

# Fire Sprinkler Technician

## Position Details

Class Code: 7031

Job Family: Skilled Trades/Technicians

Classification: Support Professional

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

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general supervision, inspects, installs, tests, repairs, and maintains records for life-safety and water-based fire protection systems according to specifications and code requirements.

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## Essential Duties and Responsibilities

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

1. Conducts mandated inspections and testing of water-based fire protection systems; tests systems using prescribed procedures according to National Fire Protection Association (NFPA) guidelines.
2. Maintains records of all inspections, testing, repairs, and system impairments.
3. Schedules and coordinates activities (inspections, repairs, and tests) with facilities' staff and school police to ensure minimal conflicts; coordinates life safety systems shutdown with the Clark County Fire Department.
4. Communicates and assists with other county, city, and state agencies regarding compliance issues such as inspections, testing, and emergency repairs.
5. Trains custodians and building engineers building managers to follow quarterly test procedures and complete monthly checklists as required by State Fire Marshal.

6. Repairs or contacts, coordinates, and schedules repairs by outside contractors to correct deficiencies (replacing fire sprinklers, deteriorating pipes and mains, relocating piping, etc.).
  7. Monitors, inspects, and keeps management abreast of contracted work services for conformance to specifications and code requirements for work on fire protection systems in construction and alteration projects.
  8. Studies and reviews plans and specifications to determine required materials and/or sequence of installations; prepares cost estimates for labor and materials for proposed projects; purchases equipment and materials, as necessary, to complete job assignments.
  9. Inspects, troubleshoots, repairs, and/or replaces electrical alarm sensors, alarm valves, dry fire sprinkler systems, fire hydrants, and wet and anti-freeze sprinkler systems.
  10. Locates test connections, risers, sprinkler locations, and alarm panels to conduct testing of facility.
  11. Inspects structures to ascertain obstructions to be avoided to prevent loss of system or facility protection.
  12. Locates and marks position pipe and pipe connection passage holes for pipes in walls and floors; cuts and threads pipe using pipe cutters, cutting torch, and/or pipe-threading machines; solders, brazes, and glues pipe, pipefitting, and related materials.
  13. Instructs and/or directs the daily activities of skilled trades assistants (STAs), when assigned.
  14. Responsible for the handling and disposal of hazardous materials.
  15. Conforms to safety standards, as prescribed.
  16. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

Involves skilled work in the inspection, installation, testing, and repair of life safety, water-based, fire protection systems.

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

1. Knowledge of fire protection systems and plumbing codes, specifications, and practices.
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: Universal Building Code (UBC), Uniform Mechanical Code (UMC), Universal Plumbing Code (UPC), National Fire Protection Association (NFPA), American Society of Mechanical Engineers (ASME) Americans with Disabilities Act (ADA), etc.
  4. Ability to troubleshoot all types of water-based fire protection systems and plumbing systems.
  5. Ability to prepare detailed reports and cost estimates.
  6. Ability to learn and apply operating procedures.
  7. Ability to read and interpret written and/or 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, physical work.
  12. Ability to work in confined areas.
  13. Ability to work flexible hours or shifts.
  14. Ability to withstand heights and perform work safely.
  15. Ability to work cooperatively with employees, students, other agencies, 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 fire sprinkler technician; or,  
Five (5) years of work experience under the supervision of a certified journeyman fire sprinkler technician.

### **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, if applicable.
5. Nevada State Fire Marshal Certificate of Registration, Type "G" Automatic Fire Sprinkler System.
6. Aerial Work Platform Certification. Certification must be maintained for the duration of assignment. If certification is not in possession at the time of application, it must be obtained within five (5) months of hire date.

### **Preferred Qualifications**

None specified.

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

1. High school transcript or other equivalent (GED, college, technical or trade school transcript, 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, if applicable.
  6. Nevada State Fire Marshall Certificate of Registration, Type "G" Automatic Fire Sprinkler System.
  7. Copy of Aerial Work Platform Certification, if in possession at time of application.
  8. Specific documented evidence of training and experience to satisfy qualifications.
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### **Examples of Assigned Work Areas**

Clark County School District (CCSD) facilities - offices and schools (classrooms, restrooms, kitchens, locker rooms, etc.), construction sites, chase-ways, existing buildings under renovation, etc.

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## Work Environment

### Strength

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

### Physical Demand

Constant 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, 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 extremely 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).

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## Examples of Equipment/Supplies Used to Perform Tasks

CCSD-issued vehicles – trucks/vans/cranes, pipe, pipe fabrication tools, bender, grooving/hand tools, threaders, ladders, welders, hydraulic and air powered tools, drills, pipe freezing machine, assorted lifts (scissor, boom, high, aerial work platform, fork), hand held telephones/radios, 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: 02/29/24
- Created: 10/14/02