

PLUMBER, 3443  
SENIOR PLUMBER, 3444  
PLUMBER SUPERVISOR, 3446

Summary of Duties : Performs skilled work in the layout, installation, repair and maintenance of sanitary and industrial plumbing systems, process piping and fuel dispensing systems, including air, gas, water, industrial waste, gasoline and oil pipelines, or supervises and participates in such work; plans, assigns and reviews the work of Senior Plumbers, Plumbers and helpers and determines procedures and methods to use in installing plumbing systems; and does related work.

Distinguishing Features : A Plumber is a journey-level worker who performs skilled plumbing work. A Senior Plumber works with and supervises Plumbers and helpers. Both receive instructions in the form of written and oral orders and occasionally work from plans and specifications. Their work is subject to inspection by supervisors for quantity and quality and by inspectors for conformance to legal requirements.

A Plumber Supervisor is a full-time supervisor who is responsible for planning work, enforcing safety rules and procedures, and preparing reports on work completed. Review of this employee's work is through conferences with supervisors and through submitted work reports. Assignments are received in general terms and a Plumber Supervisor is held responsible for the quantity and quality of the work on assigned projects.

Employees of these classes must work under buildings, in other close cramped locations and are frequently subjected to offensive odors. They differ from Pipefitters in that their work is primarily on plumbing systems, while Pipefitters work on pipes and equipment which must withstand high pressures and temperatures.

Examples of Duties : Plumber : Measures, cuts, bends, threads, and reams pipe using hand and power tools and equipment; installs and repairs plastic, copper, galvanized iron, cast iron, and vitrified clay pipe for water and drainage systems, air and gas lines, sewers, vents, and sprinkling systems in accordance with blueprints, sketches, and oral or written instructions; caulks and tests piping; installs, repairs, and replaces plumbing appliances and fixtures such as sinks, basins, toilets, urinals, ice makers, water heaters, water cooling systems, drinking fountains, water filters and softeners, storage tanks, small pumps and kitchen plumbing equipment; installs grease traps and floor drains; repairs and replaces valves, regulators and fittings; opens clogged lines; cleans traps, pumps out cesspools and septic tanks; adjusts thermostats and pressure regulators; cleans and regulates gas burners; prepares requisitions for materials and supplies; inspects plumbing to determine needed repairs and

replacements; installs and maintains space heaters; may perform minor sheet metal work in conjunction with plumbing installations; may supervise the work of helpers; may check fire equipment and recharge fire extinguishers; may test and repair backflow devices; may secure plumbing permits and call for inspections; and may work on air, gas, water, industrial waste, gasoline, refrigeration, and butane piping and heating systems.

Senior Plumber : In addition to the above, supervises and inspects the work of a crew of Plumbers and helpers; lays out and inspects plumbing work; keeps records and prepares reports on work performed and materials used; and keeps routine time records.

Plumber Supervisor : Plans, assigns, and reviews the work of Senior Plumbers, Plumbers, and helpers and determines proper procedures and methods to use in installing plumbing systems; insures that plumbing tools and equipment are properly maintained; insures that safe methods are used to minimize injuries to employees and the public; investigates complaints and insures that the necessary work is done properly; makes cost estimates of proposed plumbing work; orders needed materials and supplies; interprets plans and makes working sketches for subordinates; confers with engineers and maintenance superintendents and supervisors on plans and specifications for plumbing work, materials, supplies, and equipment; and prepares time and work reports.

Employees in all classes occasionally may be assigned to other duties for training purposes or to meet technological changes or emergencies.

Qualifications :

<u>Knowledges</u> :	<u>Plumber</u>	Senior <u>Plumber</u>	Plumber <u>Supervisor</u>
Laws and ordinances regulating plumbing;	Working	Working	Good
Methods of laying out and installing repairing and maintaining gas, oil, water, sewer, and other piping systems;	Working	Working	Good
Approved practices and procedures for workers' safety, including pertinent State and City laws and regulations;	Working	Working	Good
<u>Knowledges (Cont)</u> :	<u>Plumber</u>	Senior <u>Plumber</u>	Plumber <u>Supervisor</u>
Hydraulics as related to flow			

rates, pipe sizes, and pressures commonly encountered in plumbing installations;	General	Working	Good
Safety regulations and precautions;		General	Good
Heating and ventilating provisions of the Los Angeles Municipal Code;	General	General	Working
Supervisory principles and practices;		General	Working
City personnel rules, policies and procedures including those involving affirmative action, and equal employment opportunity;		General	Good
Memoranda of Understanding as they relate to subordinate personnel;		General	Good
<u>Abilities :</u>			
Install and make adjustments and repairs to water heaters, water systems, water coolers, pumps, valves, backflow devices, and similar plumbing units;	X	X	X
Read and interpret blueprints and diagrams of plumbing systems;	X	X	X
Keep routine time and work records and prepare reports;	X	X	X
Order and issue materials;	X	X	X
Supervise, instruct, and work with a group of subordinates and other employees;		X	X
Deal tactfully and effectively with subordinates and other employees;		X	X
Make estimates of the time, cost, and materials necessary for plumbing installations and repairs;	X	X	X
<u>Abilities (Cont) :</u>	<u>Plumber</u>	Senior <u>Plumber</u>	Plumber <u>Supervisor</u>

Plan, layout, and assign plumbing operations.

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Completion of a recognized five-year apprenticeship, attainment of journey-level rank as a plumber, or six years of experience as a helper to a journey-level plumber is required for Plumber. 1  
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Two years of experience as a journey-level plumber is required for Senior Plumber.

Four years of experience as a journey-level plumber is required for Plumber Supervisor. r

License and Certificate: All Classes: A valid Certificate of Qualification as a journey-level plumber issued by the Los Angeles City Department of Building and Safety and a valid California driver's license are required prior to appointment. A certificate for Backflow Prevention Device Tester issued by the Los Angeles County Health Department may be required prior to appointment. A certificate to recharge fire extinguishers issued by the State Fire Marshall may be required prior to appointment. a  
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Physical Requirements: Plumber and Senior Plumber: Strength to perform average lifting up to 25 pounds and occasionally over 70 pounds; body agility and equilibrium involved in climbing; back and leg coordination involved in stooping, kneeling, and crawling to an unusual extent; arm, hand, and finger dexterity with both hands involved in reaching, handling, and finger manipulation; and good eyesight. e  
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Plumber Supervisor: Strength to perform average lifting of less than 5 pounds and occasionally over 15 pounds; frequent walking and standing; good speaking and hearing ability; and good eyesight. d  
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Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in these classes. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations. e  
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As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what the duties and responsibilities of any position shall be. e  
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