

Irrigation Control Technician I

Position Details

Class Code: 8245

Job Family: Service/Operations Workers

Classification: Support Professional

Terms of Employment: [Pay Grade 54 on the Support Professional Salary Schedule](#)

FLSA STATUS: NON-EXEMPT

Position Summary

Under direction, inspects, installs, repairs, and maintains electrical/mechanical irrigation controllers and central control irrigation systems to component level as well as assists in maintaining the department's parts and equipment warehouse.

Essential Duties and Responsibilities

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

1. Troubleshoots and determines scope, method of repairs needed on controlled systems.
2. Repairs, tests, and installs:
 - Electromechanical, mechanical, and solid-state irrigation controllers
 - Commercial automatic, manual, and hydraulic valves
 - Recycled impact and/or gear driven sprinkler heads
 - Other irrigation components, as necessary
3. Aligns and adjusts control systems to meet specifications.
4. Tests and evaluates new equipment and installations.
5. Repairs and maintains irrigation weather systems and components for the Clark County School District (CCSD).
6. Identifies warranty parts and equipment for repair or to return for reimbursement.
7. Assists in using computerized irrigation system to adjust watering times.
8. Assists in performing CCSD's landscape and grounds water utilization audits.

9. Makes solder repairs on circuit boards.
 10. Assists other crafts in connecting electrical pumps, as necessary.
 11. Receives, inspects, sorts, and stores parts, supplies, and equipment for Landscape and Grounds Department warehouse.
 12. Utilizes computer terminal to monitor current and perpetual supplies, parts, and equipment inventory; cross references files for compatible parts and equipment.
 13. Assists in maintaining irrigation material inventory and provides input for material orders.
 14. Interfaces with vendors and manufacturers to resolve equipment problems.
 15. Communicates and confers with vendors regarding product purchases, obsolete and replacement parts.
 16. Operates forklifts and other materials handling equipment for loading and unloading stock.
 17. Initiates work orders.
 18. In emergency situations, moves, assembles, and disassembles furniture, equipment, or other items, as necessary.
 19. Conforms to safety standards, as prescribed.
 20. Performs other tasks related to the position, as assigned.
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Distinguishing Characteristics

Involves skilled technical work in the repair, installation, and maintenance of networked and stand-alone electrical and mechanical landscape/grounds irrigation systems.

Knowledge, Skills, and Abilities (Position Expectations)

1. Knowledge of electrical/mechanical central control computer and networking systems.
2. Knowledge of equipment troubleshooting practices and procedures.
3. Knowledge of basic electrical theory.
4. Knowledge of irrigation equipment and methods used in installing, maintaining, and repairing irrigation systems.
5. Ability to learn and apply equipment-operating procedures.
6. Ability to read, interpret and apply schematic diagrams, blueprints and manufacturer manuals.
7. Ability to plan and organize work.
8. Ability to read and interpret written/verbal instructions.

9. Ability to distinguish color-coded wires.
 10. Ability to safely move and relocate heavy objects.
 11. Ability to perform physically demanding work.
 12. Ability to work flexible hours and shifts.
 13. Ability to work in confined areas.
 14. Ability to withstand heights and perform work safely.
 15. Ability to work cooperatively with employees, vendors, contractors, 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 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. Three (3) years' experience in the landscape maintenance or construction field involving the installation and repair of irrigation systems; one (1) year of which involves automatic sprinkler systems repair.

Licenses and Certifications

1. A valid driver's license or state-issued identification card.
2. Hold or be able to obtain forklift qualification card. If qualification card is not in possession at time of application or Qualified Selection Pool (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

None specified.

Document(s) Required at Time of Application

1. Copy of a valid driver's license or state-issued identification card.
 2. High school transcripts or other equivalent (GED, foreign equivalency, etc.).
 3. District-issued forklift qualification card, if applicable.
 4. Specific documented evidence of training and experience to satisfy qualifications.
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Examples of Assigned Work Areas

CCSD Facilities Services Unit sites, school grounds, ball fields, trenches for sprinkler systems, parts/supply warehouses, etc.

Work Environment

Strength

Medium/heavy - exert force of 50-100 lbs., frequently; or 10-50 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/warehouse 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. Frequent exposure to cleaning solvents and acids, work around high voltages, fertilizers, pesticides, glues, and primers.

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 truck/vehicle, shovels, picks, bars, wire cutters, pipe cutters, pipe wrenches, vises, braising torches, backsaws, trenchers, trailer, backhoe, water and trash pumps, electric and hydraulic valves, electric clocks, wire finders, forklift, small

tractor, hydraulic sprinkler tester, computers, voltage tester, electric drills, soldering irons, soil testers, two-way or handheld radios, telephones, 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: 10/20/23
- Created: 05/04/93