

Cross-Connection System Control Specialist (Backflow Prevention)

Position Details

Class Code: 7032

Job Family: Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: [Pay Grade 56 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under general supervision, implements and maintains the State of Nevada Cross-Connection Control Program for all Clark County School District facilities.

Essential Duties and Responsibilities

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

1. Installs and repairs Backflow Prevention Assemblies (BFPA) and related plumbing components.
2. Orders and maintains stock of BFPA repair items.
3. Studies building plans and drawings to determine materials requirements and installation sequence.
4. Inspects facilities to identify cross-connections.
5. Determines which BFPA to install to protect against cross-connections.
6. Tests approved assemblies using specific procedures.
7. Prepares and maintains detailed, defensible records of all assemblies at CCSD facilities.
8. Reviews and provides input regarding plans for compliance with backflow prevention requirements, construction standards, and approved materials.

9. Communicates and assists with other county, city, and state agencies regarding inspections and compliance issues.
 10. Installs and repairs plumbing fixtures (water heaters, showers, hot water tanks, disposal units, dishwashers, water softeners, garbage can washers, etc.).
 11. Inspects structures to ascertain obstructions to be avoided in order to prevent structural weakening resulting from pipe installation.
 12. Repairs and maintains plumbing by replacing washers, mending burst pipes, and opening clogged drains.
 13. Repairs and/or replaces tubing, gas heating fixtures, furnaces, regulators, controls, pumps, etc.
 14. Instructs and/or directs the daily activities of Skilled Trade Assistants (STAs), when assigned.
 15. Responsible for the handling and disposal of hazardous materials.
 16. Conforms to safety standards, as prescribed.
 17. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Involves skilled work in assembling, installing, repairing, and testing Backflow Prevention Assemblies and other plumbing systems.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of plumbing practices and codes.
2. Ability to read and interpret blueprints, specifications, and plans.
3. Ability to recognize, understand, interpret, and apply all local, state, federal, and national codes and regulations including, but not limited to: Uniform Building Code (UBC), Uniform Mechanical Code (UMC), Uniform Plumbing Code (UPC), American Water Works Association (AWWA), National Fire Protection Association (NFPA), American Society of Mechanical Engineers (ASME), Americans with Disabilities Act (ADA), International Conference of Building Officials (ICBO), etc.
4. Ability to troubleshoot plumbing systems.
5. Ability to track and locate plumbing systems
6. Ability to learn and apply operating procedures.
7. Ability to read and interpret written/verbal instructions.
8. Ability to meet predetermined deadlines.

9. Ability to operate and maintain hand and power tools.
 10. Ability to plan and organize work.
 11. Ability to perform strenuous and physical work.
 12. Ability to work in confined spaces.
 13. Ability to work flexible hours/shifts.
 14. Ability to withstand heights and perform work safely.
 15. Ability to work cooperatively with employees, students, and the public.
 16. Ability to recognize and report hazards and apply safe work methods.
 17. 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 Education Development (GED), foreign equivalency, etc.).
2. Completion of apprenticeship or journeyman certification as a plumber.

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. Apprenticeship and/or journeyman certificate/card.
5. AWWA Certification.

Preferred Qualifications

1. Experience as a Backflow Prevention Technician.
 2. Confined Space Entry Certification.
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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. Apprenticeship and/or journeyman certificate/card.
 6. AWWA Certification.
 7. Specific documented evidence of training and experience to satisfy qualifications.
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Examples of Assigned Work Areas

CCSD facilities – offices and schools (classrooms, restrooms, kitchens, locker rooms, etc.), construction sites, open trenches, chase-ways, existing buildings under renovations, 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, 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 a 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

Pipes, torches, pipe-threading machines, pipe benders, jackhammers, hydraulic and air-powered tools, and other trade-related tools.

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: 01/16/24
- Created: 10/14/02