Technician, Water Quality

Job Code 00007146

General Description
Responsible for chemically and mechanically monitoring all water cooling towers, chilled water systems, and boilers in order to maintain water quality and maximize energy conservation.

Examples of Duties
Collect water samples and conduct analysis tests.
Apply chemicals to water.
Maintain and repair injector pumps, meters, probes, and bleed off valves.
Perform plumbing repairs to chemical injection piping.
Operate University vehicle.
Transport chemicals through the use of University vehicles.
Clean cooling towers.
Providing information to visitors/students/others on locations on campus.
Perform other duties as assigned.

Knowledge, Skills, and Abilities
Knowledge of: procedures and standards for handling hazardous materials; basic chemistry; first aid; campus layout and equipment; electricity; mechanical concepts; characteristics and techniques for using water treatment chemicals; providing instruction on how to fill and deliver acid barrels.

Skill in: working as a team member on most tasks of jobs and establishing a rapport with variety of clients; prioritizing workload; problem solving and decision making; troubleshooting.

Ability to: Understand written job instructions; compare and verify columns of numbers; understand employer’s policy and procedure manuals; use measuring devices; read and interpret technical manuals and MSDS sheets; complete simple supply request forms and time slips; take telephone messages; complete purchase requisitions; perform basic math; explain work procedures; establish and maintain filing system.

Educational Experience
To qualify for this classification, an individual must possess any combination of experience and education that would likely produce the required knowledge, skills, and abilities.

Other Requirements