

Building Engineer I

Position Details

Class Code: 7119

Job Family: Skilled Trades/Technician

Classification: Support Professional

Terms of Employment: [Pay Grade 50 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under general supervision, acts as first responder to facility problems and work requests. Operates, monitors, diagnoses, maintains, and repairs mechanical, electrical, and plumbing systems at elementary school sites or other specialized facilities according to Facilities Management Department guidelines.

Essential Duties and Responsibilities

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

1. Operates, monitors, and services mechanical, electrical and plumbing systems (i.e., heating, ventilation, air-conditioning, refrigeration (HVACR), chillers, boilers, pneumatic controls, toilets/urinals, valves, vacuum breakers, etc.)
2. Services, repairs, and replaces fuses, ballasts, filters, interior/exterior fixtures, belts, thermostats, etc.
3. Performs diagnostics on mechanical, electrical, and plumbing devices/systems.
4. Initiates facility work requests for equipment installations/repairs.
5. Schedules approved maintenance activities to facilitate special functions at elementary school sites or other specialized facilities.
6. Serves as liaison between the Facilities Management Department, school administrators, contractors, and outside agencies.

7. Monitors new equipment installation work performed by contractors; reports performance status to Facilities Management Department supervisors.
 8. Monitors, operates, and repairs energy management systems (EMS).
 9. Routinely inspects mechanical/electrical equipment; advises maintenance supervisors of potential malfunctions, safety hazards, and necessary maintenance.
 10. Assists in maintaining accurate as-built drawings and records.
 11. Responsible for the safe handling and disposal of hazardous materials.
 12. Performs scheduled preventive maintenance duties.
 13. Performs emergency repairs on door hardware.
 14. Conforms to safety standards, as prescribed.
 15. Performs other tasks related to the position, as assigned.
-

Distinguishing Characteristics

Repairs/maintains elementary schools or other specialized facilities according to Facilities Management Department guidelines.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of building construction.
2. Knowledge of mechanical, electrical, and plumbing systems.
3. Ability to recognize, understand, interpret, and apply all local, state, and national codes/regulations, including Uniform Building Code (UBC), Uniform Mechanical Code (UMC), Uniform Plumbing Code (UPC), National Electrical Code (NEC), and Environmental Protection Agency (EPA).
4. Ability to judge when to act independently and when to refer situations to an administrator.
5. Ability to interpret written and verbal instructions.
6. Ability to apply technical instructions and operating procedures.
7. Ability to operate, maintain, and keep inventory of hand/power tools and equipment.
8. Ability to use a computer as an analytical tool.
9. Ability to meet predetermined deadlines.
10. Ability to perform strenuous, physical work.
11. Ability to safely move and relocate heavy objects.
12. Ability to read/interpret blueprints, specifications, and plans.

13. Ability to work flexible hours/shifts.
 14. Ability to work in confined areas.
 15. Ability to withstand heights and perform work safely.
 16. Ability to work cooperatively with employees, contractors, vendors, and students.
 17. Ability to recognize/report hazards and apply safe work methods.
 18. 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. One (1) year of experience in operating, maintaining, and repairing mechanical, electrical, or plumbing systems.

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. Copy of current driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicles (DMV) at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.
3. Boiler Monitor Certificate. If not in possession at time of application, certificate must be obtained within five (5) months of hire date. Certification must be maintained for duration of assignment.
4. Certification as a Universal Refrigerant Handler in accordance with EPA regulations (40 CFR Part 82, Subpart F) under Section 608 of the Clean Air Act. If not in possession at time of application, certification must be obtained within five (5) months of hire date. Certification must be maintained for duration of assignment.

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. 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. Boiler Monitor Certificate, if applicable.
 5. Universal Refrigerant Handler Certification, if applicable.
 6. Specific documented evidence of training and experience to satisfy qualifications.
-

Examples of Assigned Work Areas

Clark County School District facilities - travel to/from elementary schools or other specialized facilities (classrooms, cafeterias, restrooms, boiler rooms, etc.), offices, facility rooftops, construction sites, etc.

Work Environment

Strength

Medium/heavy - exert force of 50-100 lbs., occasionally; 25-50 lbs., frequently; 10-20 lbs. constantly.

Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stopping, 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 settings 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/personal vehicles, equipment monitoring/adjustment devices, computers, pressure control regulators, power snakes, hand/electric saws, tubing and pipe cutters, leak detection equipment, flow meters, air compressors, wire cutters, screwdrivers, grinders, channel lock pliers, wrenches, punches, two-way radios, chisels, 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: 08/02/23
- Created: 06/17/19