

# Building Engineer – Student Worker

## Position Details

Class Code: 7117

Job Family: Student Worker - Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: Pay Grade N/A (Not on the Support Professional Salary Schedule)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under immediate supervision of Clark County School District (CCSD) employees, receives training on how to respond to facility problems and work requests. May operate, monitor, diagnose, and perform routine maintenance/repairs on mechanical, electrical, and plumbing systems at elementary schools or other specialized facilities according to Maintenance Department guidelines.

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## Essential Duties and Responsibilities

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

1. May assist in operating, monitoring, and servicing mechanical, electrical, and plumbing systems (heating, ventilation, air-conditioning, refrigeration (HVACR), chillers, boilers, pneumatic controls, toilets/urinals, valves, vacuum breakers, etc.).
2. May assist in servicing, repairing, and replacing fuses, ballasts, filters, interior/exterior fixtures, belts, thermostats, etc.
3. May assist with diagnostic tests on mechanical, electrical, and plumbing devices/systems.

4. May assist with maintenance activities to facilitate special events at elementary schools or other specialized facilities.
  5. Observes equipment installation work and performance status reporting.
  6. May assist in monitoring, operating, and repairing facility energy management systems (EMS).
  7. May assist in maintaining accurate as-built drawings and records.
  8. May assist in safely handling and disposing of hazardous materials.
  9. May assist with scheduled preventive maintenance.
  10. May assist with emergency door hardware repairs.
  11. Conforms to safety standards, as prescribed.
  12. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Learns to work in the building trades through on-the-job training and experience; observes repairs and maintenance at elementary schools or other specialized facilities according to Maintenance Department guidelines.

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## **Knowledge, Skills, and Abilities (Position Expectations)**

1. Ability to gain general knowledge of building construction and mechanical, electrical, and plumbing systems.
2. 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) guidelines.
3. Ability to judge when to act independently and when to refer situations to an administrator.
4. Ability to learn to interpret and apply technical instructions and operating procedures.
5. Ability to learn to read and interpret written/verbal instructions.
6. Ability to learn how to operate, maintain, and keep inventory of hand/power tools and equipment.
7. Ability to learn how to use a computer as an analytical tool.
8. Ability to learn how to meet predetermined deadlines.
9. Ability to learn how to perform strenuous, physical work.
10. Ability to learn how to safely move heavy objects.

11. Ability to learn how to read and interpret blueprints, specifications, and plans.
  12. Ability to learn how to work in confined areas.
  13. Ability to learn how to withstand heights and perform work safely.
  14. Ability to learn how to work cooperatively with employees, contractors, vendors, and other students.
  15. Ability to learn how to recognize and report hazards and apply safe work methods.
  16. Possess physical and mental stamina commensurate with the responsibilities of the position.
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## **Position Requirements**

### **Education, Training, and Experience**

1. Current CCSD student in grade 11 or 12.
2. Current grade point average (GPA) above 2.0.
3. School and Family Agreement Form from your school counselor.
4. Students must be able to provide their own transportation.

\* This temporary position is not on the Support Professional Salary Schedule.

\* Incumbents will be compensated the current Nevada hourly minimum wage rate.

\* There are no benefits attached to this position.

### **Licenses and Certifications**

Hold or be able to obtain Occupational Safety and Health Administration (OSHA) 10 certification. If certification is not in possession at time of application or qualified selection pool (QSP) request, it must be obtained within five (5) months of hire into the position. Certification must be maintained for duration of-assignment. Certification can be obtained online or in-person. A copy of the certification must be uploaded into the application.

### **Preferred Qualifications**

None specified.

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## **Document(s) Required at Time of Application**

1. Proof of CCSD grade 11 or 12 enrollment and GPA above 2.0.
2. Completed and signed School and Family Agreement Form, which must be uploaded into the application.

3. Proof of OSHA 10 certification, if applicable.
  4. Specific documented evidence of training and experience to satisfy qualifications.
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## Examples of Assigned Work Areas

CCSD facilities – travel to/from elementary schools or other specialized facilities (classrooms, cafeterias, restrooms, boiler rooms, etc.), offices, facility rooftops, construction sites, etc.

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## Work Environment

### Strength

Medium - exert force of 25-50 lbs., occasionally; 10-25 lbs., frequently; up to 10 lbs. constantly.

### Physical Demand

Frequent sitting, standing, walking, pushing, pulling, stooping, kneeling, crouching, reaching, handling, and repetitive fine motor activities. Hearing and speech to communicate in person, via video conference and computers, or over the telephone. 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. Vision: Frequent near acuity, occasional far acuity, and color vision. Vision to read printed and online materials, Video Display Terminal (VDT) screens, 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, office equipment, communicable diseases, chemicals and fumes (as related to specific assignment), and power/hand-operated equipment and machinery (as related to specific assignment).

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## Examples of Equipment/Supplies Used to Perform Tasks

Equipment monitoring/adjustment devices, computers, pressure control regulators, power snake, assorted hand/electric saws, tubing/pipe cutters, leak detection equipment, flow meters, air compressors, wire cutters, screwdrivers, grinders, channel lock pliers, wrenches, punches, two-way radios, chisels, etc.

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### **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: 01/25/24
- Created: 10/26/21