

IRRIGATION SYSTEM MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: This is specialized mechanical work which involves a responsibility for the operation, maintenance and repair of a computerized irrigation system on a golf course. The work includes plumbing and electrical duties, work with a computer program as well as golf course and equipment maintenance. The incumbent is expected to be on call for emergencies and during periods of extreme weather conditions. The work is performed under the general supervision of a Greenskeeper or golf course superintendent. Supervision may be exercised over a small number of groundworkers and/or laborers. Does related work as required.

TYPICAL WORK ACTIVITIES:

Sets watering schedule by computer depending on weather and soil conditions;
Physically inspects all sprinkler heads and controllers daily to look for problems;
Repairs or replaces wiring, piping, sprinkler heads, controllers, etc. as needed;
Responds to emergencies involving weather conditions or malfunctions within the operation of the irrigation system by closing valves, unclogging nozzles, balancing sprinkler heads, etc.;
Monitors the installation of additions to the computerized system;
Maintains and repairs golf course equipment such as mowers, turf vehicles, landscaping equipment, etc.;
Performs golf course maintenance duties such as mowing, watering, changing cups, aerating, topdressing, leaf removal, landscaping, tree work, fertilizing and pesticide application.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of computerized irrigation systems; good knowledge of golf course maintenance including types of grasses, watering requirements, mowing and fertilizing schedules, topdressing, etc.; working knowledge of plumbing and electrical work; ability to use power mowers, saws and other powered grounds equipment; ability to use a variety of common hand held power tools; ability to read and understand simple oral and written directions; mechanical aptitude.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma and two (2) years of paid work experience operating, maintaining and repairing a computerized irrigation system on a golf course.

SPECIAL REQUIREMENT:

- 1) Incumbent may apply pesticides and other such controlled chemicals only if:
 - a) They have a valid, appropriate Pesticide Applicator's certification issued by the NYS Department of Environmental Conservation; or
 - b) They do so under the direct supervision of a certified applicator.

Definitions, guidelines, restrictions, etc. are specifically defined in Part 325, Application of Pesticides, Rules and Regulations, NYS Department of Environmental Conservation.

- 2) If the above is applicable to their jurisdiction, it shall be the responsibility of the appointing authority to ensure any and all pertinent rules, regulations, requirements, etc. of local, state or federal agencies are strictly adhered to.
- 3) It shall not be a mandatory requirement of an Irrigation System Mechanic to possess pesticide certification.