CLASS TITLE: PLUMBER

BASIC FUNCTION:

Under the direction of the Maintenance Supervisor II-Mechanical, perform journey-level plumbing repairs, including installation of gas pipes, water heaters, repair of broken water pipes, water sprinkler systems and repairing and replacing water pumps and water fixtures and repairing electrical motors.

REPRESENTATIVE DUTIES:

Inspect, diagnose, repair or replace a wide variety of plumbing fixtures and equipment.

Install gas pipes for natural gas when converting from butane by replacing or repairing leaking gas lines that have been red tagged by the gas company.

Weld and fabricate brackets and parts for pumps, motors and coolers.

Repair or replace domestic water pump systems.

Repair or replace broken plumbing fixtures in recreational areas.

Repair flush valves in County buildings.

Repair or replace hot water heaters and controls, including thermostats and pop-off valves.

Install and repair shower mixer water controls including motor in valves and clean screens.

Repair flush valves in County facilities by replacing diaphragms, angle stops, flush meters and back flow preventors.

Repair recycling water pumps in heating systems.

Remove and replace electric motors from pumps, washers and dryers; repair appliances such as stoves and ovens.

Weld and fabricate brackets and parts for pumps, motors and coders.

Operate a variety of equipment such as telephone, screwdriver, pipe wrench, hacksaw, hammer, channel lock, nut driver, hand grinder, jackhammer, flexible cleaner, portable generator, electric drill, drill pipes, cement mixer, welder, acetylene torch, hydraulic lathe, trencher, tractor and boom truck.

Operate flexible cleaner for cleaning waste pipes.

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Install fire plugs and related piping for fire protection.

Replace bearings in electrical motors.

Inspect submergible pumps for proper operating conditions.

Assist maintenance personnel in installation and repair of irrigation systems as needed.

Maintain routine records of work performed; purchase supplies and materials according to established guidelines and procedures.

Perform related duties as assigned.

**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**
Methods, procedures, equipment and tools of the building trades as they relate to plumbing.
Safety rules and building code regulations applied to the building trades.
Proper lifting techniques.
Basic record-keeping techniques.

**ABILITY TO:**
Perform skilled and semi-skilled maintenance, repair, alteration and basic plumbing work.
Perform skilled plumbing work in the operation, repair and construction of equipment and structures.
Repair and maintain plumbing related motors.
Maintain routine records.
Diagnose maintenance and repair problems and take appropriate action.
Understand and follow oral and written directions.
Work cooperatively with others.
Operate a variety of equipment such as telephone, screwdriver, pipe wrench, hacksaw, hammer, channel lock, nut driver, hand grinder, jackhammer, flexible cleaner, portable generator, electric drill, drill pipes, cement mixer, welder, acetylene torch, hydraulic lathe, trencher, tractor and boom truck.

**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: two years journey-level experience as a plumber.

**LICENSES AND OTHER REQUIREMENTS:**

Valid California driver's license. Incumbents in this classification must pass a law enforcement security check.

**WORKING CONDITIONS:**

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Work includes indoor and outdoor environment; subject to driving a vehicle to conduct work.

Physical abilities required include walking, carrying, pushing, pulling or dragging items up to 100 pounds, heavy physical labor, bending, reaching, seeing to observe repairs, speaking to communicate, and dexterity of hands and fingers to operate plumbing tools and equipment.

Incumbents may be exposed to extreme heat, noise and fumes.