

EQUIPMENT MECHANIC I/II

DEFINITION:

Under general supervision, services and performs mechanical repairs to City-owned motor vehicles and other heavy and light power-driven equipment; and performs related work as required.

This class has two levels. Equipment Mechanic I is the entry-level position. Positions in this class are distinguished by the performance of equipment mechanic work of limited complexity and under close supervision. Incumbents are expected to progress to Level II within the prescribed time frame with appropriate training, experience, and satisfactory job performance.

Equipment Mechanic II is the journey level position. Incumbents are expected to perform the full range of equipment mechanic duties receiving occasional instruction and general supervision. Incumbents in this class are fully aware of the operating procedures and policies of the work unit. Appointment to Level II requires the incumbents to meet the qualification standards and perform duties at the required level.

ESSENTIAL JOB FUNCTIONS:

Repairs and services City vehicles and equipment to ensure their safe, reliable and efficient operation; performs complete engine overhaul; repairs and adjusts engines, transmissions, clutches, differentials, carburetors, generators, distributors and fuel pumps; fits and adjusts bearings; installs axles; fits pistons and rings; makes minor repairs to radiators; may fabricate and weld as required; installs and reconditions electrical systems, cleans and adjusts spark plugs; tests and repairs starters; recharges batteries; overhauls hydraulic cylinders; relines and adjusts brakes; operates motor equipment in connection with repair and servicing; transports vehicles and equipment such as motorcycles, cars, vans, trucks, and tractors to and from the City Yard and other facilities within or outside the City; works with outside vendors to obtain and order parts, materials or schedule service; data enters workload statistics and other information into the automated system; removes and replaces defective mobile radios; maintains simple records. May be required to work shifts, weekends, and/or holidays.

QUALIFICATIONS:

Training and Experience-Equipment Mechanic I: Completion of an apprenticeship-training program in the automotive maintenance trade.

Training and Experience-Equipment Mechanic II: Completion of an apprenticeship-training program in the automotive maintenance trade and one year of journey level experience in the maintenance of gasoline or diesel powered equipment.

License: Possession of a valid California Class "C" driver's license at the time of employment. Possession of a Class "A" Driver's License with tanker endorsement and an M1 Driver's License is required within one year of employment.

Other: Must furnish toolbox and appropriate supply of hand tools to be able to perform essential job functions.

Knowledge, Skills, and Abilities: Knowledge of: the tools, equipment and procedures used in the overhaul, repair and adjustment of motor equipment; fuel, ignition, electrical and cooling systems and of their repair and adjustment; the operations and care of internal combustion engines, chassis, parts and replacements; Skill in: operating shop tools, including drills, pressers, grinders, reamers and brake relining machines safely and efficiently; effectively communicating with City staff and vendors; working cooperatively and effectively with others. Ability to: Diagnose vehicle and engine problems; make repairs to motor equipment; use a personal computer.

PHYSICAL DEMANDS AND WORKING CONDITIONS:

While performing the duties of this job, the employee is frequently required to drive and operate various types of equipment, stand, walk, use hands to handle or operate objects, tools, or controls; reach, climb, balance, stoop, kneel, crouch or crawl; hear, talk, smell; and frequently use arms, legs and back to lift and/or move up to 100 pounds. Must submit to random drug testing in accordance with the City's policy regarding drug and alcohol testing for employees under the authority of the Federal Highway Administration.

The position requires specific vision abilities, including close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to focus on small objects. The employee may be exposed to variable weather conditions; regularly work near moving vehicles and mechanical parts and occasionally in high precarious places. May be exposed to wet and/or humid conditions, fumes, smoke and/or airborne particles, toxic or caustic chemicals, risk of electric shock and vibration. The noise level in the environment is usually moderate to loud.