

Clark County School District

CLASS TITLE: BOILER EQUIPMENT TECHNICIAN
(Boilermaker)

Class Code: 7000
Grade: 54

CLASS DEFINITION AND SUMMARY:

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

ESSENTIAL TASKS OF THE POSITION: (Illustrative, not inclusive)

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

Knowledge of high voltage, electrical and temperature systems.
Knowledge of asbestos abatement policies and procedures.
Knowledge of federal, state, county, Clark County School District requirements, and the American Society of Mechanical Engineers safety codes.
Knowledge of practices and procedures of boilermaker trade.
Knowledge of practices of heating equipment trade.
Knowledge of safety systems on boilers.
Ability to learn and apply operating procedures.
Ability to meet predetermined deadlines.
Ability to work independently.
Ability to read and interpret written and/or oral instructions.
Ability to interpret technical instructions, plans and specifications.
Ability to troubleshoot systems.
Ability to plan and organize work.
Ability to perform strenuous, physical work.
Ability to operate hand and power tools and equipment.
Ability to safely move and relocate heavy objects.
Ability to work flexible hours or shifts.
Ability to work in confined areas.
Ability to withstand heights and perform work safely.
Ability to work cooperatively with employees and the public.
Ability to recognize and report hazards and apply safe work methods.

QUALIFICATIONS:

TRAINING AND EXPERIENCE:

High school graduation or other equivalent (i.e., GED, college, technical, or trade school transcript, foreign equivalency, etc.).
Completion of apprenticeship or journeyman certification as a boiler equipment technician/boilermaker; or,
Four (4) years experience as a boiler equipment technician/boilermaker, plus successful completion of a district administered boiler equipment technician exam.

QUALIFICATIONS: (continued)

TRAINING AND EXPERIENCE: (continued)

Note: Successful completion of the district administered exam and specific documented experience/training will be recognized in lieu of apprenticeship/journeyman certification for Clark County School District purposes, only.

LICENSES AND CERTIFICATES:

Valid Nevada Class C Driver's License. Must be maintained for the duration of the assignment.

Copy of driving history record issued by the Department of Motor Vehicles at time of application or Qualified Selection Pool (Q.S.P.) placement **and** at time of interview prior to final selection.

Apprenticeship or journeyman certificate/card, if applicable.

DOCUMENT (S) REQUIRED AT TIME OF APPLICATION:

1. High school graduation or other equivalent (i.e., GED, college, technical, or trade school transcript, foreign equivalency, etc.).
2. Valid Nevada Class C Driver's License.
3. Copy of driving history record issued by the Department of Motor Vehicles.
4. Apprenticeship and/or journeyman certificate/card, if applicable.
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.

Strength: Medium/Heavy - Exert force 50-100 lbs. occasionally, 25-50 lbs. frequently, or 10-20 lbs. constantly. May involve significant stand/walk/push/pull/carry.

Physical Demands: Frequent stooping, climbing, balancing, kneeling, crouching, reaching, handling, hearing, fingering and feeling. Occasional talking. Vision: Frequent near and far acuity, depth perception, focal length change and color vision.

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 and occasional to frequent time periods.

EXAMPLES OF EQUIPMENT/SUPPLIES USED TO PERFORM TASKS:

Electrical gas valves, boiler air switch safeties, electrical control wire, A.C. magnetic contact, gas flex lines, low water controls, manual gas cocks, steam traps, water thermometer, gas pressure regulators, and pressure gauges.

Individuals with a disability who require reasonable accommodation(s) during any step of the screening process or who have questions about qualifications should notify a representative in Support Staff Personnel. Notification may be made in person, in writing, or by calling: (702) 799-5334 (V) or (702) 799-0217 (TDD).

12/01/87

Revised: (08/29/91; 01/03/95; 10/29/96; 07/15/05)