

Class Concept

Positions in this class perform skilled small engine, automotive, and/or heavy equipment repair. Work includes performance of a wide range of progressively responsible tasks involving the service, inspection, repair, rebuild and diagnosis of a diverse number of mechanical systems for a variety of gasoline, diesel, and alternative powered engines/equipment. Work ranges from inspection and service to highly complex mechanical systems analysis using advanced diagnostic instruments and software; conducting parts/systems failure analysis; and the calibration, adjustment and operation of engine analyzers.

Some positions in this class may perform skilled work in the straightening and replacing automotive bodies, fenders, panels and related parts. Vehicle body work is performed in accordance with standard automotive body repair practices.

Positions must routinely determine materials, techniques and tools to accomplish work assignments. Work assignments vary in complexity depending on the type of mechanical system and ancillary components/equipment. Employees in this classification perform a variety of recurring and non-recurring work such as electrical, suspension, brake system repair, and /or fitting and repairing more complex ancillary and specialized equipment. The extent of repair work to done may require consultation with a higher level technician or a supervisor.

Recruitment Standards

Knowledge, Skills, and Abilities

- Considerable knowledge of the techniques and methods involved in determining and solving mechanical difficulties.
- Ability to use and operate the various machines and instruments commonly found in an automotive and/or heavy equipment repair shop.
- Working knowledge of the design of automotive bodies and related parts and of methods, tools and equipment used in their repair or replacement
- Working knowledge of the strength and malleability of metals
- Working knowledge of the principles of acetylene welding as applied to body repair work
- Skill in the performance of complex duties relating to the repair, maintenance and/or body work of automotive and/or heavy equipment.
- 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

High school or General Educational Development (GED) diploma and two (2) years of experience in the area of assignment, 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.