

**CLARK COUNTY SCHOOL DISTRICT
HUMAN RESOURCES DIVISION**

BOILER EQUIPMENT TECHNICIAN

Class Code: 7000

Job Family: Skilled Trades/Technician

Classification: Support Staff

Terms of Employment: Pay Grade 54 on the Support Staff Salary Schedule

FLSA STATUS: NON-EXEMPT

POSITION SUMMARY:

Under general supervision, installs and repairs boilers primary control systems and other pressure vessel components.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

This list of Essential Duties and Responsibilities is not exhaustive and may be supplemented.

1. Installs and/or replaces boiler safety systems and components.
2. Troubleshoots malfunctions (i.e., electrical, gas, pneumatic, water, steam, etc.) in boiler systems.
3. Determines needed repairs on boilers and related parts.
4. Repairs leaking boiler tubes by re-rolling, re-tubing, or beading.
5. Makes repairs on high voltage systems, electrical, and high temperature systems.
6. Repairs, rebuilds, and replaces pumps, gages, and mechanical, electrical, and pneumatic valves.
7. Cleans and repairs pressure vessels on heating and water systems.
8. Repairs manhole and handhole rings, covers, piping, and other pressure parts of boiler systems.
9. Removes manhole and handhole plates and washes out boilers.
10. Checks fluid distribution (i.e., natural and liquefied petroleum (LP) gas, steam, hot water, oil, diesel, etc.) systems for leaks, repair, or replacement.
11. Performs preventive maintenance on boiler systems and pressure vessels.
12. Conforms to safety standards, as prescribed.
13. Performs other tasks related to the position, as assigned.

DISTINGUISHING CHARACTERISTICS:

Involves troubleshooting and repairing defects in boiler systems and pressure vessels.

KNOWLEDGE, SKILLS, AND ABILITIES (Position Expectations):

1. Knowledge of high voltage, electrical, and temperature systems.
2. Knowledge of asbestos abatement policies and procedures.
3. Knowledge of federal, state, county, Clark County School District requirements, and the American Society of Mechanical Engineers (ASME) safety codes.
4. Knowledge of practices and procedures of boilermaker trade.
5. Knowledge of practices of heating equipment trade.
6. Knowledge of safety systems on boilers.
7. Ability to learn and apply operating procedures.
8. Ability to meet predetermined deadlines.
9. Ability to work independently.
10. Ability to read and interpret written and/or oral instructions.
11. Ability to interpret technical instructions, plans, and specifications.
12. Ability to troubleshoot systems.
13. Ability to plan and organize work.
14. Ability to perform strenuous and physical work.
15. Ability to operate hand and power tools and equipment.
16. Ability to safely move and relocate heavy objects.
17. Ability to work flexible hours or shifts.
18. Ability to work in confined areas.
19. Ability to withstand heights and perform work safely.

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20. Ability to work cooperatively with employees and the public.
21. Ability to recognize and report hazards and apply safe work methods.
22. Possess physical and mental stamina commensurate with the responsibilities of the position.

POSITION REQUIREMENTS:

Education, Training, and Experience:

1. High school graduation or other equivalent (i.e., General Educational Development (GED), foreign equivalency, etc.).
2. Completion of apprenticeship or journeyman certification as a boiler equipment technician/boilermaker; or, Four (4) years experience as a boiler equipment technician/boilermaker.

Licenses and Certificates:

1. A valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada. License must be maintained for the duration of the assignment.
2. Copy of current driving history issued by the Department of Motor Vehicles at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.

Preferred Qualifications:

None Specified

DOCUMENT(S) REQUIRED AT TIME OF APPLICATION:

1. High school transcript or other equivalent (i.e., GED, foreign equivalency, etc.).
2. Apprenticeship and/or journeyman certificate/card, if applicable.
3. A valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
4. Copy of current driving history issued by the Department of Motor Vehicles.
5. Specific documented evidence of training and experience to satisfy qualifications.

EXAMPLES OF ASSIGNED WORK AREAS:

Clark County School District facilities - boiler rooms and mechanical equipment rooms, etc.

WORK ENVIRONMENT:

Strength: Medium/Heavy - Exert force 50-100 lbs., occasionally; 25-50 lbs., frequently; or 10-20 lbs. constantly.

Physical Demands: Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, climbing, crouching, reaching, handling, and repetitive fine motor activities. Mobility to work in a typical office setting and use standard office equipment. Stamina to remain seated and maintain concentration for an extended period of time. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. Vision: Frequent near and far acuity, and color vision. Vision to read printed and online materials, a Video Display Terminal (VDT) screen, or other monitoring devices.

Environmental Conditions: Varies from climate-controlled office setting to work outdoors with temperatures ranging from mild/moderate to extreme cold/heat. Exposure to noise levels ranging from moderate to loud for occasional to frequent time periods.

Hazards: Furniture, playground/office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

EXAMPLES OF EQUIPMENT/SUPPLIES USED TO PERFORM TASKS:

District-issued vehicles, electrical gas valves, boiler air switch safeties, electrical control wire, air conditioning (A/C) magnetic contact, gas flex lines, low water controls, manual gas cocks, steam traps, water thermometer, gas pressure regulators, and pressure gauges, etc.

AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER

This employer does not knowingly discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, age, disability, or national origin.

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