

MECHANIC II

DEFINITION

Under general supervision, to perform a variety of skilled inspection, diagnosis, maintenance, servicing, and repair work on gas, propane, and diesel power driven equipment; and to do related work as required. Serves as Disaster Service Worker. FLSA Status: Non-exempt. Bargaining Group: Miscellaneous Unit.

DISTINGUISHING CHARACTERISTICS

This is the advanced working level in the Mechanic series. Incumbents perform a variety of skilled maintenance and repair work on City automotive, emergency service, small engine, and landscape maintenance equipment as well as heavy power-driven equipment and busses. This class is distinguished from Mechanic I in that Mechanic II incumbents perform mechanical work on heavy construction equipment, busses, or equipment having hydraulic systems. Incumbents in this class are subject to twenty-four hour "call out."

REPORTS TO

Public Works Superintendent, or as assigned.

CLASSIFICATIONS SUPERVISED

Provides lead direction, work coordination, and training for Mechanic I.

ESSENTIAL FUNCTIONS

Duties may include, but are not limited to:

- Reliable and dependable attendance and punctuality.
- Inspects, locates, and diagnoses mechanical and/or electrical defects on City trucks, Police cars, and a variety of light and heavy maintenance and construction equipment.
- Determines extent of necessary repairs.
- Overhauls, repairs, and adjusts transmissions, differentials, air brakes, air conditioning, hydraulic systems, clutches, and engines.
- Tunes-up engines, replacing ignition parts and cleaning and adjusting carburetors and fuel injection systems.
- Replaces and repairs faulty parts including wheel bearings, oil seals, shock absorbers, exhaust systems, steering mechanisms, and other components.
- Works on generators, distributors, relays, lights, and switches.
- Changes and installs belts and hoses.
- Maintains time and materials records for work orders.
- Changes tires according to seasonal requirements.
- Orders and maintains inventory of requisite parts and supplies.
- Carries out preventive maintenance programs.
- May weld and fabricate parts and equipment.
- May make field and emergency repairs.
- Installs emergency warning equipment.
- May road test repaired equipment.

- May transport heavy duty equipment to/from various repair facilities.
- Serves and repairs backup generators at well sites throughout the City.
- Perform related duties as assigned.

Knowledge of:

- Practices, tools, equipment, and materials used in skilled gas, propane, and diesel-powered equipment maintenance and repair work.
- Operation and care of internal combustion engines and components.
- Principles and methods of preventive maintenance.
- Small engine repair and maintenance.
- Safe work practices and procedures.
- Hydraulic valves and controls, hydraulic and air brake systems, and electronic ignition systems.
- Principles and methods of gas and electrical welding.

Ability to:

- Inspect gas, propane, and diesel-powered equipment and accurately diagnose electrical, hydraulic, and mechanical defects.
- Skillfully use a variety of hand and power tools in the maintenance and repair of automotive equipment, heavy equipment, and busses.
- Perform skilled testing, adjustment, repair, and overhaul work on automotive equipment, heavy equipment, and busses.
- Read and interpret shop and repair manuals.
- Apply technical knowledge of mechanical and electrical trades work.
- Estimate time and materials for repair jobs.
- Maintain accurate records and reports.
- Operate light and heavy equipment in a safe manner.
- Maintain appropriate certifications and licenses designated by the City of Atwater.
- Establish and maintain effective relationships with those contacted in the course of work.
- Make sound decisions and demonstrate intellectual capabilities.
- Maintain effective audio-visual discrimination and perceptions needed for making observations, communicating with others, reading, writing, and operating assigned equipment.
- Learn and follow Department operations, policies, and procedures.

TYPICAL PHYSICAL REQUIREMENTS

Occasionally sit; frequently stand, walk, stoop, kneel, and crouch; normal manual dexterity and eye-hand coordination; ability to lift and move objects weighing up to 50 lbs.; corrected hearing and vision to normal range; verbal and written communication; use a variety of hand and power equipment and electrical testing equipment used in the mechanical trades; use a computer and telephone.

TYPICAL WORKING CONDITIONS

Work is performed in a shop environment; occasionally work outdoors in varying temperatures; exposure to hazardous materials, smoke, gasses, and fumes; exposure to

hazards such as moving machine parts and electrical current; continuous contact with other staff.

MINIMUM QUALIFICATIONS

- Must be age eighteen (18) by date of appointment.
- Equivalent to the completion of the twelfth grade.
- Possession of a valid California Commercial Class "B" driver's license.
- Two (2) years of increasingly responsible work experience as a journey-level automotive mechanic including substantial experience in working on heavy construction equipment and/or busses.

DESIRED QUALIFICATIONS

- One (1) year of experience in a lead position.

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