

SENIOR MECHANIC

DEFINITION

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

CLASS CHARACTERISTICS

This is the advanced journey level class in the Mechanic series. Positions at this level perform the full range of duties assigned in both light- and heavy-duty mechanics. Employees perform the most difficult and responsible types of duties assigned to classes within this series including diagnosis of mechanical problems and determining appropriate action on all vehicles and equipment. Employees at this level are distinguished from other classes within the series in that they are required to be fully trained in all procedures related to maintenance, repair and overhaul of both automobiles and light trucks and machinery and heavy equipment.

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Shop Supervisor, and may receive technical and functional supervision from a lead worker.

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.

LANE COUNTY
Senior Mechanic (continued)

EXAMPLES OF DUTIES (con't)

May perform retrofitting of specialized equipment and accessories.

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

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 logs.

MINIMUM QUALIFICATIONS

Knowledge of:

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

LANE COUNTY
Senior Mechanic (continued)

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:

Four years of responsible experience as a general mechanic, including at least one year of experience on automobiles and light trucks and at least one year on heavy equipment.

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 change adding Oregon Driver's License requirement approved by HR Manager 8/17/05.