



CENTRAL COUNTY FIRE DEPARTMENT EMERGENCY VEHICLE TECHNICIAN I/II

Summary of Benefits: Fire Operational Support Services
FLSA: Non-Exempt

Revised and Adopted date: 4/8/2026
Effective date: 7/13/2026

DEFINITION

To perform responsible for the repair and maintenance of Fire Apparatus, department vehicles, small engine repair and pumping equipment; and to perform other duties as required.

DISTINGUISHING CHARACTERISTICS

Emergency Vehicle Technician I - This is the entry-level class in the Emergency Vehicle Technician series. Positions in this class typically have minimal directly related work experience and work under immediate supervision while learning job tasks. The Emergency Vehicle Technician I is distinguished from the II level by the performance of less than the full range of duties assigned to the II level. Incumbents work under immediate supervision while learning job tasks, progressing to general supervision as procedures and processes of assigned area of responsibility are learned.

Emergency Vehicle Technician II - This is the journey level class in the Emergency Vehicle Technician series and is distinguished from the I level by the ability to perform the full range of duties assigned with only occasional instruction or assistance as unusual or unique situations arise. Positions in this class are flexibly staffed and are normally filled by advancement from the I level.

This class is distinguished from that of the Emergency Vehicle Technician III in that the latter is an advanced journey level class responsible for highly complex technical vehicle and equipment maintenance and repair and exercises supervision over assigned staff.

SUPERVISION RECEIVED AND EXERCISED

Emergency Vehicle Technician I

Receives immediate supervision from the Emergency Vehicle Technician III and the Battalion Chief assigned to Shop Services.

Emergency Vehicle Technician II

Receives general supervision from the Emergency Vehicle Technician III and the Battalion Chief assigned to Shop Services.

ESSENTIAL DUTIES - Duties may include, but are not limited to, the following:

- Schedule and personally perform preventive maintenance, major and minor repairs of Fire Department vehicles and pumping equipment.
- Make initial inspections in difficult cases and diagnose mechanical defects.

- Provide instruction to department personnel on the maintenance and safe operation of fire vehicles and equipment.
- Maintain and repair such fire station equipment as generators, compressors and pumps.
- Maintain records of maintenance work performed, time, materials and equipment used.
- Create preventive maintenance schedule of fire apparatus from contracted agencies in conjunction with Battalion Chiefs from those agencies.
- Provide service and repair for other agencies as contracted.
- Maintain tools and equipment used in repair work.
- Ensure proper adjustment and operation of charging, fuel and other systems.
- Road test and otherwise check vehicles for proper operation and detect source of problems.
- Provide input and evaluate the specifications regarding the purchase of fire apparatus, equipment and shop tools.
- Perform routine servicing and repairs on fire apparatus and other equipment as necessary.
- May respond to emergency call out for repairs after hours or on weekends.
- Represent the Department with dignity, integrity, and the spirit of cooperation in all relations with staff and the public.
- Foster an environment that embraces integrity, service, inclusion and collaboration.
- Be an integral team player, which involves flexibility, cooperation, and communication.
- Build and maintain positive working relationships with co-workers, other Department employees and the public using principles of good customer service.
- Perform related duties as assigned.

QUALIFICATIONS

Emergency Vehicle Technician I

Knowledge of:

- Basic mechanical and electrical features of automotive and pumping equipment.
- Tools, equipment and accepted procedures used in the overhaul, repair and adjustment of heavy automotive, pumping and firefighting equipment.
- Operation and repair of internal combustion engines.
- Basic principles of aerial ladder operations.
- Principles of diesel engines, diagnostic equipment and hydraulics.
- Hazardous materials use and disposal practices.
- General knowledge of firefighting practices.
- Preventive maintenance techniques.
- Modern office practices, methods, and computer equipment including relevant software programs.
- Safe work practices.

Ability to:

- Learn to perform the duties required to analyze defects in automotive and pumping equipment and perform mechanical repairs.
- On a continuous basis, know and understand operations, and observe safety rules;

intermittently analyze problem equipment; identify and locate equipment; interpret work orders; remember equipment location; and explain jobs to others.

