CROSS CONNECTION 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, maintains and implements the State of Nevada Cross Connection Control Program for all Clark County School District facilities.

Essential Duties and Responsibilities
This 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 material requirements and sequence of installations.
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 and defensible records of all assemblies at District 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 (i.e., water heaters, showers, hot water tanks, disposal units, dishwashers, water softeners and garbage can washers, etc.).
11. Inspects structures to ascertain obstructions to be avoided to prevent weakening of structure resulting from installation of pipe.
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.

Distinguishing Characteristics
Involves skilled work in assembling, installing, repairing, and testing of Back Flow 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 procedure.
7. Ability to read and interpret written and/or oral 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 and 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 (i.e., General Educational 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. Copy of driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicles at time of application or Qualified Selection Pool (QSP) placement and at time of interview prior to final selection.
3. Apprenticeship and/or journeyman certificate/card.

**Preferred Qualifications**

1. Experience as a Backflow Prevention Technician.
2. Confined Space Entry Certification.
Document(s) Required at Time of Application

1. High school transcript or other equivalent (i.e., GED, foreign equivalency, etc.).
2. Apprenticeship and/or journeyman certificate/card.
3. A valid driver’s license that allows the applicant/employee to legally operate a motor vehicle in Nevada.
4. Current copy of driving history (dated within six (6) months from the date printed) issued by the Department of Motor Vehicle.
5. American Water Works Association Certification.
6. Specific documented evidence of training and experience to satisfy qualifications.

Examples of Assigned Work Areas

Clark County School District facilities – offices and schools (i.e., classrooms, restrooms, kitchens, locker rooms, etc.), construction sites, open trenches, chase ways, existing buildings under renovations, etc.

Work Environment

Strength
Strength: Medium – Heavy - Exert force 50-100 lbs., occasionally; 25-50 lbs., frequently; or 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 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 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 and 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, pipes, torches, pipe-threading machines, pipe benders, jackhammers, hydraulic and air-powered tools, and other tools related to the trade.

AA/EOE Statement
This employer does not knowingly discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity or expression, age, disability, or national origin.

Job Revision Information
- Revised: 03/03/20
- Created: 10/14/02