

# FRESNO UNIFIED SCHOOL DISTRICT

## Position Description

<b>TITLE:</b>	Boiler and Heating Equipment Mechanic	<b>REPORTS TO:</b>	Assigned Supervisor
<b>DEPARTMENT:</b>	Maintenance	<b>CLASSIFICATION:</b>	Classified
<b>FLSA:</b>	Non-Exempt	<b>WORK YEAR:</b>	261 Days
<b>BOARD APPROVAL:</b>	May 19, 2021	<b>SALARY:</b>	FTA – Trades Hourly Salary Schedule Grade M-69

### Basic Function:

Perform journey-level mechanical and electrical work in the inspection, service, installation, and repair of District boiler and heating systems and related equipment.

**REPRESENTATIVE DUTIES: (Persons employed in this position may perform any combination of the essential functions shown below. This position description is not intended to be an exhaustive list of all duties, knowledge or abilities with this classification, but is intended to accurately reflect the principal job elements.)**

Inspect and regulate hot water boilers and related systems and assure proper equipment operation. *E*

Install, repair and maintain boilers and heating systems; replace combustion controls, ignition, switches, aqua stats, dampers, gas regulators, burners, insulation, low water cutoff, pilot burner and other parts as necessary. *E*

Repair and replace boiler loop pumps, motor seals, couplings, and bearing assemblies. *E*

Adjust, maintain, and repair thermostats and controls, and valves. *E*

Operate and maintain a variety of specialized equipment related to the repair and maintenance of boilers and heating systems; drive a vehicle to conduct work. *E*

Repair vacuum and condenser systems. *E*

Repair and replace controls and traps on steam radiators; repack valves. *E*

Prepare and maintain a variety of routine records and reports.

Perform maintenance on equipment as necessary.

Perform related duties as assigned.

**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: graduation from high school and training equivalent to Boiler and Heating Mechanic apprenticeship program and five years journey-level boiler and heating systems experience.

**LICENSES AND OTHER REQUIREMENTS:**

Valid California driver's license; successfully pass a Class B physical exam.

**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Boiler and fired pressure vessel safety procedures.

Laws, codes, rules and regulations related to assigned activities.

Safe and proper operation of steam and hot water boilers.

Operation, repair and maintenance procedures for boiler loop pumps, vacuum pumps, steam traps, controls and related heating equipment.

Technical aspects of the building maintenance trades.

**ABILITY TO:**

Perform journey-level mechanical and electrical work in the inspection, service, installation, repair and of District boiler and heating systems and related equipment.

Operate, repair and maintain boiler controls, such as combustion controls, relays, aquastat pressure switches and related equipment.

Adjust and replace motors, pumps and conduct safety tests.

Operate tools and equipment used in boiler and heating system maintenance work.

Operate, adjust and service specialized equipment used in the basic trade.

Maintain routine records.

Learn District related operations, policies and objectives.

Analyze situations accurately and adopt an effective course of action.

Plan and organize work.


Observe legal and defensive driving practices.

**WORKING CONDITIONS:**

**ENVIRONMENT:**

Indoor work environment; subject to heat and fumes and noise from heating.

**PHYSICAL ABILITIES:**

Kneeling; walking and standing for extended periods of time; bending at the waist; kneeling or crouching; reaching overhead, above the shoulders and horizontally; hearing and speaking to exchange information; dexterity of hands and fingers to operate specialized equipment;  lifting heavy objects.

HAZARDS:

Electrical power supply and high voltage; working in a cramped or restrictive work chamber; exposure to vapors, chemicals and fumes.

Fresno Unified School District is an Equal Opportunity Employer and reasonable accommodations are made under the Americans with Disability Act as required by law.

***E = Essential Functions***