- Intermittently, sit while studying or preparing reports; bend, squat, climb, kneel and twist when installing, repairing, and servicing equipment; perform simple and power grasping, pushing, pulling, and fine manipulation; and lift or carry weight of 50 pounds or less.
- Learn to safely and efficiently operate lathe, milling and welding equipment, engine overhauling, and transmission work.
- Work on gas and diesel engines plus equipment listed above.
- Understand and follow oral and written instructions and give understandable instructions to others.
- Work safely with hazardous materials in confined spaces and work safely with electrical and mechanical hazards.
- Learn to diagnose defects and repair a variety of fire equipment and vehicles.
- Learn to perform routine-to-complex mechanical repair work.
- Operate and repair a variety of power and hand tools.
- Perform annual required testing for fire department pumpers and aerial ladder truck.
- Use principles of effective office safety including use of equipment in a proper and safe manner, use of preventative personal ergonomic techniques, and maintenance of safe housekeeping in personal and common workspaces.
- Read, write and comprehend the English language at a level necessary for effective job performance exercising correct English usage, vocabulary, spelling, grammar and punctuation.
- Communicate effectively, tactfully and positively in both oral and written form.
- Operate and use modern office equipment and technology, including computers and applicable software.
- Maintain regular attendance and adhere to prescribed work schedule to conduct job responsibilities.
- Utilize appropriate safety procedures and practices for assigned duties.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Contribute effectively to the accomplishment of Department goals, objectives and activities.

Emergency Vehicle Technician II

In addition to the qualifications for the Emergency Vehicle Technician I:

Knowledge of:

- Mechanical and electrical features of automotive and pumping equipment.
- Tools, equipment and accepted procedures used in the overhaul, repair and adjustment of heavy automotive, pumping and firefighting equipment.
- Operation and repair of internal combustion engines.
- Principles of aerial ladder operations.

Ability to:

- Independently perform the duties required to analyze defects in automotive and pumping equipment and perform mechanical repairs.

- Diagnose the more complex defects and repair a variety of fire equipment and vehicles.

EDUCATION AND EXPERIENCE:

Any combination of education, experience, and training that would provide the best qualified candidates. A typical way to obtain the knowledge and abilities would be:

Education:

Equivalent to graduation from high school.

Experience:

Emergency Vehicle Technician I:

Three years of skilled mechanic experience involving light and heavy-duty equipment including gas and diesel engine overhaul. Completion of a formal or technical curriculum providing a certificate in automotive mechanics may be substituted for one year of required, skilled experience. Experience involving the maintenance and major and minor repair of fire apparatus, gas and diesel firefighting equipment as listed above is highly desirable.

Emergency Vehicle Technician II:

Three years of training and experience involving the maintenance and major and minor repair of fire apparatus, gas and diesel firefighting equipment as listed above, or four years of skilled mechanic experience involving light and heavy-duty equipment including gas and diesel engine overhaul. Completion of a formal or technical curriculum providing a certificate in automotive mechanics may be substituted for one year of required, skilled experience.

License and/or Certificate:

Emergency Vehicle Technician I:

- Possession of a Class B driver's license issued by California DMV within six (6) months of hire date, and maintenance of license
- Obtain a California State Fire Marshal Fire Mechanic I certification (or equivalent) within 12 months of appointment.
- Complete all applicable exams and coursework to maintain level I certification.

Emergency Vehicle Technician II: (in addition to above)

- Possession of a Class B driver's license issued by California DMV within six (6) months of hire date.
- Obtain a California State Fire Marshal Fire Mechanic II certification (or equivalent) within 12 months of appointment.
- Complete all applicable exams and coursework to maintain level II certification.
- Complete Fire Mechanic 3B-Aerial Apparatus course within 12 months of appointment.

ENVIRONMENTAL ELEMENTS:

Work is performed in a shop and outdoor environment on a year-round basis, subject to typical field noise and exposure to loud equipment and machinery. Positions may be required to work outside of normal business including evenings and weekends. Depending upon assignment, may require standby work assignments.