

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

CLASSIFICATION STATEMENT

TITLE: Maintenance Mechanic II

DIVISION: Maintenance

SALARY RANGE: Range 38

DEFINITION:

Under the direction of a Maintenance Mechanic III; perform scheduled and unscheduled maintenance, repairs, and major rebuilds to wastewater treatment plant mechanical equipment and related facilities.

CLASS CHARACTERISTICS:

Report directly to an assigned Maintenance Mechanic III with general supervision from the Maintenance Supervisor.

SUPERVISION EXERCISED: None

EXAMPLE OF ESSENTIAL DUTIES AND RESPONSIBILITIES: *The following are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.*

- Perform a variety of skilled maintenance and manual labor tasks.
- Identify source(s) of existing or potential mechanical problems with systems, techniques, parts and equipment and efficiently work to correct as appropriate, troubleshoot and diagnose engine malfunction.
- Perform difficult preventive maintenance and repair operations on mobile and/or stationary equipment including, but not limited to, boilers, pumps, air and gas compressors, stationary engines and vehicles.
- Write requests for purchases for review by supervisor.
- Thorough knowledge of power production , engine operational data, gas consumption.
- Maintain complete and accurate records of work performed.
- Inspect and review finished work product; interpret manuals, drawings and diagrams.
- Use precision measuring devices, test instruments and various hand tools.
- Recommend parts for warehousing, tools, and machinery for budget purchases.
- Store and properly care for all Agency tools.
- Work efficiently and effectively with all other departments to achieve the most economical and satisfactory resolution to operational concerns.
- Maintain agency cogeneration equipment to ensure proper operations and regulatory compliance.
- Comply with Agency safety rules and regulations.
- Perform all other related duties as assigned and/or directed.

MINIMUM TRAINING AND EXPERIENCE REQUIRED TO PERFORM ESSENTIAL FUNCTIONS:

- Minimum of two years experience in the maintenance, repair, rebuild and service of mechanical equipment, control valves, pumps, motors, tanks and piping systems found in a power plant.
- Thorough knowledge of the safe and proper operation of various types of hand and power tools, gas and electrical cutting and welding equipment, precision measuring devices, test meters and gauges; advance methods of troubleshooting, diagnosing and techniques of repairing and rebuilding equipment; safe shop practices.

OTHER SPECIAL REQUIREMENTS:

- Graduation from high school or an acceptable equivalent.
- Graduation from a college or university with an associate of arts degree. A baccalaureate degree in business administration or equivalent is desirable.
- Must possess a valid California, Class C, driver's license in good standing.

PHYSICAL AND MENTAL ABILITIES REQUIRED TO PERFORM ESSENTIAL FUNCTIONS:

Language Ability and Interpersonal Communication:

- Ability to analyze and categorize data and information in order to determine the relationship of data with reference to established criteria/standards. Ability to compare, count, differentiate, measure assemble, copy, and record and transcribe data and information. Ability to classify, compute and tabulate data.
- Ability to explain, demonstrate and clarify to others within well-established policies, procedures and standards. Ability to follow specific instructions and respond to simple requests from others.
- Ability to communicate effectively orally and in writing with Agency personnel.

Mathematical Ability:

- Ability to calculate percentages, fractions, decimals and ratios.

Judgment and Situational Reasoning Ability:

- Ability to use functional reasoning and apply rational judgment in performing diversified work activities.
- Ability to exercise the judgment, decisiveness and creativity required in situations involving the evaluation of information against measurable criteria.

Physical Requirements:

- Must be able to pass Agency's pre-employment physical examination.
- Ability to coordinate eyes, hands, feet and limbs in performing movements requiring skill and training, such as assembling equipment.

- Ability to exert effort in strenuous physically demanding work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, crawling, lifting, carrying, pushing and pulling. Ability to lift and move 50 pounds or more.
- Ability to recognize and identify degrees of similarities or differences between characteristics of colors, shapes, sounds, odors and textures associated with job-related objects, materials and tasks.
- Ability to withstand exposure to inclement weather conditions, working in wet and/or odorous areas.
- Ability to be subject to 24-hour recall, variable working hours, overtime, weekends and holidays. May be required to perform stand-by duties and respond to plant emergencies

Environmental Adaptability:

Some tasks may risk exposure to temperature variations, sewage, toxic agents/chemicals, noise, machinery, vibrations, electrical currents, wetness and dust.

SOCWA is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Agency will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.