

## MECHANIC I

### DESCRIPTION OF WORK

Work in this class involves the performance of semi-skilled duties in the maintenance and repair of automotive and related equipment including the advanced phase of on-the-job training; or work may involve the performance on a continuing basis of a variety of tasks in the repair or replacement of parts on automotive or construction equipment other than the integral parts of the power unit.

Assignments are received from a journeyman mechanic or mechanic foreman, and employee in this class will be guided in the repair principles and techniques until he masters the work involved. The degree of supervision received will vary depending upon the variety of assignments and the person's aptitude and ability to acquire the skills required. Upon the satisfactory completion of the various assignments, an employee will be expected to qualify -for journeyman level assignments. Work will be reviewed by a mechanic or foreman to determine that the employee understands the basic principles and techniques as well as for the satisfactory completion of repair assignments.

### EXAMPLES OF DUTIES PERFORMED

Removes, repairs, reassembles, and replaces transmissions, clutches, fuel pumps, starters, and generators in addition to all parts contained in the motor block or other assemblies in connection with completing the advanced phases of mechanic training.

Removes, repairs, and replaces hydraulic controls, conveyor assemblies, and similar or related parts of highway construction and maintenance machinery.

Balances wheels, relines brakes, sets points, refaces valves, and rebuilds and aligns front ends, shock absorbers, king pin bushings, and related parts or mechanisms.

Repairs distributors, carburetors, and volt regulators under supervision of higher level mechanic or foreman.

With the aid of hand tools, dismantles dragline, payloader, rock crusher, power shovel, and other highway construction equipment; replaces and reassembles rollers, shavers, cables, belts and pulling gears.

Uses such instruments, machines, and tools as wheel balancing machine, timing light, tachometer tester, valve refacer, sander, volt and ampere meter tester, and armature lathes. Inspects and evaluates worn tires and tubes.

Performs related duties as required.

### RECRUITMENT STANDARDS

#### Knowledges, Skills, and Abilities

Some knowledge of the techniques and methods involved in determining and solving mechanical difficulties.

Some skill in the performance of complex duties relating to the repair and maintenance of automotive equipment.

Ability to use and operate the various machines and instruments commonly found in an automotive repair shop.

Ability to follow oral and written instructions.

Physical strength sufficient to work at heavy manual labor for considerable periods of time.

Minimum Education and Experience Requirements

High school or General Educational Development diploma or a sufficient year-for-year combination of education and experience in the repair work to which assigned; or an equivalent combination of education and experience.

Necessary Special Qualifications

May require current certification by the EPA as a Type I, II, III or Universal technician as required by 40 CFR part 82, subpart F.

Special Note

This is a generalized representation of positions in this class and is not intended to identify essential functions per ADA. Examples of work are primarily essential functions of the majority of positions in this class, but may not be applicable to all positions.