

PLANT MAINTENANCE WORKER/ MECHANIC I

DEFINITION

Under general supervision, to assist in performing and performs semi-skilled mechanical work in installing, repairing, maintaining, dismantling and overhauling of mechanical and electrical equipment; perform maintenance of plant grounds and buildings; and perform other related duties as required.

Plant Maintenance Worker is the entry-level class and Plant Maintenance Mechanic I is the semi-skilled class in the series. Incumbents in the Plant Maintenance Worker I class will progressively perform of the duties required in the series, but are not expected to function at the same skill level and will usually exercise less judgment on matters related to work procedures and methods. Under the flexible staffing concept, Plant Maintenance Mechanic I positions that may become vacant may reasonably filled at the Plant Maintenance Worker level for training purposes.

Positions in the Plant Maintenance Mechanic I class are flexibly staffed and normally filled by advancement from the Plant Maintenance Worker class, or when filled from the outside, require prior specific experience in electrical/mechanical equipment maintenance and repair.

EXAMPLE OF DUTIES

Assists in performing and performs maintenance and repairs on machinery and equipment under the general supervision of the Plant and Equipment Maintenance Supervisor; assists in installing and setting up new equipment; assists in keeping maintenance records; maintains plant grounds and buildings; position is geared toward flexible staffing so as incumbent gains more knowledge and experience is able to perform more independent abilities to install, maintain, replace and repair pumps, motors, generators and auxiliary equipment; levels and aligns equipment to prevent vibration; installs and connects instruments, gauges, tubing, pipes and instrument panels, switches and valves; dismantles pumps, motors, and generators and inspects for broken or worn parts, and makes appropriate adjustments, replacements and repairs; may have to work under adverse conditions.

MINIMUM QUALIFICATIONS

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Knowledge of: Use of hand tools and power equipment; basic addition and subtraction, reading and copying of figures; counting and recording; and demonstrate ability to learn the installation, operation and repair of pumps, motors, generators, and related equipment; mechanical ability and skill in the use of tools and materials involved in the installation, maintenance and repair of mechanical and electrical equipment, use of hand tools and power equipment.

Ability to: Perform heavy manual labor involving lifting, carrying, climbing, kneeling and crawling; understand and follow oral and written instructions; establish and maintain cooperative and collaborative working relationship with fellow employees and the public; work in adverse conditions which require exposure to noise, noxious odors, gases, contact with wastewater, and risk of bodily injury; read, understand and work from blueprints, diagrams and installation sketches; diagnose and repair mechanical and electrical defects; prepare reports and keep accurate records; interact positively and cooperate with co-workers, respond politely to customers, work as a team member, function under demanding time pressure, respond in a positive manner to supervision, attend work and perform duties on a regular and consistent basis.

Education: Graduation from High School or equivalent.

Experience: One year experience in general maintenance and repair of electrical and mechanical equipment.

Physical Requirements: Moderate and sometimes strenuous exertion required, including sustained walking, standing, bending, climbing and lifting.

License: Possession of a valid Class C California Driver's License (including acceptable driving record). Possession of a Mechanical Technologist I Certification from the California Water Environment Association (CWEA) is desirable.