

San Diego Community College District

CLASSIFICATION DESCRIPTION

Title: Plumber - II
Unit: Maintenance & Operations

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Job Code: E1345
Original Date: 11/1985
Last Revision: 01/2016
Staff Type: Classified
FLSA status: Non-exempt
Salary Range: 32

DEFINITION

Under the direction of the District Facilities Supervisor-Buildings and Grounds or assigned supervisor, perform, plan, and direct semi-skilled and skilled plumbing installation, repair, and maintenance work of sewer, storm drain, gas, and water systems. Act as a lead person over a crew of journey-level plumbers and assistants to perform plumbing and other related work.

DISTINGUISHING CHARACTERISTICS

This is the master level classification of the Plumber series. Incumbents provide the highest level of expertise in the craft for the District, determining and assuring that standard trade practice is followed. Incumbents have a higher level understanding of the craft. In addition to regular duties, including troubleshooting and fixing more complex problems, the Plumber-II has lead responsibilities under the direction of the District Facilities Supervisor.

EXAMPLE OF DUTIES

1. Prioritize work orders to best serve immediate needs of campuses. Estimate labor and material costs; prepare job progress reports and maintain records. Provide work direction and guidance to a Plumber-I or other maintenance assistants as assigned. Instruct in proper methods and procedures.
2. Evaluate and monitor work performance of contractors. Coordinate work of other trades (welding, carpentry, paint) as necessary; follow and report on job progress; ensure jobs are completed in priority order.
3. Install, maintain, and repair plumbing equipment and fixtures; repair water, gas, and sewer systems; install and maintain steam and hot water heating systems; repair broken valves, hydrants, and fire sprinkler systems; service pipes and drinking fountains.
4. Operate pipe cutters, reamers, threading machines, sewer tapes, cables, high pressure jetting machines, and other plumbing tools and equipment.
5. Work from sketches, drawings, and blueprints to install, connect, and repair equipment, such as dish and clothes washing machines, vacuum breakers, backflow devices, gas safety appliances, steam tables, lavatories, floor and chemistry sinks, drains, sump and circulatory pumps, hot water heaters and tanks, showers, swimming pools, gas ranges, valves, fittings, and appurtenances, and copper, lead, brass, iron, steel, tile, and other pipes and their fittings.
6. Repair air and welding systems.
7. Forecast and requisition materials and supplies; assure proper inventory levels.
8. Inspect gas heater, safety devices, and plumbing facilities for proper operation.
9. Ensure on the job compliance with shop and safety practices, including the OSHA Hazard Communication Standard and EPA requirements.
10. Determine and assure that standard trade practice is followed.
11. Operate a district maintenance vehicle.

12. Inspect plumbing systems, equipment, and fixtures in need of plumbing repairs.
13. Perform waste management and recycling.
14. Perform related duties as assigned.

DESIRABLE QUALIFICATIONS

Knowledge:

- Methods of design, construction, installation, repair, and maintenance of plumbing fixtures and appliances.
- Modern practices, materials, and tools of the plumbing trade.
- Oral and written communications skills.
- Principles of supervision and training.
- Record-keeping techniques.
- Report writing.
- Requirements of OSHA Hazard Communication Standards and EPA.
- State and local plumbing codes and safety precautions.
- Technical aspects of field of specialty.

Skills and Abilities:

- Communicate effectively both orally and in writing.
- Establish and maintain effective working relationships with others.
- Install, repair, and maintain all types of plumbing fixtures and equipment.
- Interpret and work from penciled sketches, drawings, plans, and blueprints.
- Maintain records and prepare reports.
- Make simple arithmetic calculations.
- Operate a district maintenance vehicle.
- Plan and direct the work of assigned plumbers and helpers.
- Solve difficult and complex problems
- Understand and follow oral and written directions.
- Use hand and power machine tools of the plumbing trade.
- Use initiative with minimum supervision.
- Work independently.

License:

- Valid California driver's license.

Training and Experience:

- Any combination of training and experience equivalent to: seven years in the trade, including three years of journey level experience including leadership experience.

WORKING CONDITIONS

Physical Requirements:

- Category I

Environment:

- May include less desirable extremes.

Work Day:

- Persons in this class may be required to accommodate a flexible work schedule, including night work, call back, and weekends as necessary.