CHICO UNIFIED SCHOOL DISTRICT
SENIOR MAINTENANCE WORKER - SPRINKLER SYSTEMS

DEFINITION
Under direction, to perform a variety of skilled maintenance and repair work in the areas sprinkler systems, plumbing and other related areas.

SUPERVISION EXERCISED
May exercise technical and functional supervision over lower level staff.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES
- Perform a full range of skilled maintenance, installation and repair work, including in the areas of sprinklers and water lines, sprinkler controls, sprinkler systems and interior plumbing.
- Receive work orders; confer with supervisors and building administrators to determine work priorities; confer with originators regarding desired finished product; determine exact specifications of work requested; estimate supplies, materials and costs of repair projects; requisition necessary materials, parts, supplies, tools and equipment.
- Repair and maintain sprinklers and water lines; inspect sprinklers for malfunctioning and proper rotation angles; adjust water pressure and flow; inspect for proper drainage; disassemble, reassemble, adjust, replace and repair sprinklers and parts, including bent arms, weak springs and plugged nozzles; locate and repair broken underground water lines.
- Repair and maintain sprinkler controls; check manual and electric sprinkler controls, circuits, solenoids, underground lines and valves for proper operation; remove, repair, clean, replace and reconnect controls and parts.
- Lay out and install sprinkler systems; measure the area; determine sprinkler locations, power source and water supply and pressure; determine materials, including wire size and length, pipe sizes, fittings and sprinklers, valves and valve boxes, controllers, wiring and conduit; lay out area using line marker and wooden stakes; dig ditches; lay and install pipes, risers, sprinklers, wire and controllers; test completed system for proper operation.
- Assist the Senior Maintenance Worker - Plumber; perform inspections, repairs and replacements on interior plumbing as needed.
- Read and interpret blueprints and schematics.
- Maintain records of work performed; maintain records and inventory of materials, supplies, tools and equipment; prepare and submit reports.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES
- Operate heavy equipment when required; operate light trucks, trailers or other equipment to move, haul and deliver materials, equipment and maintenance supplies; load and unload materials and equipment.
- Operate a variety of hand and power tools and equipment necessary in the performance of assigned duties, including pipe and crescent wrenches, clamps, pipe cutter, volt ohmmeter, amprobe and soldering irons.
- Clean work areas at sites and at shop; clean and maintain tools and other equipment.
- Follow preventative maintenance schedules where appropriate.
- Check buildings and equipment to locate needed repairs and maintenance; report unsafe conditions to supervisors.
- Perform related duties and responsibilities as assigned.
JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:
- Practices, methods, techniques, materials, tools and equipment used in sprinkler systems, plumbing and related trades at the journey level.
- Laws, codes and regulations pertaining to assigned area.
- Policies, procedures, laws, codes and regulations pertaining to assigned programs and functions.
- Occupational hazards and standard safety practices necessary in the area of maintenance and repair work.
- Terminology used in maintenance and repair work.
- Basic mathematical principles.
- Safe driving principles and practices.

Skill to:
- Operate a wide variety of hand and power tools and power equipment required for assigned trades work in a safe and effective manner.
- Operate a motor vehicle safely.

Ability to:
- Perform a full range of skilled sprinkler system, plumbing and related maintenance and repair duties under minimal supervision.
- Interpret and apply the policies, procedures, laws, codes and regulations pertaining to assigned area.
- Maintain and repair sprinkler and building systems.
- Read, interpret and apply a wide variety of technical information from manuals, drawings, specifications, layouts, blueprints and schematics.
- Evaluate new products and recommend usage.
- Estimate time, materials and equipment required for assigned jobs.
- Plan and organize work to meet schedules and deadlines.
- Prepare and maintain accurate and complete records.
- Understand and follow oral and written instructions.
- Establish, maintain and foster positive and harmonious working relationships with those contacted in the course of work.

Experience and Training Guidelines:
Any combination equivalent to experience and training that would provide the required knowledge, skills and abilities would be qualifying. A typical way to obtain the knowledge, skills and abilities would be:

Experience:
- Four years of sprinkler system, plumbing and related building maintenance trades experience.
- Must be at least 21 years of age.

Training:
- Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance supplemented by completion of a formal apprenticeship program.

License or Certificate:
- Possess an appropriate, valid driver's license.

Special Requirements:
Essential duties require the following physical skills and work environment:
- Please refer to the Job Analysis.