

Boiler Equipment Technician – Entry-Level

Position Details

Class Code: 7005

Job Family: Skilled Trades/Technician

Classification: Support Professional

Terms of Employment: [Pay Grade 52 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under direct supervision, assists with the installation, maintenance, and repair of 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. Assists with installing and replacing boiler safety systems and components.
2. Assists with troubleshooting boiler system malfunctions (electrical, gas, pneumatic, water, steam, etc.).
3. Assists with repairing boiler tube leaks by re-rolling, re-tubing, or beading.
4. Assists with repairing, rebuilding, and replacing pumps, gauges, and mechanical, electrical, and pneumatic valves.
5. Assists with cleaning and repairing pressure vessels on heating and water systems.
6. Assists with repairing manhole and handhole rings, covers, piping, and other pressure parts of boiler systems.
7. Removes manhole and handhole plates and washes out boilers.

8. Assists with checking fluid distribution systems for leaks (natural and liquefied petroleum (LP) gas, steam, hot water, oil, diesel, etc.) and determining repair or replacement needs.
 9. Assists with preventive maintenance on boiler systems and pressure vessels.
 10. Conforms to safety standards, as prescribed.
 11. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Involves assisting with troubleshooting and repairing defects in boiler systems and pressure vessels through on-the-job training and hands-on experience.

Knowledge, Skills, and Abilities (Position Expectations)

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

22. Ability to recognize and report hazards and apply safe work methods.
 23. Possess physical and mental stamina commensurate with the responsibilities of the position.
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Position Requirements

Education, Training, and Experience

1. High school graduation or other equivalent (General Educational Development [GED], foreign equivalency, etc.).
2. Any combination of technical training and/or experience in the boiler equipment field totaling two (2) years (experience as a CCSD Skilled Trades Assistant (STA) in the boiler equipment field, etc.).

Licenses and Certifications

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. Current driving history (dated within six [6] months from the date printed) issued by the Department of Motor Vehicles (DMV) at the time of application or Qualified Selection Pool (QSP) placement and at the time of interview prior to final selection.
3. Safe driving record. Safe driving record must be maintained for the duration of the assignment.

Preferred Qualifications

Apprenticeship and/or Journeyman certificate/card.

Document(s) Required at Time of Application

1. High school transcript or other equivalent (GED, foreign equivalency, etc.).
 2. Copy of a valid driver's license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
 3. Copy of current driving history (dated within six [6] months from the date printed) issued by the DMV.
 4. Safe driving record.
 5. Specific documented evidence of training and experience to satisfy qualifications.
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Examples of Assigned Work Areas

CCSD facilities - boiler and mechanical equipment rooms, etc.

Work Environment

Strength

Medium/heavy - exert force of 50-100 lbs., occasionally; 25-50 lbs., frequently; or 10-25 lbs. constantly.

Physical Demand

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, Video Display Terminal screens, 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

CCSD-issued/personal vehicle, electrical gas valves, boiler air switch safety devices, 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, pressure gauges, safety/PPE (gloves, safety glasses, respirator, etc.).

AA/EOE Statement

The Clark County School District is proud to be an equal opportunity employer. The Clark County School District is committed to providing all applicants and employees equal employment opportunities without regard to race, color, religion, sex, gender identity or expression, sexual orientation, national origin, genetics, disability, age, military status, or other characteristics protected by applicable law. Here at Clark County School District, we are a diverse group of people who honor the differences that drive innovative solutions to meet the needs of our students and employees. We believe that through a culture of inclusivity, we have the power to reflect the community we serve.

Job Revision Information

- Revised: 10/09/25
- Created: 06/08/17