

CITY OF REDWOOD CITY LEAD CONSTRUCTION SPECIALIST

DEFINITION

To serve as a lead worker and to assume significant responsibility for general maintenance of City of Redwood City parks, facilities and swimming pools, including mechanical maintenance of pumps and motors and maintenance of water quality; and to perform a variety of maintenance tasks involving carpentry, plumbing, electrical; welding, metal fabrication, renovation and repair; irrigation repair, construction and repair skills.

DISTINGUISHING CHARACTERISTICS

Lead Construction Specialist is a lead worker who assists in scheduling, assigning and reviewing the work of subordinate personnel. The Lead worker performs the most complex and skilled maintenance work and provides technical guidance to other personnel in a variety of skill areas.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from a Park or Recreation Supervisor.

May assist in direct supervision of Landscape Gardeners and seasonal employees.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

Perform daily periodic checks of pool water quality; add chemicals as necessary.

Perform daily periodic checks of pool equipment, including pumps, motors, chlorinators, boilers, pipes, and valves; perform preventive maintenance and order parts and supplies as needed.

Repair pumps, motors, boilers, chlorinators, pipes, and valves; coordinate major repairs of equipment.

Backwash filters, pull and replace pumps, replace valves and gauges, repipe pumps and unplug pipes.

Install, inspect, repair, remove, and maintain wooden and metal playground and park maintenance equipment, including swings, slides, platforms, rollerslides, spring riders, climbing apparatus, barbecues, benches and bleachers, etc., and order parts and supplies as necessary.

Install and maintain all types of fencing.

CITY OF REDWOOD CITY
LEAD CONTRUCTION SPECIALIST (Continued)

Repair and maintain drinking fountains; install, repair and replace plumbing fixtures and order parts as needed.

Mix concrete, prepare forms, pour foundations, walkways, sidewalks, handicapped ramps, steps, floors and driveways.

Paint surfaces as required.

Install and maintain drainage systems.

Maintain, operate, fabricate, renovate and modify equipment and vehicles (such as dump truck backhoe, water truck, trailers, crane trucks, etc.) as necessary in the performance of duties.

Knowledge of:

Proper water balance in pools; chemicals used to maintain water quality.

Principles and procedures of mechanical maintenance and plumbing; function and components of pool equipment such as chlorinators.

Procedures for the required maintenance of pools.

Tools, equipment and procedures used in the construction, repair and maintenance of grounds, and buildings.

Carpentry, welding, plumbing, electrical, masonry, and concrete work and mechanical equipment.

Safe work practices.

Ability to:

Operate a variety of equipment used in building and park construction, maintenance, repair, and general grounds maintenance.

Maintain, operate and modify as necessary heavy equipment needed to perform tasks.

Read and interpret blue prints.

Review or inspect blueprints and equipment and implement appropriate changes to minimize liability and comply with appropriate regulations.

Trace broken underground wiring with sophisticated electronic equipment.

CITY OF REDWOOD CITY
LEAD CONTRUCTION SPECIALIST (Continued)

Perform a variety of mechanical and plumbing maintenance procedures.

Maintain water quality in pools.

Identify and correct safety hazards in a pool area.

Understand and carry out both oral and written directions in an independent manner.

Oversee and monitor the work of others.

Establish and maintain effective work relationships with those contacted in the performance of required duties.

Work independently and without supervision.

Physical Characteristics:

Must be able to perform heavy manual labor, assume bodily positions required in pool maintenance work, work outside in varying climatic conditions, and possess acceptable manual dexterity.

Experience and Education:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

One year experience in the maintenance of pools and pool equipment and two years of park maintenance experience involving a broad range of construction and mechanical skills, activities and equipment.

Education:

Equivalent to the completion of twelfth grade, and supplemented by specialized technical training in park maintenance and pool maintenance.

License or Certificate:

Possession of, or ability to obtain, an appropriate, valid California Driver's License and a satisfactory driving record is desirable. A Class "A" License must be obtained within 3 (three) months of appointment to the position.

Effective Date: June, 1991

Bargaining Group: Service Employees' International Union - Local 715