

## **WASTEWATER MECHANICAL TECHNICIAN**

### **DEFINITION**

Under close supervision, services, and maintains equipment, machinery, and related apparatus at the City's Wastewater Treatment Plant facilities.

### **DISTINGUISHING CHARACTERISTICS**

Wastewater Mechanical Technician is the entry level class in the Wastewater Mechanical series. An incumbent services, and maintains Wastewater Treatment Plant equipment and machinery, and assists Wastewater Mechanical Specialists in more complex assignments. This class differs from Wastewater Mechanical Specialist in that the latter is the full journey level class in which incumbents perform the full range of duties with greater independence.

### **SUPERVISION RECEIVED/EXERCISED**

Receives supervision from a Wastewater Treatment Maintenance Supervisor or lead direction from a Senior Wastewater Mechanical Specialist. This classification does not exercise supervision.

### **EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES**

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

Maintains a variety of equipment, machinery, and control systems in treatment plants to assure efficient plant operations.

Diagnoses problems and makes requests for necessary repairs; maintains records of work performed.

Installs or replaces ancillary parts for equipment and machinery; assists in plant installations and overhauls.

Services machinery and equipment through preventive maintenance by performing periodic lubrication, adjustment, cleaning, and inspections for worn parts.

Maintains clean and safe working environment around plant equipment and facilities.

Performs related duties as required.

## **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

### **Knowledge of:**

Practices, methods, tools, and materials of the mechanical and electrical trades.

Basic pump, motor, and related industrial equipment and machinery operations.

Occupational and safety hazards and methods to perform duties safely and efficiently.

### **Ability to:**

Diagnose and suggest corrective action for operating malfunctions in mechanical and electrical equipment and systems.

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

Establish and maintain effective working relationships with supervisors and co-workers.

Work on elevated platforms and in confined spaces.

### **Skill in:**

Use of tools and equipment of the mechanical and electrical trades.

## **MINIMUM QUALIFICATIONS**

Six (6) months of experience in the maintenance of pumps, motors, gearboxes and other equipment. Mechanical maintenance in an industrial plant is desirable, as is coursework or training in the repair and maintenance of pumps and gearboxes.

### **Special Requirement(s):**

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

Based upon assignment, possession of a valid Commercial Class B California Driver's License may be required.

Valid California Water Environmental Association (CWEA) Mechanical Technologist Grade I certification is desirable.

