

FLEET EQUIPMENT TECHNICIAN IIIDEFINITION

Under direction, performs a variety of highly skilled, complex and difficult tasks involved with the diagnosis, repair and maintenance of a diverse automotive and diesel powered fleet.

ESSENTIAL FUNCTIONS INCLUDE BUT ARE NOT LIMITED TO

Inspects vehicles and equipment; evaluates and estimates repair costs. Performs computer-assisted analysis of fuel, electrical and mechanical systems and makes recommended repairs. Overhauls, repairs and adjusts engines, compressors, pumps, hydraulic systems, air brake systems, electrical systems, fuel systems, suspension and steering systems, transmissions and all related components. Drives and test-drives automotive and/or heavy equipment, as assigned. Performs required State safety inspections and smog checks to ensure compliance with State regulations. Performs minor welding jobs and fabrications. Climbs on, under and inside automotive and heavy equipment. Orders parts and operates computer to maintain equipment/repair records. Assists in training programs for lower level staff. May supervise section in absence of Fleet Equipment Supervisor. Performs other related functions as required.

DISTINGUISHING FEATURES OF THE CLASS

This is the advanced journey level classification in the fleet equipment maintenance and repair series. This class is distinguished from Fleet Equipment Technician II in that this class not only performs more complex and difficult tasks on either light or heavy equipment, but those tasks are accomplished more independently. The Fleet Equipment Technician III is responsible for maintaining the State of California Smog Check program for City vehicles. This class differs from the next higher class of Fleet Equipment Supervisor in that the latter is the full first-line supervisory class in the Fleet Division, and is responsible for one of four sections.

RECOMMENDED MINIMUM QUALIFICATIONS

Successful completion of the probationary work test period and three years as a Fleet Equipment Technician II with the City of Santa Ana, OR completion of the probationary work test period as a Fleet Equipment Technician II and four years paid journey level mechanic experience; and possession of the following knowledge, skills and abilities:

Desirable Knowledge, Skills and Abilities

Thorough knowledge of: operating principles of automotive/diesel powered fleet equipment; principles and methods of computer assisted analysis of fuel, electrical and mechanical systems; preventative maintenance inspection methods; techniques of repair and maintenance of engines, compressors, pumps, hydraulic systems, air brakes, electrical systems, fuel systems, transmissions, and all related components; safety practices as applied to automotive/diesel repair and operation.

Ability to: diagnose repair needs, evaluate and estimate cost and perform necessary repairs on gasoline and diesel-powered automotive engines and electrical and mechanical components; perform State safety inspections and smog checks; operate a computer to maintain equipment and repair records; climb on and safely operate a variety of automotive and heavy equipment, as assigned; assist with training lower level staff; direct work of section in absence of supervisor; establish effective working relationships with fellow employees and members of other departments.

Special Requirements

Must possess an advanced set of specialty automotive tools in a rollaway toolbox.

Must possess and keep current a California Class B or C Driver's License, as a condition of employment. Must obtain and keep current a valid Class A Driver's License as a condition of employment, when assigned to an area where driving heavy equipment (over 26,000 lbs.) is an essential element of the duties performed. By the end of the probationary period, must possess and keep current valid certifications of a passing score from the National Institute of Automotive Service Excellence (ASE), or the California Bureau of Automotive Repair (BAR) approved alternative courses, in the following areas: Electrical/Electronic Systems (A-6), Engine Performance (A-8), and Automobile Advanced Engine Performance Specialist (L-1); OR Diesel Engines (T-2), Electrical/Electronic Systems (T-6), and Medium/Heavy Vehicle Electronic Diesel Engine Diagnosis Specialist (L-2).

Must be able to lift and move objects weighing 60 lbs.

Must be able to climb on, under, and inside large equipment.

Special Working Conditions

Must be willing to work any shift, weekends, and to be on call on off-duty hours.

DESIRABLE CHARACTERISTICS

The successful performer is a highly skilled, reliable automotive/diesel repair professional who works well independently and who takes pride in doing high quality work in an efficient and timely manner. The appropriate individual keeps current with changes in technology, and is aware and concerned about keeping the cost of maintaining the automotive fleet to a minimum, without compromising quality. This individual works effectively as part of a team, enjoys helping to train lower level staff, and practices "total quality" service.

Class title established per Council Resolution No. 89-070
effective 7-1-89

Reviewed: 10/03

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