CLASS TITLE: PLUMBER

BASIC FUNCTION:

Under the general supervision of a Maintenance Supervisor, a Plumber performs skilled work in the repair, maintenance, and installation of plumbing systems, equipment, appliances, controls, and fixtures, including water, gas, and sewer installation.

REPRESENTATIVE DUTIES:

Install, maintain, repair and replace plumbing systems, equipment, appliances, controls, and fixtures, including water, gas and sewer installation. E

Read, interpret and understand information represented in sketches, drawings, blueprints, and schematics. E

Install, maintain, and repair a variety of plumbing-related systems such as gas piping, lawn sprinkler, welding, and automatic fire sprinkler. E

Repair and maintain equipment including boilers, furnaces, thermostats, gas valves, fans, and air compressors. E

Maintain and inspect safety devices and equipment; inspect and test pipes for cross connections. E

Maintain records and prepare reports; estimate materials and time needed for projects. E

Install backflow prevention devices; submit reports of testing certifications to appropriate agencies. E

Train and provide work direction to others as assigned. E

Estimate time and materials needed; make cost estimates and order materials; maintain plumbing tools and equipment. E

Operate a variety of tools and equipment such as arc and gas welders, leak detectors, power tools, forklift, and maintenance vehicle. E

Notify supervisor regarding water systems malfunctions or in the event of contamination or pollution of water systems.

Assist in performing other skilled maintenance duties as assigned.

Perform related duties as assigned.
PLUMBER (continued)

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

- Applicable plumbing codes and regulations
- Backflow prevention devices
- California Plumbing Code
- Interpersonal skills using tact, patience and courtesy
- Methods, equipment and materials used in the plumbing trade
- Health and safety regulations
- Technical aspects of field of specialty
- Record-keeping techniques
- Basic methods, equipment and materials used in the heating, refrigeration and air conditioning trades

ABILITY TO:

- Maintain and perform skilled work in the repair, maintenance, and installation of plumbing fixtures
- Add, subtract, multiply, and divide quickly and accurately
- Understand and follow oral and written directions
- Install, repair, and maintain plumbing fixtures and heating, ventilation, and refrigeration systems
- Maintain records and prepare reports
- Establish and maintain cooperative and effective working relationships with others
- Use a variety of tools and machines utilized in the basic trade
- Analyze situations accurately and adopt an effective course of action
- Work from blueprints, shop drawings, and sketches
- Meet schedules and time lines
- Work independently with little direction
- Plan and organize work
- Train and provide work direction to others
- Operate a maintenance vehicle
- Perform skilled maintenance work as assigned

EDUCATION AND EXPERIENCE:

Any combination equivalent to four years of training and experience which demonstrates journey-level skill in the assigned trades.

LICENSES AND OTHER REQUIREMENTS:

Obtain and maintain a backflow certificate prior to obtaining permanent status
PLUMBER (continued)

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor work environments
Responding to emergency calls after regular working hours

PHYSICAL ABILITIES:

Lifting and carrying heavy appliances and fixtures
Climbing ladders
Pushing and pulling snakes and other apparatus
Crawling under buildings and in cramped or restrictive work chambers
Seeing to observe work progress
Standing and walking for extended periods of time

HAZARDS:

Working around fumes, heat and in cramped environments
Potential exposure to human feces and to unpleasant odors