

CITY OF FONTANA CHIEF EQUIPMENT MECHANIC

DEFINITION: Under general supervision from the Public Services Manager, leads skilled and semi-skilled mechanics in the most difficult and complex vehicle and equipment maintenance and repair work; and personally makes the most complex mechanical repairs to automotive, diesel, and other power driven equipment. The incumbent exercises functional and technical supervision over lower level, equipment maintenance staff.

ESSENTIAL FUNCTIONS: The employee must have the ability to:

- Lead, train and assist journey level and semi-skilled mechanics; assign work to mechanics; assist the Fleet Maintenance Supervisor in the day-to-day supervision activities.
- Inspect, diagnose, and locate mechanical difficulties on City automobiles, trucks, and a variety of diesel and gasoline powered maintenance and heavy construction equipment.
- Weld, fabricate and assemble parts and equipment for City automotive and heavy equipment; weld, braze, cut shape and fasten metal parts; fabricate and weld hydraulic lines, vehicle frames, chassis, and exhaust systems.
- Use welding equipment, drill presses, metal brakes, metal shears, lathes, grinders and a large assortment of other power and hand tools and measurement instruments required for journey level fabrication work.
- Overhaul, repair, and adjust engines, transmissions, differentials, clutches, fire engine pumps and valves and heavy construction equipment hydraulic systems.
- Tune up engines, replacing electrical and electronic parts and cleaning and adjusting carburetors.
- Replace or repair faulty parts including wheel bearings, clutches, or oil seals, shock absorbers, exhaust systems, steering mechanisms, and related parts and equipment.
- Install, repair and replace two-way communication equipment in city owned vehicles.
- Prepare and replace such components as generators, distributors, relays, lights and switches.
- Assist in the purchasing of equipment maintenance parts and materials.
- Maintain work, time, and material records.
- Perform smog certification on City-owned vehicles.
- Perform any other tasks or functions deemed necessary to the daily operations of the employer.

THE ABOVE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED AS NECESSARY BY THE EMPLOYER.

WORKING CONDITIONS: Position requires prolonged sitting, standing, walking on level and slippery surfaces, reaching, twisting, turning, kneeling, bending, stooping, squatting, crouching, grasping and making repetitive hand movement in the performance of daily duties. Incumbents may be required to lift, carry and/or push objects weighing 25 pounds or more. The position requires near and far vision when

inspecting work. Incumbents work in all weather conditions, use cleaning and lubricating chemicals which may expose the employee to fumes, dust and air contaminants, drive motorized vehicles, heavy equipment and work around moving traffic and often works with constant interruptions. The incumbent is also required to climb ladders, use power and noise producing tools and equipment.

EXPERIENCE AND TRAINING GUIDELINES

A combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The employee must have knowledge of:

- Tools, equipment, and procedures used in the overhaul, repair, and adjustment of gas and diesel powered equipment.
- Operation and care of internal combustion engines, fire suppression pumping systems, hydraulic equipment.
- Methods, materials, equipment and tools used in welding and fabrication work.
- Operating and repair characteristics of a wide variety of City owned equipment.
- Safe work practices.
- Principles of personnel supervision and training.

Ability to:

- Lead and train skilled and semi-skilled mechanics.
- Perform skilled welding and fabrication work.
- Perform minor and major mechanical work on mechanical equipment.
- Use a variety of tools and equipment with skill.
- Understand and carry out oral and written directions.
- Perform advanced journey level equipment mechanic work including the troubleshooting of equipment for both major and minor repair work.
- Work independently in the absence of supervision.
- Accurately determine mechanical repair needs and estimate the cost and time or repairs.
- Establish and maintain cooperative working relationships with those contacted in the course of work.

Experience: Two years of increasingly responsible experience performing automotive and equipment maintenance and repair duties.

Education: Formal or informal education or training which ensures the ability to read and write at a level necessary for successful job performance including specialized training in the maintenance and repair of gas and diesel powered equipment.

License or Certificate: Possession of, or ability to obtain, an appropriate, valid California driver's license.