

MECHANIC

NATURE OF WORK

This is skilled work of the journeyman level in the maintenance and repair of gasoline and diesel powered automotive equipment.

The employees of this class perform skilled tasks in mechanical repair and maintenance of automobiles, trucks, and other standard and specialized automotive equipment. Employees work under general supervision using independent judgment as to work methods after receiving oral instructions or written work orders as to the nature of the work to be performed. A supervisor may check work during repair or test running condition of equipment after work is completed. Employees may supervise an unskilled or semi-skilled helper.

EXAMPLES OF WORK (All duties listed may not be included in any one position nor does the list include all tasks found in a position of this class).

Does general overhaul and repair work on light and heavy trucks, gasoline and diesel motors, and other automotive equipment.

Does electric and acetylene welding and burning.

Repairs and maintains automobiles assigned to sheriff's office; makes complete overhauls other than machining of parts.

Inspects, adjusts and replaces necessary units and related parts including valves, pistons, main bearings and assemblies, and cooling, fuel and exhaust systems.

Repairs and overhauls brakes, ignition systems, transmission, differentials and rear axle assemblies; tunes motors using standardized testing equipment.

Assists in repair and overhaul of heavy equipment, such as tractors, bulldozers, graders and other construction equipment.

Performs related mechanical work as required.

REQUIRED KNOWLEDGES, SKILLS, AND ABILITIES

Considerable knowledge of standard practices and equipment of the automotive mechanic trade.

Knowledge of the principles of operation of gasoline and diesel engines and of mechanical repair on heavy trucks and construction equipment

Knowledge of the occupational hazards and safety precautions of the trade.

Skill in the use and care of hand and machine tools employed in motor repair and adjustment work.

Skill in locating and adjusting defects in automotive equipment.

Ability to understand and carry out complex oral and written instructions.

Ability to adapt available tools and repair parts to specific repair problems.

QUALIFICATIONS

Any combination of training and experience equivalent to: Graduation from a standard senior high school.

Experience as a journeyman automotive mechanic, preferable including experience on heavy equipment or completion of a recognized apprenticeship in this work.

NECESSARY SPECIAL REQUIREMENT

Possession at the time of appointment of a Class A Commercial Drivers License as issued by the Department of Public Safety. Employee must also maintain the Class A CDL and hazardous materials endorsement in order to remain in this job classification.