

## WESTMINSTER SCHOOL DISTRICT CLASSIFICATION STATEMENT

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**TITLE:** GROUNDS IRRIGATION TECHNICIAN

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**BASIC FUNCTION:**

Under the direction of the Executive Director, Facilities Planning, Maintenance, Operations and Transportation or designee, performs journey-level work in the installation, maintenance, and repairs irrigation, drip irrigation, lawn sprinkler systems and backflows devices district-wide.

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**ESSENTIAL DUTIES:**

Installs irrigation and lawn sprinkler systems; maintains, repairs, and replaces existing systems as necessary.

Installs, maintains, and repairs automatically-operated sprinkler controls, Central Control System (CCS), backflow protections, anti-siphon devices, sprinkler heads, valves, and lines.

Maintains and repairs pumps, sub-controllers, irrigation lines, and control cables.

Performs low voltage electrical diagnosis.

Perform basic electrical work related to an irrigation systems including automatic valves, pump controls, Central Control System (CCS), and controllers.

Determines the nature of problems with the District's sprinklers and sprinkler operating systems.

Digs and backfills ditches and trenches as necessary for the installation, maintenance and repair of irrigation and lawn sprinkler systems; cuts and threads pipes; solder connections on wiring and copper piping, repairs sprinkler heads and valves.

Inspects and adjusts sprinkler control devices for correct time and duration of operation; checks sprinkler heads to make certain that they are operational and free of obstructions; protects sprinkler heads from damage by making cuts in the grass and ground around the sprinkler heads, and by adjusting the height of the heads.

Tests all District backflow devices at least once each year in accordance with District policies and procedures and the standards established by the Orange County Board of Health.

Designs and coordinates landscaping to enhance the appearance to the districts site designs to determine where to lay sod, sow grass, or plant flowers and foliage.

Works from blueprints, sketches, oral, and/or written instructions in the installation, and repair of irrigation, and sprinkler systems.

Plans, lays out, and organizes assigned tasks; maintains routine records; orders, obtains, stores, and inventories needed parts and supplies.

Operates a variety of equipment and machines; such as trenchers, trucks, backhoes, tractors, skip loaders, forklifts, backflow and sprinkler testing equipment, pipe-cutting and threading equipment, torch, power and hand saws, drills, and other hand and power tools, maintains tools and equipment in clean and proper working conditions.

Provides work direction and guidance, on a project basis, to other personnel assigned to assist in the installation and repair of irrigation and sprinkler systems.

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**OTHER REPRESENTATIVE DUTIES:**

May be assigned to perform minor or semi-skilled duties in the maintenance and repair of plumbing systems and fixtures.

May assist in the design of irrigation systems.

May advice on water conservation methods and implementation.

May be assigned to assist in the performance of other grounds maintenance duties.

Performs other related duties as required or assigned.

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**ORGANIZATIONAL RELATIONSHIPS:**

Supervision: (1) Reports to and receives direction from the Executive Director Facilities Planning, Maintenance, Operations, and Transportation, or designee.

Assigns work and supervises, on a project basis, other personnel assigned to assist in the installation or repair or irrigation and sprinkler systems.

Internal Contacts: Continuing contact with the Executive Director, Facilities Planning, school principals and other administrative personnel, grounds, custodial, and maintenance personnel, as well as some contact with warehouse, and clerical personnel.

External Contacts: Continuing contact with material supply sources and sales people, Orange County Health Department, backflow inspectors, as well as grounds and sprinkler repair personnel for other school districts.

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**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Proper methods, materials, tools, and equipment used in the installation, maintenance, and repair of irrigation and lawn sprinkler systems and backflow testing.

Health and safety regulations, and appropriate safety precautions and procedures.

Shop math applicable to irrigation and sprinkler systems installation and repair.

Operate a computer work station and software related to Central Control System (CCS).

Basic record-keeping techniques.

Interpersonal skills, using tact, patience, and courtesy.

***ABILITY TO:***

Perform journey-level work in the installation, maintenance, and repair of irrigation, pumps and sprinkler systems.

Appropriately operate tools and equipment used in the plumbing and irrigation trade.

Maintain tools and equipment in a clean and proper working condition.

Perform and maintain operation of the district's backflow and cross connection program without supervision.

Work from blueprints, shop drawings, and sketches.

Perform shop math for use in the installation and repair of irrigation and sprinkler systems.

Plan, organize, and lay out tasks relating to the installation and repair of irrigation and sprinkler systems.

Perform minor or semi-skilled duties in the maintenance and repair of plumbing systems and fixtures.

Estimate labor and material costs.

Operate a truck, observing legal, safe and defensive driving practices.

Maintain routine records and logs.

Perform various grounds maintenance duties.

Communicate effectively both orally and in writing.

Understand and follow both oral and written directions.

Establish and maintain cooperative and effective working relationships with others.

Work independently with little direction.

Work courteously and tactfully with co-workers and public.

Prioritize and identify needs and solve problems independently as appropriate.

Read, interpret and follow rules, regulations, policies and procedures.

Adapt easily to work assignments, additional priorities and new procedures.

Receive constructive criticism and modify work appropriately.

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**PHYSICAL DEMANDS:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

The employee is regularly required to stand, walk, stoop, kneel, crouch, climb or balance. The employee is regularly required to repetitively use fingers on both hands simultaneously, reach with hands and arms; talk and communicate clearly. The employee must frequently lift and/or move objects or materials weighing up to 50 pounds; occasionally move and/or lift 100 pounds with assistance.

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**WORK ENVIRONMENT:**

While performing the duties of this job, the employee is frequently exposed to moving mechanical parts, fumes or airborne particles, and risk of electrical shock. The employee is frequently exposed to wet and/or humid conditions, toxic or caustic chemicals, outside weather conditions, working in small spaces, extreme heat, explosives, and vibration. The noise level in the work environment is usually moderate.

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**EDUCATION AND EXPERIENCE:**

Any combination equivalent to: (1) Graduation from high school; and (2) Two years of plumbing, gardening, or grounds maintenance experience including two years of experience in the installation and repair of commercial automatic sprinkler systems. Knowledge of Central Control system (CCS).

**LICENSES AND OTHER REQUIREMENTS:**

Possession and maintenance of a valid California driver's license.

Insurability by the District's insurance carrier.

Possession of a Backflow Inspection and Cross Connection Specialist Certification issued by the County of Orange Health Department with one year of employment.

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PREPARED BY:	Classified Personnel Department	DATE: 2/89
APPROVED BY:	Board of Trustees	DATE: 5/11/89
APPROVED BY:	Personnel Commission	DATE: 5/11/89
REVISED BY:	Personnel Commission	DATE: 4/24/06
REVISED BY:	Personnel Commission	DATE: 03/27/2018