

ENERGY UTILITY SPECIALIST

DESCRIPTION OF WORK: Positions in this banded class perform a wide range of progressively responsible work in the design, planning, regulatory reporting, operational support & oversight as it relates to the operation, construction, maintenance and repair of coal-fired steam plant boilers, steam turbines, auxiliary equipment, chillers, high voltage distribution systems, and chilled water & steam distribution systems. Work covers existing operations, modifications, new construction and renovation projects. Positions may involve leading work teams, planning, organizing work, and will be required to work with regulatory agencies and consultants, design firms, contractors and vendors.

EXAMPLES OF COMPETENCIES: CONTRIBUTING

Knowledge – Technical: Conversant with operations, systems, basic regulatory requirements and market driven factors as they pertain to energy facilities producing chilled water, electricity and steam.

Safety and Health Compliance: Ability to perform tasks safely to avoid danger to self or co-workers; ability to identify and inform supervisor and fellow employees of potential work place safety issues and practices; ability to ensure that appropriate protective equipment is in a safe manner. Note: All work plans shall address safety.

Problem Solving: Ability to follow instructions or standard operating procedures for assigned tasks; ability to ask for clarification of instructions as needed; ability to perform routine or repetitious tasks completely and accurately; ability to check work for mistakes prior to review; ability to compare finished work to what is expected.

Decision Making: Ability to recommend approaches to solving routine problems relating to programmatic requirements or standards.

JOURNEY

Knowledge – Technical: Understanding of both standard and non-standard work practices, operations and associated regulatory issues. Excellent understanding of regulatory issues pertaining to work place safety and/or facility operations.

Safety and Health Compliance: Ability to identify and resolve potential systems safety problems and unsafe work practices; ability to show co-workers safe ways to perform job tasks or use equipment; ability to incorporate accident prevention and corrective measures in all activities; ability to regularly assess shop safety conditions.

Problem Solving: Ability to ensure non-routine, non-repetitious work meets industry service standards according to service manuals; ability to check and recheck work prior to and after completion; ability to seek approval of supervisor or higher-level technician upon completion of assignment; ability to use appropriate record-keeping methods.

Decision Making: Ability to use effective approaches for choosing a course of action or developing appropriate solutions and/or reaching conclusions. Ability to take action consistent with available facts, constraints, and anticipated consequences. Ability to analyze and synthesize relevant policies and legislation, and apply them across a variety of situations.

Leading Work Teams: Ability to listen and consider the ideas of team members; ability to share relevant or important information with the team; ability to develop skills or knowledge; ability to monitor and provide feedback on employee's progress; ability to look for opportunities for employees to put new knowledge, understanding, or skill to practical use on the job.

Planning and Organizing Work: Ability to set daily and weekly objectives for work unit based on established priorities and time frames. Ability to recognize and request equipment and/or materials that are needed to do the job. Ability to provide feedback on regulatory schedule requirements, associate training & certification, associated market conditions.

Coordination – Operations: Ability to plan and schedule a limited scope of work with maintenance/construction and operations to minimize operational impacts.

Leading Work Teams: Ability to listen and involve others in team decisions and actions; ability to encourage input from other team members; ability to value and use individual differences and talents; ability to identify barriers and resources to achieve team goals.

Planning and Organizing Work: Ability to set short-range maintenance objectives and prioritizes activities and tasks; ability to adjust priorities when appropriate; ability to plan for equipment needs; ability to review requests and ensures that required equipment, tools and/or materials are available; ability to use time effectively to accomplish work unit goals; ability to consider competency level of current staff and distributes work accordingly; ability to coordinate a limited variety of vehicle/equipment operational, diagnostic, and repair services.

Coordination – Operations: Ability to coordinate and manage a broad scope of work operations and processes to meet programmatic expectations and outcomes.

ADVANCED

Knowledge – Technical: Thorough and extensive understanding of the most difficult and complex systems. Examples: Plans and implements modifications to piping for steam, chilled water and voltage wiring installation for electric distribution.

Safety and Health Compliance: Ability to demonstrate commitment to provide safe working environment by leading by example; ability to follow appropriate post-emergency procedures. Ability to lead facility safety efforts and regularly communicate safety-related operational items.

Problem Solving: Ability to independently take necessary actions to ensure that industry service standards and procedures are followed when handling multiple, complex assignments. Ability to read and interpret Original Equipment Manufacturer (OEM) manuals and uses diagnostic tools.

Decision Making: Authority to independently initiate or implement new approaches and policies to resolving non-standard problems and issues of broad scope and complexity.

Leading Work Teams: Ability to advocate and model commitment of team decision-making process; ability to integrate teamwork philosophy into planning and program development; ability to provide necessary resources and remove obstacles to help team accomplish its goals.

Planning and Organizing Work: Ability to develop realistic timelines and milestones; ability to set mid- to long-range maintenance goals and objectives and prioritize activities and tasks; ability to prepare alternative plans to meet changing conditions and ensure timely task accomplishment; ability to coordinate a wide variety of vehicle/equipment operational, diagnostic, and repair services.

Coordination – Operations: Ability to direct, evaluate and implement improvements to maximize organizational goal achievement. Ability to develop and oversee processes, procedures and programs to enhance organizational goal achievement.

MINIMUM TRAINING AND EXPERIENCE: High school diploma or equivalency and two years of related experience; or equivalent combination of training and experience. Requires certification(s).

Special Note: This is a generalized representation of positions in this class and is not intended to reflect essential functions per ADA. Examples of competencies are typical of the majority of positions, but may not be applicable to all positions.