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Utility Systems Repairer-Operator 11

WG-4742-11

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I. INTRODUCTION

This position is located in

This position involves the repair and operating of one or more utility systems (a/c, heating, water, sewage, electricity generation and distribution, etc.).

II. MAJOR DUTIES

Performs various non-standard industrial tasks in connection with the repair and operation of utilities for a variety of large and complex Federal buildings or facilities, particularly those found in research and development laboratories. Typical work assignments include the performance of various checks, tests, adjustments, and troubleshooting tasks to determine the need of repair and operational work. Plans, lays out, sets up, and completes specified tasks using equipment of the trade, blueprints, sketches, oral instructions or other specifications.

III. FACTOR LEVELS

1. Skill and Knowledge: Completes tasks utilizing full-range of equipment and tools of the trade in carrying out assignments on special purpose equipment for unique laboratory work. Determines materials, procedures, tools, and equipment to be used. Independently interprets blueprints, sketches, operating/maintenance (OM) manuals. Advanced knowledge of the functions and procedures to operate and maintain a centralized boiler and refrigeration plant. Ability to start, stop, regulate, troubleshoot, maintain, and perform complex repairs on the utility(ies) for optimum efficiency and safety. Knowledge of locations and functions, kind and quality of materials for repair of all system equipment. Requires a high level knowledge of shop mathematics.
2. Responsibility: Receives the full range of assignments with little or no instruction. Applies OM manuals and at times, deals directly with factory representatives in addressing more complex system problems. Makes frequent judgments and more difficult decisions relating to problem-solving. Supervisor reviews complex or unusual problems and completed work.
3. Physical Effort: The work requires moderate physical exertion such as long periods of standing, walking over rough, uneven or rocky terrain, recurring bending, stooping, crouching, stretching, reaching, and lifting and carrying of moderately heavy items weighing up to 50 pounds.
4. Working Conditions: The work environment involves moderate risks of discomforts which requires special safety precautions such as those required when working around moving parts or machinery.

This position is exempt from coverage under the FLSA.

IV. UNIQUE POSITION REQUIREMENTS

(Last Updated: October 28, 1994)

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