

MECHANIC

General Statement of Duties: Under general supervision, to perform a variety of more complex automotive equipment repair tasks, such as inspecting, repairing and rebuilding equipment including cars, trucks, tractors and other power driven equipment; and to perform related work as required.

Supervision Received: Work is performed under the general supervision of a supervisor.

Typical Examples of Work: An employee in this class may be called upon to do any or all of the following: (These examples do not include all of the tasks which the employee may be expected to perform).

Certification of Mechanics

Employees shall be or become certified within six (6) months of hire date in the following automobile and light truck repair for vehicles under 10,000 pounds G.V.W. categories: #2 (Engine Tune-Up/Performance); #4 (Brakes & Braking Systems), and #8 (Heating & Air Conditioning). A list of certification categories is set forth in Article XIV of the Collective Bargaining Agreement between the City of Wyandotte and AFSCME Local #894.

Examples of Work

- Perform the more difficult and complex repair work involving heavy automotive and other equipment such as cranes, tractors, graders, sweepers and trucks.
- Adjust, repair and replace parts in engines, transmissions, differentials and other equipment.
- Inspect equipment, analyze trouble and plan sequence of repair operations.
- Perform bumping, painting, heating, drilling, bolting, welding, brazing, soldering or cutting operations.
- Make repairs to the electrical systems of automotive and power driven equipment.
- Inspect bodies and replace body units and fixtures.
- Reline and adjust brakes and make repairs to hydraulic systems.
- Perform motor tune-ups on all types of automotive equipment.
- Perform welding operations.
- Perform front end alignment, balance wheels, repair tires and replace shock absorbers.
- Operate a variety of power operated and hand tools and equipment used in automotive repair and maintenance work.
- Prepare records and reports.
- Perform related work as required.
- Work as an Operator or Laborer when needed.

Desirable Qualifications for Employment:

Considerable knowledge of the standard practices, methods, tools and equipment used in maintaining, repairing and rebuilding a variety of automotive and power-driven equipment.

Considerable knowledge of internal combustion engines, automotive electricity, transmissions, differentials, brakes, carburetors and other components of automotive equipment.

Reasonable knowledge of welding and cutting techniques.

Skill in the operation of a variety of tools and equipment used in automotive repair and maintenance activities.

Ability to analyze and repair mechanical failures in heavy automotive and other equipment.

Mechanical aptitude. Familiarity of computers and ability to utilize a computer to analyze mechanical failures.

Physical agility.

Ability to work effectively with others.

Acceptable Experience and Training

An employee in this class, upon appointment, should have the equivalent of the following training and experience:

- Graduation from an accredited High School, including or supplemented by, technical training in general shop and auto repair work.
- Several years responsible experience in repairing and overhauling a variety of heavy and other automotive and power-driven equipment.

Revised
1-2018