

Classification and Qualification STANDARDS

Irrigation Specialist

Class Code: 0735

Date Revised: 04-01-2005

FLSA: Non-Exempt

Classification Standard Reformatted: 03-01-2014

OVERVIEW:

Under general supervision, the Irrigation Specialist maintains and repairs grounds irrigation systems including modification of existing systems and the planning, cost estimating, and installation of new systems.

The Irrigation Specialist performs specialized work on irrigation systems in grounds areas for a major portion of the incumbent's work time. Incumbents in the Groundswoker classification or other grounds classifications may maintain sprinkler heads, make minor repairs to sprinkler lines, set clocks on automatic control devices in an assigned area of the campus on an occasional basis, and occasionally assist an Irrigation Specialist in specialized irrigation system maintenance work.

TYPICAL ACTIVITIES:

The duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to this classification.

Irrigation Specialists typically perform work involving some or all of the following duties: repair broken sprinkler lines, sprinkler heads, valves, and related equipment; clears blockages from valves and pipes; inspects, services, maintains, and repairs automatic sprinkler control devices; perform minor repairs on sprinkler control devices; establish and maintain sprinkler system preventive maintenance programs; plan irrigation systems, select types of irrigation equipment, estimate costs, and install or modify sprinkler systems; review landscaped areas and coordinate the installation of new sprinkler systems and the modification of existing sprinkler systems, taking into consideration the vegetation, soil conditions, and evaporation and water retention factors; work closely with contractors installing sprinkler systems around new structures to assure proper irrigating capabilities of the system; prepare or revise sketches or plans to show location of pipes, valves, sprinkler heads, and water pressure; may order supplies used in the campus irrigation system; pay from time-to-time provide lead work direction to students, Groundswokers or individuals in other grounds classifications engaged in routine sprinkler maintenance activities; may perform emergency repair work on irrigation systems; may on occasion perform Groundswoker duties; and may drive pick-ups and other automotive equipment in the performance of assigned duties.

MINIMUM QUALIFICATIONS:

Knowledge:

Thorough knowledge of the soil conditions of the various areas of the campus; climate of the area in which the campus is located; and the mechanical principles of sprinkler equipment. General knowledge of the kinds of sprinkler control devices and irrigation equipment available on the market.

Abilities:

Ability to plan, estimate costs, and install or modify irrigation systems for particular sections of the campus; repair and maintain existing irrigation systems; operate equipment, such as small trench-diggers; provide lead work direction to others; and read and write at a level appropriate to the duties of the position.

Experience:

Two years of experience in the care and maintenance of landscaped areas or general grounds, with one year in the maintenance, repair, or modification of irrigation systems and irrigation equipment.

License:

Some positions may require possession of a valid California driver's license.