CITY OF SANTA CRUZ
SENIOR PLANT MAINTENANCE MECHANIC

Reports to:	**Wastewater Treatment Facilities Operations Manager or Water Production Field Supervisor**
Supervises:	**Plant Maintenance Mechanic I, Plant Maintenance Mechanic II and other staff as assigned**
Bargaining Unit:	**Supervisory**

BASIC FUNCTION

Under general supervision, coordinates, leads and directs the daily workflow of repair and preventive maintenance on wastewater or water treatment plant equipment and related facilities, including job scheduling and assigning work; implements safe work practices and trains maintenance mechanic personnel in safe working procedures; assists supervisor in evaluating the performance of maintenance staff; performs all functions of the Plant Maintenance Mechanic II classification and related duties as assigned.

DISTINGUISHING CHARACTERISTICS

The **Senior Plant Maintenance Mechanic** is a supervisory, advanced journey level classification in the plant maintenance mechanic series in which incumbents provide work direction for assigned staff, oversee daily operations and perform the more complex plant equipment troubleshooting and maintenance tasks. This classification is distinguished from the next lower classification of Plant Maintenance Mechanic II in that the latter is the journey level classification assigned to the plant maintenance mechanic series.

TYPICAL DUTIES *(May include but are not limited to the following):*

- Assists supervisor with the coordination, scheduling, assigning and prioritizing of work for staff assigned to maintenance and repair of water and wastewater related equipment, facilities and tools.
- Performs the more difficult and complex plant equipment troubleshooting and maintenance tasks.
- Ensures that proper safety practices and procedures are followed.
- Trains, directs, reviews and evaluates work of assigned staff; ensures that overall quality is maintained.
- Assists supervisor with maintaining an inventory of parts and supplies needed to perform preventive maintenance and repair of plant equipment, and in ordering supplies when needed.
- Ensures that equipment and tools are maintained in good working order.
- Performs all duties of the Plant Maintenance Mechanic II.
- Performs related duties as assigned.

WORKING CONDITIONS

Position requires prolonged sitting, standing, walking on level and slippery surfaces, reaching, twisting, turning, kneeling, bending, stooping, squatting, crouching, grasping and making repetitive hand movement in the performance of daily duties. The position also requires both near and far vision when inspecting work and operating assigned equipment. The need to lift, carry and push tools, equipment and supplies weighing up to 100 pounds is also required. Additionally, the incumbent in this outdoor position works in all weather conditions, including wet, heat and cold. May use chemicals and cleaning products

which may expose the employee to fumes, dust and air contaminants. The nature of the work may also require the incumbent to climb ladders, use power tools and noise producing tools and equipment, drive motorized vehicles and heavy equipment, work in heavy vehicle traffic conditions and enter confined spaces. Some positions require the incumbent to work both in and around bodies of water to perform assigned duties. The incumbent will be required to respond to after hours emergency call outs and to wear a uniform. Some of these requirements may be accommodated for otherwise qualified individuals requiring and requesting such accommodations.

MINIMUM QUALIFICATIONS

Knowledge, Skills and Abilities

Working knowledge of:

- the techniques, tools and materials used in the maintenance and repair of industrial machinery and equipment such as large capacity pumps, motors, valves, gear boxes, pressure regulating valves, centrifuges, compressors and boilers (depending on the area of assignment).
- the standard safety procedures related to industrial and water or wastewater treatment facility equipment maintenance.

Knowledge of:

- The installation, operation and maintenance of automatic control valves (Required for Water Department position only).

Basic knowledge of:

- the electrical operation of pumps and motors to troubleshoot and service equipment.

Skill in:

- maintaining, adjusting and repairing industrial machinery and equipment.
- operating hand and power tools used in mechanical maintenance work.
- operating boom truck, dump truck and other similar equipment.

Ability to:

- train, assign, direct and review the work of others.
- follow oral and written directions.
- communicate effectively orally and in writing.
- establish and maintain effective working relationships with others.
- act in a courteous and diplomatic manner with members of the public.
- recognize unusual or dangerous operating conditions and make sound judgments within established guidelines.
- read blueprints, drawings and construction diagrams.
- complete and maintain accurate records.
- observe safety principles and work in a safe manner.
- perform manual labor involving frequent bending, pulling, pushing, lifting and carrying of weights up to about 100 lbs.
- perform assigned duties while wearing respiratory protection equipment.

Other Requirements

- Must reside within a 45-minute response time by the end of probationary period.
- Willingness to perform call-back work as required.
- Must be clean shaven at all times as required to wear respiratory protection equipment.
- Willingness to wear a uniform.

Education and Experience

Any combination of education and experience that provides the skills, knowledge and abilities required is qualifying. A typical way to obtain these requirements would be:

- High school graduation or tested equivalent and four years journey-level experience in mechanical maintenance work including the maintenance and repair of industrial machinery and equipment.

Licenses/Certificates

- Possession and continued maintenance of a valid California Class C driver's license and a safe driving record.

Positions assigned to the Public Works Department Wastewater Mains Division or Wastewater Treatment Facility require:

- Possession by the end of the probationary period and continued maintenance of First Aid and CPR certification.

DESIRABLE QUALIFICATIONS

- Experience performing fabrication welding with arc and gas welding and cutting equipment.
- Possession of a California Water Environment Association (CWEA) Grade II Mechanical Technologist certificate.

If assigned to the Water Treatment Plant

- Knowledge of the techniques, equipment and materials used in the maintenance and repair of water lines.
- Possession of a Grade T1 Water Treatment Plant Operator certificate or a Grade D1 Water Distribution Operator certificate issued by the State of California Department of Health Services.
- Possession and continued maintenance of a National Association of Underwater Instructors (NAUI), Professional Association of Diving Instructors (PADI) or equivalent certificate as a scuba diver.
- Possession and continued maintenance of First Aid and CPR certification.

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