Inspects and troubleshoots plumbing systems for problems, damages or necessary repairs. Recommends corrective action and prepares repair estimates. Contacts inspectors to schedule inspections of projects.
2. Performs difficult plumbing work. Uses a variety of tools and equipment to install, maintain, repair, replace or modify plumbing systems and natural gas and propane piping systems in compliance with Washington Suburban Sanitary Commission (WSSC) codes and national fuel codes. Measures, cuts, threads, assembles and solders pipes, fixtures, parts and equipment. Operates water pumps to remove water from flooded buildings and other areas. Operates back hoe or trencher to install underground piping, water and sewer lines.
3. Installs, repairs and maintains circulatory pumps involving potable water, domestic hot water, pool heaters, hot water exchange coils, and irrigation systems. Adjusts valves, gauges, controls to maintain flow and pressure to service and maintain Commission facilities involving potable water, fire sprinklers and irrigation sprinklers. Installs, tests and certifies back flow prevention devices. Repairs or replaces as required to protect potable water supply.
4. Locates and taps main headers, routes and cuts openings, places hangers for level and slope, and determines type and location of and install valves, traps, and unions needed for proper operation and maintenance of systems.
5. Completes required administrative paperwork and recordkeeping.
6. Assigns and maintains inventory of power equipment, tools, safety equipment, and vehicles assigned to crew.
7. Drives motor vehicles to carry workers and haul tools, equipment, materials, and supplies. Loads and unloads tools, equipment, supplies, and materials. Sets up tools and equipment at work sites. Provides routine maintenance of vehicles and equipment. Takes vehicle to garage for maintenance and repairs.

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Examples of Important Duties: (Cont'd)

8. Assigns and checks work of other Plumbers, Trades Trainees, and Park/General Maintenance Workers who support skilled trades workers. Provides instructions and assists with training on proper procedures, methods and safety.

Important Worker Characteristics:

Considerable knowledge of: (1) standard plumbing practices and methods; (2) Washington Suburban Sanitary Commission (WSSC) plumbing/gas fitting codes and National Fuel codes; (3) OSHA, MOSH, building, and fire codes; (4) piping systems involving water, sewer, natural gas, propane gas, air and venting requirements; (5) Commission policies and procedures;* and (6) hazardous materials.

Skill in operation of: (1) plumbing hand and power tools; (2) light construction equipment (e.g., skid loader, forklift); (3) motor vehicles; and (4) appropriate office equipment.

Ability to: (1) understand and apply principles to solve practical problems; (2) calculate fractions, decimals, and percentages; (3) read and understand manuals, blueprints, sketches, and drawings; (4) complete work orders and other work related paperwork; (5) distinguish different colors; (6) lift up to 100 pounds; (7) acquire CPR and first aid certification; and (8) work at heights.

* Developed primarily after employment.

Minimum Qualifications:

1. H.S. Diploma or GED; and
2. Completion of an approved plumbing/gas fitting apprentice program or four years of progressively responsible experience; and
3. Two years of experience at the journey level; or
4. An equivalent combination of education and experience totaling six years.
5. Valid Journey Plumber's License and Gas Fitter Certification issued by appropriate local jurisdiction.
6. WSSC back flow/cross connection license within six months of employment.
7. Valid Commercial Driver's License (CDL) with appropriate endorsements may be required.
8. Valid driver's license.
9. Pass Commission medical examination.

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Working Conditions

Indoor/outdoor, exposure to varied weather conditions, confined spaces, heights, raw sewage, sewage odors, chemical odors, and hazardous materials. Must be available to work during emergencies.