Dir, Utilities Operations

Job Code 50015719

General Description

Responsible for managing the simultaneous production of steam, hot water, and chill water through a centralized thermal plant process and managing the utility infrastructure distribution systems for university buildings.

Examples of Duties

Plan thermal system facilities and equipment.
Estimate labor, materials, equipment, and construction costs for projects.
Inspect completed installations of equipment and machinery.
Coordinate operations and maintenance of electrical systems.
Manage and supervise staff in chiller and boiler operations.
Monitor plant emissions for compliance.
Manage maintenance and operation of high voltage electrical systems.
Monitor preventative maintenance schedule of plant and related equipment.
Supervise installation, operation, and maintenance of backup and emergency generator process.
Participate in design review of construction projects.
Report to management regarding thermal plant and potable water system operations.
Conduct performance testing.
Perform other duties as assigned.

Knowledge, Skills, and Abilities

Ability to: Read blue prints, OEM manuals, technical papers, memos, letters and related correspondence, calculate heat rates, building costs, emission levels, fuel usage, volume, give technical presentations and daily verbal communication and supervision.
Skill in: Preparing technical papers, memos, letters, specifications, procedures and standards, effectively directing the work of others, dealing with regulatory agencies, establishing rapport with others, operation and maintenance of emergency generators, piping modifications, assuring a safe working environment, determining work methods, systems planning and testing, personnel management and supervision.
Knowledge of: Construction regulations and standards, federal and state laws pertaining to emissions, discharges and safety, design parameters, machinery capabilities, heat rates, safety and testing procedures.

Experience and Education
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**

Texas Registered Professional Engineers License (PE)