

# Fire Sprinkler Technician – Entry-Level

## Position Details

Class Code: 7033

Job Family: Skilled Trades/Technicians

Classification: Support Professional

Terms of Employment: [Pay Grade 53 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

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## Position Summary

Under general supervision, the Fire Sprinkler Technician – Entry-Level, assists in the inspection, installation, testing, repair, and recordkeeping of 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. Assists with and/or conducts mandated inspections and testing of water-based fire protection systems; assists with testing systems using prescribed procedures according to National Fire Protection Association (NFPA) guidelines.
2. Assists with and/or maintains records of all inspections, testing, repairs, and system impairments.
3. Assists with and/or 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.
4. Studies and reviews plans and specifications to determine required materials and/or sequence of installations; assists with preparing cost estimates of labor

and materials for proposed projects; purchases equipment and materials, as necessary, to complete job assignments.

5. Assists with the inspection, troubleshooting, repair, and replacement of electrical alarm sensors, alarm valves, dry fire sprinkler systems, fire hydrants, and wet and anti-freeze sprinkler systems.
  6. Locates test connections, risers, sprinkler locations, and alarm panels to conduct testing of facilities.
  7. Assist with and/or inspects structures to ascertain obstructions to be avoided to prevent loss of system or facility protection.
  8. 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.
  9. Responsible for the handling and disposal of hazardous materials.
  10. Conforms to safety standards, as prescribed.
  11. Performs other tasks related to the position, as assigned.
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## **Distinguishing Characteristics**

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

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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 wear prescribed safety/personal protective equipment.
5. Ability to troubleshoot all types of water-based fire protection systems and plumbing systems.
6. Ability to prepare detailed reports and cost estimates.
7. Ability to learn and apply operating procedures.

8. Ability to read and interpret written and/or verbal instructions.
  9. Ability to meet predetermined deadlines.
  10. Ability to operate and maintain hand and power tools.
  11. Ability to plan and organize work.
  12. Ability to perform strenuous, physical work.
  13. Ability to work in confined areas.
  14. Ability to work flexible hours or shifts.
  15. Ability to withstand heights and perform work safely.
  16. Ability to work cooperatively with employees, students, other agencies, 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 Education Development (GED), foreign equivalency, etc.).
2. Any combination of training and experience equivalent to two (2) years as a 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. Nevada State Fire Marshal Certificate of Registration, Type "G" Automatic Fire Sprinkler System.
5. 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.

6. Hold or be able to obtain, Forklift qualification card. If qualification card is not in possession at time of application or QSP request, it must be obtained within five (5) months of hire into position. Qualification card must be maintained for the duration of the assignment.

## **Preferred Qualifications**

Apprenticeship and/or Journeyman certificate/card.

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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. Nevada State Fire Marshal Certificate of Registration, Type "G" Automatic Fire Sprinkler System.
  6. Copy of Aerial Work Platform Certification, if in possession at time of application.
  7. CCSD-issued forklift qualification card, if applicable.
  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, safety/personal protective equipment (gloves, safety glasses, etc.), 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), handheld 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: 06/08/17