

## **AUTOMOTIVE MECHANIC II**

**DISTINGUISHING FEATURES OF THE CLASS:** Performs a variety of skilled work involving responsibility for the efficient and complete overhaul and repair of a wide variety of automotive and road construction equipment. General instructions are received regarding the tasks to be performed, permitting considerable leeway in planning the details of each assignment. Does related work as required.

**TYPICAL WORK ACTIVITIES:** (Illustrative Only) Performs skilled operations in the diagnosis, repair, and maintenance of gasoline and diesel motor equipment, including trucks, tractors, cranes, rollers, bulldozers, and snow plowing equipment; Replaces or repairs motors, pumps, fuel pumps, generators, carburetors, and shock absorbers; Repairs electrical systems, transmissions, brake systems, differentials, and front and rear axles; Tunes engine and sets the timing; Makes welding repairs to automotive and related equipment; Uses a variety of machine tools, such as lathes, drill presses, hydraulic hose machine, computer scanner, electrical multimeter, pressure gauges, and related tools; Installs and removes equipment attachments and auxiliary equipment; Inspects machinery and equipment for needed repairs, overhauling, adjustment, and parts; Operates various types of equipment in connection with repair work; May operate equipment to assist in road maintenance; Adjusts steering mechanisms and aligns wheels; Performs motor vehicle inspections; On-going training on equipment (such as computer-operated trucks, computer-monitored salt spreaders, laser grade controls, etc.) and safety procedures (including, but not limited to, safety data sheets and lock-out tag-out procedures; Assists in training subordinates of all tasks above.

### **FULL PERFORMANCE, KNOWLEDGE, SKILLS, ABILITIES, AND PERSONAL**

**CHARACTERISTICS:** Good knowledge of standard automotive repair methods, terminology, tools, diesel engines, transmissions, control and hydraulic systems on heavy equipment and safety precautions of the trade; Skill in performing automotive maintenance and repair tasks; Skill in the safe and efficient operation of motor equipment; Ability to operate oxygen-acetylene cutting and welding ARC equipment; Ability to understand and work from plans, sketches, diagrams and service guidance and manuals; Ability to understand written and oral instructions; Ability to operate a computer as necessary for diagnostics and repair; Good motor and hand and eye coordination; Dexterity; Willingness to respond to emergencies and work under adverse weather conditions; Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Either:

- A. Graduation from a two-year technical school or community college with an Associate's Degree or certificate in automotive technology or mechanics and one year of experience in repair and maintenance of automotive equipment, experience shall include diagnosing problems, system testing, parts replacement, and performance adjustment; OR
- B. Graduation from a high school technical or vocational program in automotive mechanics and two years' experience in repair and maintenance of automotive equipment, experience shall include diagnosing problems, system testing, parts replacement, and performance adjustment; OR
- C. Graduation from high school or possession of a high school equivalency diploma and three years' experience in repair and maintenance of automotive equipment, experience shall include diagnosing problems, system testing, parts replacement, and performance adjustment; OR
- D. Five years' of full-time verifiable experience in repair and maintenance of automotive equipment, experience shall include diagnosing problems, system testing, parts replacement, and performance adjustment.

**SPECIAL REQUIREMENTS:**

1. Valid Class B CDL Driver's License with Air Brakes must be obtained within 12 months of hire and must be maintained during employment.
2. Motor Vehicle Inspector's Certificate must be issued by the State Department of Motor Vehicles within 6 months of hire, which must be maintained during employment if the duties include vehicle inspection.
3. Must provide own tools.

**NOTE:** Study in a technical school, community college, post high school certificate program in automotive mechanics or technology may be substituted for the required non-specialized experience on a year-for-year basis.

**NOTE:** Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree was awarded by an educational institution outside the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee .

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