

PLUMBER

Job Summary:

Under general supervision, performs all types of journey level plumbing work in the repair, remodeling, installation and construction of plumbing systems and fixtures in City facilities, structures, buildings and other City properties.

Essential Duties and Responsibilities:

(The functions are representative and may not be present in all positions in the class. Management reserves the right to add, modify, change or rescind related duties and work assignments.)

1. Installs, replaces and/or repairs copper, galvanized iron, black pipe, cast iron, PVC, abs piping, valves, water heaters, sprinkler systems, backflow devices, pumps, faucets, fountains, toilets, urinals, lavatories, and other plumbing appurtenances.
2. Installs, replaces and connects water, sewer or gas piping systems.
3. Repairs, replaces, and/or maintains boiler systems, gas furnaces, heaters, gas valves, sump pumps and re-circulating pumps, and may repair sewer ejector pump; maintains plumbed water systems.
4. Clears and services grease traps and drains using various plumbing/sewer equipment.
5. Troubleshoots plumbing in need of repair work to determine cause; diagnoses repair work and estimates material, equipment, costs and timeline for completion of work.
6. Works independently and may supervise the work of assigned staff or building maintenance workers; may train assigned workers.
7. Monitors the work of contractors and reports for compliance with contract.
8. Writes reports and maintains records of assignments and work completed.
9. Drives City vehicle to different City facilities to perform maintenance work or conduct inspections.
10. May serve on maintenance response team in case of emergency or disaster.
11. Establishes and maintains cooperative working relationship with other City maintenance staff and contractors.
12. Orders and picks up supplies and materials; checks supply catalogs for supplies.
13. May be required to perform other maintenance duties as assigned.
14. Performs related duties as required.

Qualification Guidelines:

A typical way to obtain the requisite qualifications to perform the duties of this is as follows:

Education and Experience:

Equivalent to completion of high school and four years of professional journey level experience in maintenance, repair and installation of plumbing systems, or successful completion of a State of California accredited plumber apprenticeship program and two years of experience as a journey level plumber. Original copy of apprenticeship certificate must be presented at the time of application.

License or Certificate:

Possession of a valid California Class C Driver's License.

Knowledge of:

Principles and practices of plumbing.
Applicable laws, codes, policies and procedures.
Materials, equipment, and tools used in plumbing work.
Safety rules and regulations.
Basic and complex plumbing repair work.
Terminology used in the plumbing trade.
Office practices and procedures, and general recordkeeping to maintain plumbing records.

Skill and Ability to:

Use materials, tools and equipment common to the plumbing trade.
Troubleshoot plumbing problems.
Work on tall ladders in confined spaces and underneath buildings.
Operate heavy sewer machine equipment.
Prepare basic layouts and estimates for plumbing projects.
Perform basic mathematical calculations, and write simple reports.
Read, understand, and apply existing codes, rules, regulations, policies and procedures.
Read, understand and work from blueprints and layouts and maintain simple records.
Establish and maintain cooperative relationship with others.
Provide assistance to other City departments, community organizations and the public.
Communicate clearly and work effectively with supervisor and other employees.
Meet schedules and deadlines.
Operate and use all tools and equipment safely and efficiently.
Legally operate a motor vehicle in the State of California.

Physical Requirements and Working Conditions:

Employee accommodations for physical or mental disabilities will be considered on a case-by-case basis. Positions in this class normally:

Perform lifting, pushing and/or pulling which may or may not exceed 50 pounds.
Require the mobility to stand for long periods of time, stoop, reach, and bend.
Require the mobility of arms to reach and dexterity of hands to grasp and manipulate objects; use, operate and carry tools and equipment; and climb ladders.
Is subject to inside and outside environmental conditions.
Are subject to fumes, harsh chemicals and waste products.
May be required to work in confined spaces.
Require vision (which may be corrected) to read small print.
May be required to work overtime and is subject to on-call basis.
May be required to operate personal computer and other basic office equipment.
May be required to wear safety equipment such as safety hat, goggles, mask, gloves, oxygen breathing apparatus, hard shoes, and earplugs.
May be required to work under harsh weather conditions and around loud noise, odors/fumes, waste products, acids, and hazardous materials.