

## **SENIOR FIELD SERVICES WORKER**

### **DEFINITION**

Under the general supervision of a Field Services Supervisor, a Senior Field Services Worker transports and operates heavy equipment in support of the installation, maintenance and repair of the water distribution and sewer collection systems; operates, maintains and repairs a variety of water distribution components; may provide lead direction to crew; and performs other related duties as required.

### **CLASS CHARACTERISTICS**

This is a single position class in the Field Services series. The incumbent operates a variety of heavy and light equipment in the installation, repair and maintenance the District's water distribution and sewer collection systems and in the construction, repair and maintenance of District facilities and grounds. The incumbent serves as lead worker in the absence of the Field Services Supervisor and may take charge of a small crew, but does not routinely exercise supervisory responsibility over other staff. This class differs from Field Services Worker I/II in that the incumbent is primarily responsible for the transport and operation of heavy equipment and must possess a valid Class A driver's license, and performs light welding.

Incumbent is subject to being assigned after hour, standby duty assignment, and other irregular hours.

### **SUPERVISION RECEIVED AND EXERCISED**

Supervised by:	Field Services Supervisor
Exercises supervision over:	no supervisory responsibility Exercises lead responsibility over Field Services Workers

### **ESSENTIAL DUTIES (*Duties may include, but are not limited to the following*):**

Transports and operates heavy equipment including backhoe, graders, bulldozers, dump trucks, compressors and ditch diggers; inspects and performs routine maintenance and routine repairs to equipment; inspects work area for underground and overhead wires, lines and obstacles.

Installs new or repairs existing water or sewer service mains and service lines; excavates mains with shovel and backhoe; shores excavation sites; sets up traffic control; installs cast-iron and steel pipe; flares and sweats copper pipe; places concrete forms and pours concrete; patches pavement with cement, asphalt, or gravel; maintains and repairs fire hydrants, valve caps, air vacs and valves.

Uses blueprints, pipe locator, leak detector and other electronic test equipment to locate water mains and leaks.

Operates and performs minor mechanical adjustments and repairs to light trucks, dump trucks, backhoes, forklifts, pneumatic digging and pavement breaking tools, concrete saws, rollers, and vibrating plates; recommends purchase of new equipment.

Operates arc and acetylene welding equipment, lays out work for fabrication or cutting from construction drawings or blueprints.

Performs a wide variety of manual labor when needed; washes, paints, oils, greases, brushes, adjusts and repairs tools and equipment.

May assist in the operation and maintenance of water distribution systems and perform preventive maintenance and semiskilled repairs to water distribution equipment; may adjust and exercise valves; may inspect, adjust, repair and operate pumps, motors, compressors, generators, ventilation fans, and other equipment; maintain records and log plant activities.

May perform duties associated with Field Services Worker II including meter reading.

When assigned to standby duty assignment may respond to customer service calls, SCADA computer alarms, and monitor and operate water and wastewater systems.

May be assigned to serve as designated Water Distribution System Shift Operator.

### **QUALIFICATIONS**

#### ***DEMONSTRATED KNOWLEDGE OF AND PERFORMANCE IN THE FOLLOWING AREAS:***

- Safe operation and maintenance of construction equipment;
- Purposes and safe use of various hand and power tools and equipment employed in basic repair and maintenance work;
- Principles, methods and tools employed in the installation, repair and maintenance of water mains and meters;
- Safe working practices necessary in working with hazardous materials and chemicals, trenches and enclosed areas;
- Basic plumbing and hydraulics;
- Principles and techniques of welding;
- Principles and practices of water treatment and disinfection;
- Principles and applicable state requirements relative to water treatment plant operations and water distribution systems.

#### ***ABILITY TO:***

- Operate of variety of light and heavy equipment;
- Use basic hand tools to perform minor repair and maintenance tasks;

- Apply appropriate safety precautions and procedures;
- Repair, install and maintain water mains, services, and valves;
- Complete welding projects to District standards;
- Perform basic mathematical computations;
- Understand and carry out oral and written instructions;
- Perform call back work as assigned;
- Establish and maintain cooperative working relationships with employees, supervisors, customers and the public;
- Understand water treatment plant operations and equipment.

***PHYSICAL AND SENSORY REQUIREMENTS***

- Sufficient strength to perform manual labor such as digging, shoveling, and sweeping;
- Sufficient eyesight to read standard text and data on computer terminal screens;
- Ability to speak and hear at normal conversational levels in person and over the telephone;
- Manual dexterity to use hand and power tools;
- Ability to reach, bend, stoop, or crouch to perform work;
- Ability to lift and carry up to forty (40) pounds of equipment and/or materials on a regular basis and one hundred (100) pounds on an occasional basis;
- Ability to perform sustained physical labor involving frequent bending, lifting, pushing, pulling, and turning;
- Ability to walk and stand on uneven and slippery surfaces;
- Exposure to outdoors, including inclement weather and high noise levels;
- Ability to operate mechanical equipment and trucks;
- Ability to travel to different sites and locations.

***TRAINING AND EXPERIENCE GUIDELINES***

*Any combination of training and experience, which demonstrates attainment of the required knowledge and ability to perform the required work (with reasonable accommodation, if needed), typically:*

***EDUCATION:*** High school graduation or equivalent is desirable.

***EXPERIENCE:*** Two (2) years experience as a Field Services Worker II OR Four (4) years in the construction, repair and maintenance of water or sewer systems, or road construction including a minimum of one year operating heavy equipment requiring a Class A license.

***CERTIFICATIONS, LICENSES, AND REGISTRATIONS***

A valid California Class A Driver’s License must be maintained at all times.

Possession of and continued maintenance of a State of California, Department of Health Services Water Treatment Certificate Grade T1 and Water Distribution System Certificate Grade D3