

Electrician

Position Details

Class Code: 7010

Job Family: Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: [Pay Grade 55 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under general supervision, plans, installs, and repairs wiring, electrical fixtures, control equipment, and other electrical components.

Essential Duties and Responsibilities

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

1. Tests safety components and functions of electrical equipment.
2. Tests and troubleshoots energized systems; repairs motors, controls, overload relays, pressure switches, transformers, generators, emergency power systems, light plants, lighting circuits, fixtures, switches, ground circuits, and circuit wiring.
3. Installs switches, relays, circuit breakers, electrical control apparatuses, computer raceways/cables, fiber optic telecommunications wiring, distribution apparatuses, power panels, power distribution cables, buss ducts, and other electrical equipment (vocational shop, theater lighting, athletic field security/exterior lighting equipment, etc.).
4. Connects wiring to power equipment, fuse/breaker panels, electrical outlets, and circuit wiring.
5. Plans new installations and modifications to minimize material waste, provide maintenance access, and avoid hazardous, unsightly, unreliable wiring or conduit/raceways.
6. Coordinates work with school activities, other trades, and public utilities.

7. Inspects/calibrates limit switches, drive motors, and related electrical equipment.
 8. Inspects new equipment installations performed by contractors; reports performance status to maintenance supervisors.
 9. Instructs and/or directs Skilled Trades Assistants, when assigned.
 10. Assists Facility Planning in maintaining accurate as-built drawings and records.
 11. Assists the Crane Operator in rigging and placing equipment.
 12. May perform First Aid and/or Cardiopulmonary Resuscitation/Automated External Defibrillator (CPR/AED), when necessary.
 13. Conforms to safety standards, as prescribed.
 14. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Involves diagnosing electrical faults and install/repair wiring, fixtures, control equipment, and other electrical components.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of electrical lockout-tagout procedures per Occupational Safety and Health Administration (OSHA) guidelines.
2. Knowledge of electrical trade practices and procedures, including safety measures.
3. Knowledge of First Aid, CPR/AED, and Universal Precautions.
4. Ability to troubleshoot electrical systems.
5. Ability to recognize, understand, and interpret local, state, federal, and national codes/regulations including, but not limited to: International Building Code (IBC), Uniform Mechanical Code (UMC), Uniform Plumbing Code (UPC), National Fire Protection Association (NFPA), National Electrical Code (NEC), etc.
6. Ability to operate hand/power tools and equipment.
7. Ability to learn and apply operating procedures.
8. Ability to read and interpret blueprints, schematics, and specifications.
9. Ability to read and interpret written and verbal instructions.
10. Ability to meet predetermined deadlines.
11. Ability to perform strenuous and physical work.
12. Ability to safely move and relocate heavy objects.
13. Ability to work flexible work hours or shifts.
14. Ability to work in confined areas and sustain long periods of bending.

15. Ability to withstand heights and perform work safely.
 16. Ability to work cooperatively with employees, vendors, and the public.
 17. Ability to recognize and report hazards and apply safe work methods.
 18. 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. Completion of apprenticeship as an electrician; or, Any combination of electrician technical education in a classroom setting and/or electrical field experience totaling four (4) years.

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.
4. Current, valid journeyman certificate/card. Certification must be maintained for duration of assignment.
5. Current First Aid and CPR/AED certificates from the American Heart Association, American Red Cross, or similar organization. Certifications must be maintained for the duration of the assignment. Certification training must be in-person and include a hands-on component. Online courses will not be accepted. A copy of the front and back of the First Aid and CPR/AED certificates must be uploaded into the application.
6. Clark County School District (CCSD) forklift certification. If certification is not in possession at time of application or QSP request, it must be obtained within five (5) months of hire into position. Certification must be maintained for the duration of the assignment.

7. Copy of OSHA 10 certification. If certification is not in possession at time of application or QSP request, it must be obtained within five (5) months of hire into position. Certification must be maintained for the duration of the assignment.

Preferred Qualifications

None specified.

Document(s) Required at Time of Application

1. High school transcripts 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. Safe driving record. Safe driving record must be maintained for the duration of the assignment
 4. Safe driving record.
 5. Current, valid journeyman certificate/card.
 6. Current First Aid certificate as indicated above. A copy of the front and back of the First Aid certificate must be uploaded into the application.
 7. Current CPR/AED certificate as indicated above. A copy of the front and back of the CPR/AED certificate must be uploaded into the application.
 8. CCSD-issued forklift certification as indicated above, if applicable.
 9. Copy of OSHA 10 certification, if applicable.
 10. Specific documented evidence of training and experience to satisfy qualifications.
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Examples of Assigned Work Areas

CCSD facilities - offices, schools (classrooms, cafeterias, restrooms, corridors, gymnasiums, locker rooms, 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, 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 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

Frequent electrical shock 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

Forklifts and aerial work platforms, pallet jacks, hydraulic crimp tools, electrical hand tools, electric drill motors and saber saws, vices and pipe vices, pipe threaders, pipe benders, hydraulic knock-out punches, wire pulling machines, trailers, safety equipment, lockouts and tags, 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: 01/31/24
- Created: 12/01/87