

Class Concept

Positions in this class perform highly skilled automotive and heavy equipment work. 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 the most complex mechanical systems analysis using advanced diagnostic instruments and software; conducting parts/systems failure analysis; and the calibration, adjustment and operation of engine analyzers and rebuilding of mechanical components.

Some positions in this class may perform highly 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.

Employees must routinely determine materials, techniques and tools to accomplish work assignments, oftentimes in the capacity of a team lead role with limited to no direct supervision. Work assignments vary in complexity depending on the type of mechanical system and ancillary components/equipment. Employees in this classification perform advanced level work such as diagnostic analysis, computer systems, and electronic control systems. Some positions in this classification may have supervisory responsibility over small teams or individual lower level Vehicle & Equipment Repair Technicians.

Recruitment Standards

Knowledge, Skills, and Abilities

- Thorough 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, as well as a variety of specialized equipment specific to the area of assignment.
- Considerable to thorough knowledge of the design of automotive bodies and related parts and of methods, tools and equipment used in their repair or replacement
- Considerable knowledge of the strength and malleability of metals
- Considerable knowledge of the principles of acetylene welding as applied to body repair work
- Skill in the performance of the most 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 three (3) 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.