

MECHANIC 2

DEFINITION

To maintain, repair and overhaul automobiles and light trucks or machinery and heavy equipment.

CLASS CHARACTERISTICS

This is the full journey level class within the Mechanic series. Employees within this class are distinguished from the Mechanic 1 by the performance of the full range of duties as assigned including diagnosis of mechanical problems and determining appropriate course of action; however, they are not required to be fully trained in both light and heavy duty mechanics as is the Senior Mechanic. Employees in this classification may be assigned to work either on automobiles and light trucks, or machinery and heavy construction equipment.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Shop Supervisor, and technical and functional supervision from a Lead Mechanic.

EXAMPLES OF DUTIES - Duties may include, but are not limited to the following:

Diagnoses mechanical problems using a variety of equipment.

Dismantles and assembles equipment using hoist, cranes, etc.

Repairs, adjusts, overhauls or rebuilds engines, transmissions and differentials.

Rebuilds starters, generators, alternators.

Replaces U-joints and clutches.

Tests emission control systems.

Diagnoses air and hydraulic problems.

Performs front-end alignments.

Repairs air, hydraulic and electrical brake systems.

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EXAMPLES OF DUTIES (con't)

Repairs flat tires and mounts tires on wheels for light vehicles and heavy equipment.

May perform retrofitting of specialized equipment and accessories.

Performs complete brake jobs and adjusts brakes on all equipment.

Inspects, repairs and replaces defective parts as needed.

Rebuilds and fabricates various equipment such as water tanks, mowing equipment, walking floors, etc.

Performs repairs to equipment in the field.

Prepares work orders and maintains daily work log.

MINIMUM QUALIFICATIONS

Knowledge of:

Standard methods, tools and materials used in maintaining, repairing and overhauling automobiles and trucks or heavy equipment.

Principles of internal combustion.

Diesel engines and their components.

Use of testing and diagnostic equipment such as engine and emission analyzer.

Use of hydraulic testing equipment.

Standard methods, tools and materials used in machine work.

Use of welding equipment and lathes.

Safety practices related to mechanical work both in the shop and in the field.

Ability to:

Evaluate, make decisions and take appropriate action.

Understand and follow oral and written instructions.

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Ability to: (con't)

Interpret schematics, both electrical, and hydraulic.

Operate vehicles or heavy equipment for diagnostic or testing purposes.

Improvise and make repairs in the field under adverse conditions.

Fabricate special parts or pieces of equipment.

Lift heavy parts of equipment.

Perform basic mathematical computations for fabrication and work layout.

Experience and Training

Training:

Equivalent to the completion of the twelfth grade supplemented by completion of a two-year training program/apprenticeship in automotive or heavy equipment mechanics.

Experience:

Three years of responsible experience as an automotive or heavy equipment mechanic.

An equivalent combination of experience and training that will demonstrate the required knowledge and abilities is qualifying.

Special Requirements:

Possession of a valid Oregon Driver's License at time of appointment.

Possession of a valid Oregon Commercial Driver's License (CDL) within 30 days of appointment. Ability to obtain appropriate CDL endorsements as necessary.

De minimus changes updating work being performed in this classification approved by County Administrator and HR Manager 3/25/05.

De minimus change adding Oregon Driver's License requirement approved by HR Manager 08/17/05