

GROUNDS IRRIGATION SPECIALIST/GROUNDSKEEPER

DEFINITION

Under supervision of the assigned supervisor/manager, this specification describes the classification used to perform skilled tasks in the installation and repair of ground irrigation systems and operation to perform gardening and grounds maintenance work.

TYPICAL DUTIES

Under supervision, designs sprinkler systems; determines source of water and pressure, soil type, location of valves and triangulation of sprinklers; develops material lists and pipe specifications; installs new systems by trenching, connecting to existing water supply, installing back-flow devices, connecting valves, lines and cross-connections, heads, valve boxes, controllers, booster pumps and other components; pressure check systems and adjusts heads; repairs or replaces broken sprinkler lines, manual or automatic valves, sprinkler heads, automatic controllers, booster pumps, flow switches and other related equipment; inspects and adjusts controllers for timing and duration of operation; programs controllers and clocks; repairs and installs plastic/copper/galvanized pipes and fittings; rebuilds sprinkler heads, control valves, time clocks and other system components; fabricates parts and modifies systems; cleans out lines; reads and interprets blueprints and sketches; prepares sketches; prepares sketches of system designs; operates trenchers, post hole diggers, backhoe, jackhammers; light truck and other equipment; prepares daily records of work performed; performs related plumbing tasks and routing, backfill of holes and trenches; maintains inventory of parts and supplies.

Performs general grounds maintenance work, sweeping walks and parking areas, picking up papers and rubbish, raking leaves and weeding; maintains sprinkler systems, installing and repairing sprinkler heads and lines; plants, cultivates and cares for lawns, ornamental plants, shrubs, trees and flowers; prunes trees, resods and otherwise repairs lawns and playing areas; mixes and applies pesticides using hand-operated and power-driven sprayers; maintains athletic fields; burns and marks lines for athletic contest; assists in setup for athletic events and/or community services activities; installs sign posts, benches, parking bumpers and security gates; operates and services equipment including power sweeper, lawnmower, gang mover, rototiller, trenching machine, front-end loader and forklift; drives trucks, tractors; oversees temporary staff assigned to groundskeeping; assists ground maintenance technicians with grounds maintenance work; performs related duties as assigned.

QUALIFICATIONS

EXPERIENCE

One year of experience related to the duties of the position.

One year of experience is equal to 12 months of experience at 40 hours per week. Applicable part-time experience will be converted to the full-time equivalent for purposes of meeting the experience requirement.

SPECIAL REQUIREMENTS

Employment is contingent upon meeting the requirements of Los Rios Board Regulation R-8343, including possessing and maintaining a valid California Driver's License. This position may require operating a District or personal vehicle in order to complete assigned work within the scope of the position duties. Any offer of employment will be contingent upon the successful completion of a medical evaluation. Within six months of hire, obtain and maintain a forklift operator certificate. Within six months of hire, obtain and maintain a valid California Qualified Applicator Certificate (QAC) with B and C option.

KNOWLEDGE OF

Methods and materials used in the installation, maintenance and repair of automatic sprinkler systems including controllers, time clocks and valves; sizes and specifications of pipes and fittings for proper volume and pressure; irrigation requirements for various types of soil; various aspects of pipe fitting as it applies to sprinkler installations; safety related use of equipment, primers and glues; basic mechanical, electrical, plumbing and hydraulic principles; current practices and processes of the trade; applicable policies, regulations, procedures and processes, and federal, state, and local laws and regulations; effective customer service skills; how to compose effective correspondence; the structure and content of the English language including the meaning and spelling of words, rules of composition and grammar, and rules for correspondence and report writing at the level required to effectively perform the duties of the position; principles and practices of effective communication; how to train others to perform specific tasks; arithmetic at the level required to effectively perform the duties of the position; administrative and clerical procedures and systems, such as filing and recordkeeping techniques in a complex business environment; modern office practices, procedures and equipment; safety procedures and safe work practices related to the duties of the position.

ABILITY TO

Perform the essential functions of the position; read, understand, and apply conversion charts for water pressure and water flow; read and understand technical manuals, wiring diagrams, blueprints and charts; apply math concepts and compute accumulated loss/friction; analyze and diagnose system malfunctions; use hand and power tools and other equipment associated with sprinkler systems; sustain regular work attendance; work cooperatively and effectively with the public, students, faculty and staff; exercise initiative and mature judgment; interpret and apply applicable federal, state and local laws and regulations, District policies and regulations, and office processes and procedures; work as a member of a team; meet schedules and timelines; manage one's own time and the time of others; correctly follow a given rule or set of rules in order to arrange things or actions in a certain order; understand and effectively carry out oral and written directions; effectively communicate information and ideas orally and in writing based on the needs of the audience; read, write and perform mathematical calculations at the level required for successful job performance; be aware of others' reactions and adjust interpersonal skills accordingly; handle personal and private information with discretion; prepare routine correspondence independently; effectively learn and operate equipment and software related to the duties of the position; use technology to effectively perform responsibilities; adapt to changing technologies; work successfully with diverse populations; effectively and safely use and maintain equipment and tools required in the performance of the job duties, including assigned vehicles.

Physical And Environmental Factors: Perform physical labor while maneuvering seven or more hours each shift; work on knees in wet/damp conditions, work in confined or cramped spaces; frequent exposure to allergens; work around load machinery, noise and/or pronounced vibration; work in an outside environment subject to inclement weather conditions, possible and/or frequent exposure to sun, humidity, and high or low temperatures; frequent exposure to the sun; possible exposure to sun; work on wet, slippery (and icy) surfaces; climb and descend 8 to 16 foot ladders and/or stairs (with heavy objects with or without assistance); exposure to sharp blades from tools and equipment; frequent stretching, reaching and kneeling while operating tools and equipment; reach, grasp, pull, push, and carry various equipment and furniture across various types of surfaces; twist body up to 45 degree angle; lift heavy objects with and without assistance (objects are sometimes elevated from floor level to about shoulders).