

 Oroville Hospital	<b>Job Description for Engineer/Plumber</b>	Department:	<b>Maintenance</b>
		Dept.#:	<b>8460</b>
		Last Updated:	<b>01/23/2014</b>

## Reports To

## Job Summary

Under general supervision, perform master journey-level work in the installation, maintenance, inspection, modification, remodel and repair of mechanical plumbing equipment and fixtures for water, gas, oil, steam, sewage, fire sprinkler/prevention, and refrigeration-related plumbing systems; act as lead worker to other classified staff in the area; and perform work as required. Incumbents maintain, troubleshoot and test plumbing systems; assemble, install and repair pumps, pipes, fittings and fixtures; cut, thread and weld gas pipes; assemble and install valves, pipe fittings and pipes; inspect completed work for conformance with specifications, requirements and compliance with applicable building and safety codes and regulations; inspect related work performed by contractors; estimate cost, time and materials for plumbing projects; participate in the maintenance and operations of engineering shop; clean, maintain and service tools and equipment used in the performance of duties.

## Duties

1. Maintains, repairs and installs plumbing and related fixtures and components.
2. Repairs piping of various size and type.
3. Checks safety equipment and replaces components such as washers, gaskets and filters.
4. Inspects, repairs or replaces pumps, valves and boiler systems.
5. Monitors work done by outside contractors for adherence to Plumbing Code Requirements and reports back to supervisor.
6. Install supports and hangers for pipe, fixtures and equipment.
7. Assemble and install valves and fittings.
8. Install, repair and maintain water treatment equipment, piping and controls.
9. Install, repair and maintain water heaters and conditioners.
10. Install, repair and maintain plumbing fixtures, appliances and trim.
11. Test pipe systems and fixtures for leaks.
12. Ensure all installations, repairs and maintenance meet the requirements of the appropriate codes.
13. Ensure all installations, repairs and maintenance meet environmental protection requirements.
14. Maintains appropriate service and repair records.
15. Researches, purchases and inventories equipment parts and supplies.

16. Responds to routine emergency calls for repairs and service.
17. May train and direct the work of other classified staff in the area.
18. Assists and serves as back up to other Facilities employees.
19. Trains and directs the work of other classified staff in the area.

### **Qualifications**

1. Candidates/incumbents must meet the minimum qualifications as detailed below, or file for equivalency. Equivalency decisions are made on the basis of a combination of education and experience that would likely provide the required knowledge and abilities.
  - a. Graduation from high school, supplemented by completion of a union, private (in-house), military or trade school apprenticeship program that includes theory and on-the-job work.
  - b. 4 years as a journey-level plumber/fitter in a commercial, industrial, or facilities operations settings.
2. Through knowledge of the methods, materials, tools, and equipment used in the plumbing trade; operation of building automation systems, applicable state and federal health and safety code requirements; methods and practices followed in the maintenance of tools, machinery and equipment safety precautions to be observed in the maintenance and installation of electronic and mechanical equipment.
3. Operate and use required tools and equipment skillfully and safely; perform heavy physical labor; read and comprehend plans and blueprints as appropriate to the plumbing trade; install, maintain and repair broad range of plumbing fixtures and components, pumps, valves, broiler systems, compressors, alarm systems and chemical treatment systems; read and comprehend plans and blueprints as appropriate to trade; analyze and respond safely and appropriately to emergency situations; train and direct the work on other classified staff in the area; follow and give oral and written instructions; maintain cooperative working relationships; demonstrate sensitivity to, and respect for a diverse population.

### **Lifting Requirements**

Must be able to perform physical activities, such as, but not limited to, lifting equipment (up to 50lbs. unassisted), bending, standing, climbing or walking. Must be able to safety use manual tools and power equipment common in the construction trades.