



CITY OF CHINO

Equipment Mechanic

Definition:

Under general supervision, performs a variety of general, skilled or semi-skilled duties in the servicing, repair, and adjustment of automobiles, trucks, construction equipment, and other related equipment powered by gasoline and diesel fuel; and does related work as assigned.

Class Characteristics:

Equipment Mechanics perform journey level mechanic work and are expected to perform assigned activities without detailed instruction as to specific procedures to be followed. Positions in this class may also be expected to assist in the training of less experienced personnel.

Essential Functions:

- Examine and locate mechanical defects in a wide variety of vehicles and construction equipment; diagnose trouble and determine the extent of necessary repairs.
- Perform major mechanical repairs; smog testing; disassemble, repair, and replace worn parts; fit new parts, and adjust water and fuel pumps, carburetors and fuel injectors, governors, starting motors, clutches, differentials, brakes, and steering gear.
- Tune up engines; take compression tests; repair standard and electronic ignition systems and adjust timing and valves; replace or adjust emission control systems; and install new or rebuilt engines.
- Overhaul hydraulic, booster, and vacuum systems; and rewire and recondition electrical systems.
- Perform front end alignments and wheel balancing; and repair or replace exhaust systems, ignition and door locks, window vents and regulators, and dash gauges.
- Service, repair, and maintain power lawn mowers, small gasoline engines, pumps, and miscellaneous equipment and tools.
- May use arc and gas welding equipment and techniques to construct, repair, and modify parts and equipment; perform basic body repair work and machine shop work; fabricate special construction and maintenance equipment.
- Keep records of time, materials, parts, and work performed; order supplies, materials, parts, and equipment; make recommendations on the need to replace equipment or vehicles.
- Interact with co-workers at all levels in the organization in a collaborative and customer service-oriented manner.
- Maintain prompt and regular attendance.
- Perform all duties within the context of the City's Mission Statement and Organizational Values.

Qualifications:

Any combination of education and experience that provides the required knowledge, skills, and abilities to perform the essential job duties of the position is qualifying. Incumbents will possess the most desirable combination of training, skills, and experience, as demonstrated in their past and current employment history. A typical example includes:

Education:

- High School Diploma or G.E.D. (required).

Experience:

- Three years of experience as an automotive service worker or equipment mechanic.

Considerable knowledge of:

- Techniques and methods of overhauling and repairing gasoline and diesel powered equipment and related components, including engines, carburetors, and electrical systems.
- Theory, care, and operation of gasoline and diesel powered internal combustion engines and mechanical components for the maintenance and repair of mechanical equipment.
- Methods, materials, tools, and equipment of the trade and their use in the maintenance and repair of mechanical equipment.
- Preventive maintenance inspection methods.

Ability to:

- Diagnose mechanical problems and determine appropriate maintenance work.
- Repair and overhaul gasoline and diesel powered equipment and related components with a minimum of supervision.
- Understand and follow verbal and written directions.
- Prepare simple records such as completing work orders and logging completed work in individual vehicle folders.
- Work safely and efficiently.
- Deal tactfully and courteously with internal and external customers.

Special Requirements:

- The Equipment Mechanic must provide his/her own journeyman set of hand tools and a tool box. (NOTE: Due to the cost involved in maintaining an adequate tool inventory, the City provides an annual tool allowance.) The following is an example of the types of hand tools required: Metric and SAE combination wrench set, up to and including 1-1/8", 1/4" drive and up to 1/2", metric and SAE socket and ratchet sets, screwdrivers, pliers, pry bars, hammers, hacksaw, files, puller and assorted pieces of a Torx drive set.

Equipment Mechanic

- Possess and maintain a valid Class A California Driver License and a satisfactory driving record, or have the ability to obtain a valid Class A California Driver License within one year from the date of appointment.
- Receive satisfactory results from a background investigation, a physical examination, which includes a drug screen, and an administrative review.

Physical Profile:

Category II; 2, 4, 5, 6, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20.

Link to description [here](#)

Employee Unit:

Chino Public Works Services Association (CPWSA)

Revised: 10/04/16

Replacing: 08/13/15