

Class Code: 534503
Pay Grade: 17
Unit: Excluded
FLSA: Non-Exempt

MECHANIC

Distinguishing Features of the Class:

Under general supervision, repairs, overhauls, maintains and services automotive, heavy and other specialized mechanical equipment, and does related work as required.

Illustrative Examples of Duties:

1. Overhauls engines performing repair or replacement, reassembly, adjustment and testing of all engine systems to include valves, crankshaft, connecting rods, wrist pins, pistons, rings and bearing inserts, timing gears and chains or belts, crankshafts, distributors, oil, water and fuel pumps, generators, alternators, carburetors, ignition, electrical and cooling systems.
2. Maintains brake systems performing troubleshooting, inspection, repair, adjustment and testing including brake relining and drum grinding, repair or replacement of master and wheel cylinders, repair or replacement of brake lines.
3. Maintains drive train and chassis on automotive and specialized construction and maintenance equipment, performing diagnosis, inspection, repair, adjustment and testing of transmissions, differentials, springs, shock absorbers, steering assembly, treads, blades, bodies and systems.
4. Performs related work as required.

Required Knowledge, Skills, and Abilities:

- Knowledge of automotive and heavy equipment.
- Knowledge of repair test equipment and shop tools including drills, grinders, presses, micrometers, boring bars, reamers, brake relining and drum grinding machines.
- Knowledge of occupational hazards and safety precautions.
- Knowledge of CPR/first aid procedures.
- Ability to diagnose automotive and heavy equipment engines, systems or body defects.
- Ability to detect, by inspection or test, worn, broken or improperly adjusted parts or assemblies.
- Ability to keep records of repair and service operations and to make reports.
- Ability to travel to remote work sites.
- Ability to follow oral and written instructions accurately.
- Ability to establish/maintain effective working relationships with co-workers, representatives of other agencies, County personnel, and the general public.

- Ability to obtain/maintain a valid Class A Commercial Driver's License issued by the State of Iowa.

Training and Experience:

- Specialized trades training in one or more of the following fields: automotive, agriculture, or industrial
- Two years of experience in working with automotive and construction equipment, or
- Any equivalent combination of training and experience that will have provided the required knowledge, skills, and abilities.

Special Requirement:

- Pre-employment physical examination is required.
- A drug screen may be required prior to final offer of employment.
- A criminal background check may be required.

Adopted:
Revised: 03/19/13