

MASTER EQUIPMENT MECHANIC

NATURE AND VARIETY OF WORK

This is highly skilled lead-level mechanical work in the field of equipment maintenance, repair, and service. As demonstrated masters in the field, incumbents perform the most specialized, difficult, and complex maintenance, diagnosis and repair assignments on a wide range of light to heavy motorized equipment, vehicles, and fire and rescue apparatus. Incumbents devote a considerable amount of time to assisting an Assistant Garage Supervisor/Garage Supervisor in managing and administering the daily activities of a garage maintenance facility and may act in their absences. Such positions work with a considerable degree of latitude for independent judgment, action and initiative under the general supervision of a Garage Supervisor/Assistant. Work is evaluated based upon the attainment of departmental goals and objectives.

EXAMPLES OF WORK (ILLUSTRATIVE ONLY)

Assists an Assistant Garage Supervisor/Garage Supervisor in managing and administering the daily activities of a garage maintenance facility and may act in their absences.

Assists an Assistant Garage Supervisor/Garage Supervisor in inspecting the repair work performed by subordinates and in instructing proper corrective procedures.

Assists an Assistant Garage Supervisor/Garage Supervisor in diagnosing unusual problems; studies special problems and recommends solutions.

Assists in maintaining maintenance records, various inventories, and work orders.

Provides technical guidance to and/or leads the work of subordinates in all phases of equipment and component repairing, disassembling, remanufacturing, rebuilding, assembling, machining and/or component modifying.

Performs machine and lathe operations for rebuilding alternators, heads, rear ends, engines, automotive transmissions, power steering units, and other vehicles components.

Diagnoses/effects regular or emergency repairs where the familiarity with a wide range of mechanical tools, equipment, synchronization, timing, and adjusting is extremely important.

Willingly and cooperatively performs tasks and duties which may not be specifically listed in the class specification or position description, but which are within the general occupational category and responsibility level typically associated with the employee's class of work.

REQUIRED KNOWLEDGES, SKILLS, ABILITIES

Extensive knowledge of standard tools, test equipment, methods and practices used in the repair and maintenance of the wide range of light to heavy motorized equipment, vehicles, and fire and rescue apparatus.

Skill in the use of a variety of diagnostic equipment and precision measuring instruments.

Ability to detect, diagnose, and repair malfunctions on a wide range of motorized equipment, vehicles and apparatus including computerized components.

Ability to lead and/or coordinate the work of subordinates.

Ability to work from complex drawings, charts and parts lists.

MINIMUM QUALIFICATIONS

High school diploma or equivalent (GED), plus three (3) years of experience in the maintenance, diagnosis and repair of a wide range of light to heavy motorized equipment, vehicles or fire and rescue apparatus, plus one (1) year of experience in a lead/coordinative role; or an equivalent combination of education, training and experience that provides the required knowledges, skills, and abilities.

CONDITIONS OF EMPLOYMENT

Must be certified in applicable specialities as determined by the needs of the Department and the Office of Personnel.

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