

Definition: Under general supervision, service and make minor mechanical repairs to automobiles, trucks, sweepers, tractors and other power driven and mechanical equipment, and to do related physical work as required.

Essential Duties: Depending upon assignment, the duties of an Equipment Mechanic I include:

Inspects and diagnoses motorized mechanical equipment and consults with Mechanic III on extent of repairs, overhauls engines, installs transmissions, differentials, clutches and rebuilt engines. Cleans, repairs and replaces carburetors, fuel lines, tanks, gauges and replaces fuel pumps, strainers and filters. Wires and reconditions electrical systems, locates electrical shorts, replaces and repairs such other components such as generators, distributors, relays, lights and switches, adjusts spark plugs, tests and repairs starters and magnetos and recharges batteries. Relines and adjusts new brake shoes, pads and springs. Repairs radiators, water pumps, hoses and replaces fans, thermostats and cooling system elements. Replaces axles, differentials, u-joints, mufflers and exhaust pipes. Assists in building and repairing special construction or maintenance equipment. Uses basic machine shop test equipment, keeps records of time, materials and parts of work performed. Operates all public vehicles.

Special Requirements: Vision adequate to read and drive, ability to bend, stoop or crouch; speak clearly and understandably. Must supply own tools. Must be available for extended days and overtime to the extent needed by the vehicle garage. Willingness to take continued educational classes related to the repair and maintenance of vehicles. ASE Certification is highly desirable.

Minimum Qualifications:

Knowledge of: The operation of construction equipment and automotive vehicles. The ability to use related tools and follow procedures used in the overhaul and repair and adjustment of motor equipment, electrical, cooling, braking, drive lines and electronic fuel systems. The general knowledge of the operation and care of internal combustion engines and chassis. Extensive knowledge of computer and electronic equipment use to diagnose and repair vehicles and equipment.

Ability to: Make mechanical repairs to a variety of motorized equipment. Use shop tools such as drills, pressers, grinders, reamers, welding, electrical test equipment and tune up scope. Diagnose defects in all automotive equipment, and maintain time and material records.

Experience: Two years of recent mechanic experience in the overall repair and maintenance of automotive, light and heavy power driven equipment in an auto repair facility.

Education: Formal or informal education sufficient to insure the ability to read and write at the level necessary for job performance, preferably supplemented by training courses in automotive or equipment repair and servicing.

License: Must possess and maintain a valid "Class C" California Driver's License with a satisfactory driving record and within six (6) months must obtain a "Class B" California Driver's License with required endorsements.