

BURBANK UNIFIED SCHOOL DISTRICT

CLASS TITLE: IRRIGATION SPECIALIST

BASIC FUNCTION:

Under the direction of the Grounds Supervisor and/or the Grounds Leadperson, perform skilled work in the installation, repair, design, and modification and maintenance of computerized and manual irrigation sprinkler systems and devices to assure proper irrigation of District landscaped areas.

REPRESENTATIVE DUTIES:

Install, repair and modify computerized and manual irrigation systems; plan and design new irrigation systems; demonstrate the proper use of systems to appropriate personnel.

Monitor and analyze water usage on District properties by accessing computer weather information from various web sites (SIMUS) and city water data.

Install, replace or repair irrigation, and sprinkler and automatic controller systems, and main and lateral irrigation waterlines, and all backflow prevention devices, excluding testing of pressurized backflow devices.

Maintain computerized central irrigation control system.

Consult with District technology department regarding the installation of phone jacks and cabling for the computerized irrigation system.

Install, repair, rebuild or replace irrigation parts and equipment as needed including automatic controllers, automatic and manual valves, raisers, sprinkler lines, sprinkler heads, including motorized sprinkler heads, and related equipment.

Install, adjust and perform minor repairs on irrigation time clocks; clean blockages from valves, sprinkler heads and irrigation lines.

Resolve problems concerning irrigation systems; troubleshoot and perform preventative maintenance to assure proper operation of irrigation systems.

Communicate with grounds personnel, vendors, manufacturers and other District personnel to discuss and resolve irrigation system problems and to coordinate work activities.

Maintain inventory of parts, tools and equipment for repair and installation work; estimate materials needed.

Provide work direction and guidance to groundskeepers and other personnel as assigned.

Maintain records related to work orders and materials utilized; maintain drawings and blueprints of District irrigation systems.

Provide assistance to grounds personnel as needed; operate and maintain a variety of tools, vehicles and equipment used in the maintenance of irrigation systems and in grounds maintenance work; may operate asphalt sweeper.

Perform related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Irrigation architecture.

Computerized irrigation water management system.

Principles, methods, techniques and specialized equipment used in the installation and repair of irrigation systems.

Various types of sprinkler control devices and irrigation equipment.

Master valves, flow sensors, backflow systems, time clocks and related equipment.

Watering requirements for lawns, trees, plants and various types of soil.

Grounds techniques, methods and equipment.

Health and safety regulations pertaining to position.

Basic electrical practice.

Technical aspects of field of specialty.

Oral and written communication skills.

ABILITY TO:

Perform a wide variety of skilled maintenance, repair and installation work on irrigation systems.

Diagnose malfunctions and correct deficiencies in irrigation systems and related equipment.

Install, repair and rebuild sprinkler heads, valves and other equipment.

Install and repair automatic controls and timing devices.

Estimate materials needed for work assignment.

Operate a variety of equipment including various small hand tools, trucks (including manual transmissions) and equipment involved in the installation and repair of irrigation systems.

Work from blueprints, shop drawings and sketches.

Analyze situations accurately and adopt an effective course of action.

Understand and follow oral and written directions.

Read, follow, apply and explain rules, regulations.

Work cooperatively and effectively with others.

Work independently with little direction.

Meet schedules and time lines.

Provide work direction and guidance to others.

Add, subtract, multiply and divide quickly and accurately.

Maintain accurate records and reports.

Perform a variety of grounds maintenance duties.

Lift objects weighing up to 80 pounds using safe and proper methods and/or equipment.

Move objects weighing over 80 pounds using safe and proper methods

and/or equipment.

EDUCATION AND EXPERIENCE:

Any combination equivalent to: sufficient training and experience to demonstrate the knowledge and abilities listed above and two years of increasingly responsible experience in the installation and repair of irrigation systems including experience with computerized irrigation control devices.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license.

WORKING CONDITIONS:

Work includes indoor and outdoor environment where children may be present; subject to adverse weather conditions, lifting, pushing, pulling, digging, climbing, dust, fumes, chemicals, noise and traveling from site to site to conduct work.