


<b>JOB DESCRIPTION</b>	
City of Patterson  Human Resources	<b>EQUIPMENT MECHANIC II</b>

**JOB SUMMARY**

*Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are **not** intended to reflect all duties performed within the job.*

Under general supervision from the Equipment Mechanic Crew Leader, the Equipment Mechanic II inspects, diagnoses and performs skilled and semi-skilled mechanical repairs on gasoline and/or diesel powered automotive, heavy construction and other power-driven equipment; performs routine maintenance and servicing of vehicles and equipment; assists with the maintenance of the shop and equipment; may provide technical guidance to less-experienced employees; and performs related duties as assigned.

**The Equipment Mechanic II** is the journey level classification in the Equipment Mechanic series. Employees in this classification receive occasional supervision or assistance as new, unusual or unique situations arise and are fully aware of the operating policies and procedures of the work unit. This classification is distinguished from the Equipment Mechanic Crew Leader in that the latter is the lead or specialist classification that performs the most complex work related to the troubleshooting, maintenance and repair of the City’s automotive, diesel and public safety fleet and power driven equipment; and provides direction in a lead capacity to Equipment Mechanics I/II and assigned Public Works employees.

**SUPERVISION RECEIVED AND EXERCISED**

Receives general supervision from the Equipment Mechanic Crew Leader.

Does not routinely exercise supervision, but may provide technical guidance to less-experienced employees assigned to the Division.

**ESSENTIAL DUTIES**

*Typical essential duties may include, but are not limited to, the following:*

Inspects, diagnoses, and locates mechanical difficulties on City automobiles, trucks and a variety of diesel and gasoline powered maintenance and construction equipment.

Performs safety inspections on vehicles and equipment; performs routine repair work and reports safety and other priority repair work to supervisor.

Replaces or repairs faulty parts including wheel bearings, clutches, or oil seals, shock absorbers, exhaust systems, steering mechanisms, hydraulic systems and related parts and equipment.

Overhauls, repairs and adjusts engines, transmissions, differentials and clutches.

Tunes up engines, replaces ignition parts and cleans and adjusts carburetors and fuel injection systems.

Diagnoses and repairs such components as generators, alternators, distributors, relays, lights and switches.

Diagnoses and repairs computerized control systems, ignition systems, air conditioning systems, power steering and cooling systems.

Performs service calls; makes temporary repairs, picks up and delivers vehicles to outside garages; picks up automotive and equipment parts and supplies; road tests vehicles to insure proper operation.

Repairs, adjusts and replaces brake systems including disc, hydraulic and air brakes.

Welds, fabricates and assembles parts and equipment for City automotive and heavy equipment.

Changes and repairs tires and installs and services batteries, spark plugs, light bulbs, fan belts and other simple mechanical parts.

Services automotive equipment with gasoline and oil; keeps records of amounts used.

Assists other mechanics in the performance of mechanical repairs as required.

Assists with the purchasing of equipment maintenance and parts and materials.

Fuels, greases and lubricates automobiles, trucks and heavy automotive equipment; services batteries and other parts.

Sweeps, washes and maintains shop and equipment in a clean and orderly condition.

Steam cleans and washes motorized equipment; sweeps and vacuums car interiors; washes windows and tightens body bolts.

Performs related duties as assigned.

## **KNOWLEDGE, SKILLS, AND ABILITIES**

**Knowledge of:** Operating and repair characteristics of a wide variety of City owned light and heavy equipment; operations and care of internal combustion engines and hydraulic equipment; methods, materials, equipment and tools used in routine welding and fabrication work; tools, equipment and procedures used in the overhaul, repair and adjustment of automotive equipment and gas and diesel powered equipment; tools and materials used in the repair and adjustment of automotive equipment; lubricating systems and oils, greases and attachments used in lubricating automotive and related equipment; safe work practices; and common automotive parts and supplies.

**Ability to:** Perform journey level equipment mechanical work including the trouble shooting 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 of repairs; assist in the training and supervision of less experienced personnel; skillfully use a variety of tools and equipment; maintain a variety of shop and repair records; understand and follow oral and written directions; establish and maintain cooperative working relationships with those contacted in the course of work.

## NECESSARY SPECIAL REQUIREMENTS

Must be 18 years of age or older.

Must possess a complete set of mechanic hand tools through 1-1/2" and toolbox.

Must successfully pass a pre-employment medical examination, including a drug screen, fingerprint, background check and reference check.

Must be able to provide proof of U.S. citizenship or legal right to work in the United States.

## EXPERIENCE and CERTIFICATIONS

Any combination of education, training and experience that would likely provide the required knowledge, skills, and abilities: Normally this would include:

**Education:** High School diploma or GED equivalent supplemented by specialized training in the maintenance and repair of gas and diesel powered equipment.

**Experience:** Two (2) years of increasingly responsible automotive and equipment repair and maintenance experience.

**License or Certificate:** Possession of a valid California Class B driver's license.

Possession of EPA Section 609 certification issued by an EPA approved program within one year of appointment.

Possession of two ASE Certifications within one year of appointment.

Possession of a valid California Class A driver's license within 6 months of appointment; failure to obtain the required license within this period may result in release from probation.

## PHYSICAL REQUIREMENTS

**Physical Requirements:** Position requires the ability to frequently walk, bend, stand, crouch, or climb; lift and carry and/or push or pull job related equipment and parts weighing up to 90 pounds; constantly use overall vision and color perception to read, write, and make observations while troubleshooting; frequently use hands and fingers to grasp and hold hand and power tools and parts; reach with hands and arms; use hands and feet to safely operate a variety of vehicles and heavy equipment; hear well enough to converse on the telephone and in person; perform heavy manual labor for extended periods of time; and tolerate extreme fluctuations in temperature while performing essential functions.

**Environmental Conditions:** Work is performed in both a shop and field environment that includes working near moving mechanical parts, exposure to loud equipment and machinery, exposure to fumes and/or other environmental substances, and variation in temperatures and weather conditions; and requires travel from site to site. This classification is assigned to the miscellaneous bargaining unit for labor relations purposed and is subject to overtime, callback, and standby assignments.

**FLSA Status:** Non-Exempt

**Revised:** August 2022