

SENIOR WASTEWATER MECHANICAL SPECIALIST

DEFINITION

Under general supervision, provides lead direction and participates in the repair, service, and maintenance of equipment, machinery and related apparatus at the City's Wastewater Treatment Plant facilities.

DISTINGUISHING CHARACTERISTICS

Senior Wastewater Mechanical Specialist is the leadworker class in the Wastewater Mechanical series. The incumbent provides lead direction to Wastewater Mechanical Technicians and Specialists while participating in the repair, service, and maintenance of Wastewater Treatment Plant equipment and machinery. Senior Wastewater Mechanical Specialist differs from Wastewater Mechanical Specialist, in that incumbents of the latter do not provide lead direction. This class differs from Wastewater Treatment Maintenance Supervisor in that incumbents of the latter provide first-line supervision to lower level staff and are responsible for directing all maintenance activities.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Wastewater Treatment Maintenance Supervisor. This classification provided lead direction to lower level staff, but does not exercise supervision.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but are not limited to, the following:

Provides lead direction and participates in the service, repair, and maintenance of the Wastewater Treatment Plant machinery and related equipment, including large, multi-fuel internal combustion engines.

Provides lead direction and participates in the maintenance duties associated with the cleanliness of equipment and adjacent areas.

Trains and instructs subordinate employees in the performance of their duties and ensures compliance with safety procedures.

Maintains service and preventive maintenance records on equipment and machinery; maintains other pertinent information.

Maintains and repairs a variety of equipment, machinery, and control systems in the treatment plants to ensure efficient plant operation; overhauls pumps and other equipment; and services equipment and machinery.

Maintains an adequate inventory of spare parts and tools necessary to perform the work.

Establishes procedures for installation and removal of equipment and machinery.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

The practices, methods, tools and materials of the mechanical, electrical, and welding trades.

The operation of pumps, motors, and related Wastewater Treatment Plant equipment and machinery.

Occupational and safety hazards.

Ability to:

Develop and implement safety precautions.

Plan, direct, and train staff engaged in the repair, service, and preventive maintenance of equipment and machinery used at the Wastewater Treatment Plant.

Diagnose and correct operating malfunctions in mechanical and electrical equipment and systems, including multi-fuel internal combustion engines.

Work from sketches, blueprints, and/or complex oral instructions.

Skill in:

The use of tools and equipment of the mechanical, electrical, and welding trades.

MINIMUM QUALIFICATIONS

Two (2) years of experience equivalent to that gained as a Wastewater Mechanical Specialist in the City service.

Special Requirement(s):

Possession and continued maintenance of a valid California Driver's License at time of appointment.

