

ASSISTANT UTILITY PLANT MECHANIC

NATURE OF WORK

This is semi-skilled work assisting in the maintenance and repair of mechanical water production and treatment equipment.

Work involves responsibility for assisting in tasks of a utility nature requiring semi-skilled mechanical work in the repair and maintenance of diversified utility plant mechanical equipment. Assignments are received in the form of oral and written work requests from the supervisor or plant mechanic with tasks normally being performed under the supervision of the plant mechanic but may be performed independently. Seeks inspection of completed work to determine conformance with specifications. Supervision may be exercised over one or several unskilled workers.

EXAMPLES OF WORK PERFORMED

Assists in performance of utility plant maintenance and repair tasks requiring semi-skilled ability.

Performs and assists in routine preventative maintenance tasks on utility plant equipment.

Assists in troubleshooting mechanical malfunctions; retrieving necessary parts, materials and tools; and performing repairs.

Assists in vibration analysis and dynamic balancing of equipment; assist in installation of mechanical equipment according to manufacture's specifications.

Assists in clean-up of general maintenance work areas and areas where repair and maintenance tasks have occurred.

Performs related work as required.

DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS

Knowledge in the use of tools, test equipment and shop equipment used in utility plant mechanical repair and maintenance.

Knowledge of basic mathematics.

Knowledge of the methods, practices, tools and materials utilized in a variety of specialized mechanical crafts.

Knowledge of safety hazards involved in maintenance and repair activities as well as precautionary methods to be taken.

Ability to inspect a wide variety of mechanical equipment and fixtures to determine defects and needed repairs.

Ability to establish and maintain effective working relationships with co-workers.

Ability to read specifications and blue prints.

Ability to communicate effectively, both orally and in writing.

Ability to maintain and repair shop equipment and tools.

Skill in the use of tools and equipment utilized in a variety of specialized mechanical and electrical crafts.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from a senior high school or equivalent plus experience diagnosing, adjusting, repairing and servicing a wide variety of specialized mechanical equipment.

MINIMUM QUALIFICATIONS

Graduation from a junior high school or equivalent plus experience diagnosing, adjusting, repairing, and servicing a wide variety of specialized mechanical equipment; or any equivalent combination of training and experience which provides the desirable knowledge, abilities and skills.

NECESSARY SPECIAL REQUIREMENT

Possession of a valid driver's license when operating a vehicle is necessary to the satisfactory performance of assigned duties.

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