PALOMAR COMMUNITY COLLEGE DISTRICT

MAINTENANCE PLUMBER

Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.

DEFINITION

To perform a variety of skilled plumbing tasks supporting the repair and maintenance of District buildings and facilities; to troubleshoot, repair, replace and maintain plumbing fixtures, accessories and equipment; and to perform a variety of technical tasks relative to assigned area of responsibility.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Supervisor Building Services.

May exercise functional and technical supervision over assigned staff.

ESSENTIAL AND MARGINAL FUNCTION STATEMENTS

Essential and other important responsibilities and duties may include, but are not limited to, the following:

Essential Functions:

1. Install general plumbing systems and repair existing systems; install water piping, fire sprinkling systems and sewer mains and laterals.

2. Troubleshoot and repair major plumbing breakdowns such as clogged drains and fixtures; clean out drains and remove obstructions from water systems.

3. Repair and replace PVC, copper and galvanized pipes; solder and sweat copper joints and fittings; repair valves, ball cocks and faucets.

4. Unplug and re-route water and control lines; service and repair circulating pumps and electrical timers.

5. Maintain and repair plumbing fixtures on dishwashers, washing machines, toilets, sinks, drinking fountains and garbage disposals.

6. Repair or replace gas lines, gas meters and valves; dig ditches and trenches as necessary; inspect, repair and install backflow prevention devices.

7. Inspect, maintain and replace hot water heaters and loop systems; evaluate water levels, pressure and temperature.
8. Read and interpret blueprints and sketches; ensure work is completed according to written specifications.

9. Operate and maintain a variety of heavy equipment including a backhoe, skip loader, trench digger and various hand tools.

10. Estimate time, materials, and equipment required for jobs assigned; requisition materials as required.

**Marginal Functions:**

1. Oversee the work of hourly student and short term staff.

2. Perform related duties and responsibilities as required.

**QUALIFICATIONS**

**Knowledge of:**

- Principles and procedures of skilled plumbing work.
- Procedures and techniques used in the maintenance, installation and repair of general plumbing systems.
- Use and application of a variety of common plumbing hand tools.
- Procedures and terminology used in the plumbing trade.
- Techniques of soldering and minor welding.
- Operational characteristics of plumbing, water and sewer systems.
- Operational hazards and standard safety practices.
- Regulations and applicable laws regarding the use and disposal of various hazardous materials.

**Ability to:**

- Install, maintain and repair general plumbing systems.
- Effectively troubleshoot a variety of plumbing system problems.
- Effectively use a full range of plumbing tools.
- Repair and/or replace damaged plumbing and plumbing fixtures.
- Interpret and read blueprints, diagrams and specifications.
- Understand and follow oral and written instructions.
- Communicate clearly and concisely.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Maintain physical condition appropriate to the performance of assigned duties and responsibilities.
Experience and Training Guidelines
Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:
Four years of increasingly responsible plumbing experience.

Training:
Equivalent to the completion of the twelfth grade supplemented by specialized training in plumbing.

License or Certificate
Possession of, or ability to obtain, an appropriate, valid driver's license.

WORKING CONDITIONS

Environmental Conditions:
Field environment; travel from site to site; exposure to noise, dust, grease, smoke, fumes, gases; work in or with water; work or inspect in confined spaces, underground or at heights on scaffolding and ladders.

Physical Conditions:
Essential and marginal functions may require maintaining physical condition necessary for heavy, moderate or light lifting; walking, standing or sitting for prolonged periods of time; bending, stooping, kneeling, crawling or climbing; the ability to distinguish color; operating motorized equipment and vehicles; near visual acuity to inspect and maintain plumbing systems.