



Emergency Vehicle Technician 1 Interim Procedures

Issued: August 2020

Procedure Changes

- Edition:** January 2019 edition of the State Fire Training Procedures Manual
- Effective Date:** August 1, 2020
- Section Change:** Modify Section 7.9.2: Emergency Vehicle Technician 1
- Justification:** The State Board of Fire Service approved the new Emergency Vehicle Technician 1, 2, and 3 certification tracks and curriculum. Additionally, the State Board of Fire Service approved the implementation plan to retire the Fire Mechanic I, II, and III certification tracks and curriculum on December 31, 2021.
- SFT Contact** [Contact SFT Staff](#) assigned to Instructor Registration.
- Note:** Repeal section 7.9.2 from the January 2019 edition of the State Fire Training Procedures Manual in its entirety. 7.9.2 will be replaced with the text shown below.

7.9.2: EMERGENCY VEHICLE TECHNICIAN 1

7.9.2.1: Overview

- A. Emergency Vehicle Technician 1 certification identifies the knowledge and skills necessary for the proper inspection and maintenance of emergency apparatus.
- B. Emergency Vehicle Technician 1 certification replaces Fire Mechanic I, scheduled to retire on December 31, 2021.
- C. Candidates pursuing Fire Mechanic I certification under that certification's requirements must complete all requirements and submit all application materials and fees postmarked on or before December 31, 2021.
- D. As of July 1, 2018, candidates pursuing Emergency Vehicle Technician 1 certification should utilize the Emergency Vehicle Technician 1 curriculum.

7.9.2.2: History

- A. Established
 - September 1, 1984
- B. Revised
 - January 1, 2001



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- National Institute for Auto Service Excellence (ASE) test on Preventative Maintenance Inspections (T8) added
- ASE test on Drive Train (T3) deleted
- ASE test on Engine Performance (A8) deleted
- Experience requirement of heavy equipment mechanic changed to automotive or truck mechanic
- Recertification requirement added
 - Fire Mechanic I certificates expired within one year are eligible for recertification
- January 1, 2003
 - Experience acquired through private industry qualifies
- October 1, 2018
 - Curriculum updated using 2012 State Fire Training Curriculum Development Model and to align with *NFPA 1071: Standard for Emergency Vehicle Technician Professional Qualifications* (2016 edition)
 - Fire Mechanic terminology changed to Emergency Vehicle Technician
 - The following classes will be retired or moved to the Fire Service Training and Education Program (FSTEP):
 - Allison Transmission
 - Ambulance Service and Maintenance
 - Aerial Apparatus
- August 1, 2020
 - Curriculum updated using 2012 State Fire Training Curriculum Development Model and to align with *NFPA 1071: Standard for Emergency Vehicle Technician Professional Qualifications* (2020 edition)

7.9.2.3: Prerequisites

A. Not applicable

7.9.2.4: Education

- A. CAL FIRE State Fire Training (SFT)
1. Emergency Vehicle Technician 1A: Emergency Vehicle Systems: Chassis, Cab, Body, Tank and Accessories; or Preventative Maintenance (CFMA) **or** Knowing Your Apparatus (CFMA)
 2. Emergency Vehicle Technician 1B: Electrical Systems A
 3. Emergency Vehicle Technician 1C: Pumps and Accessories; or Fire Mechanic I: Fire Pumps and Accessories (SFT)



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- B. National Institute for Auto Service Excellence (ASE). Must be valid (not expired) at time of application.
 - 1. Gasoline Engines (T1)
 - 2. Diesel Engines (T2)
 - 3. Drive Train (T3)
 - 4. Brakes (T4)
 - 5. Suspension and Steering (T5)
 - 6. Preventative Maintenance Inspections (T8)
- C. Department of Transportation (DOT). Must be valid (not expired) at time of application.
 - 1. Brake Inspector Qualification

7.9.2.5: Certification Exam

- A. Emergency Vehicle Technician 1 Certification Exam
 - 1. An independent third-party testing agency will administer certification exams.
- B. The California Fire Mechanics Academy, Inc. (CFMA) will proctor and administer certification exams developed by Emergency Vehicle Technician Certification Commission (EVTCC) for each level of certification.
- C. EVTCC certification examinations will be valid for five (5) years. The EVTCC certification examination must be current in order to complete the application process.

7.9.2.6: Certification Task Book

- A. Emergency Vehicle Technician 1 Certification Task Book

7.9.2.7: Experience

- A. Fire Service (one of the following three options required)
 - 1. Have a minimum of two (2) years full-time, paid experience in a California fire department, public agency, or private industry as an automotive or truck mechanic, with one (1) year of which must be related to the maintenance of emergency response vehicles; or
 - 2. Have a minimum of three (3) years full-time, paid experience in a California fire department, public agency, or private industry as a truck mechanic with no emergency response vehicles required; or



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3. Have a minimum of four (4) years volunteer time or paid part-time, paid experience in a California fire department, public agency, or private industry as a truck mechanic with primary duties performing as a truck mechanic.

7.9.2.8: Position

- A. Not applicable

7.9.2.9: Application

- A. See **7.2.4: Application Process – With a Certification Task Book.**
- B. Supporting Documentation
 1. Copies of ASE test completion certificates
 - i. ASE certificates must be current at the time of application.
 2. Copy of DOT Brake Inspector Qualification

7.9.2.10: Maintenance

- A. Emergency Vehicle Technician 1 certification is valid for five years from the date of issuance.

7.9.2.11: Recertification

- A. Emergency Vehicle Technician 1 recertification is designed for an individual currently certified as an Emergency Vehicle Technician 1.
- B. The candidate shall have the following six tests from the ASE that are valid (not expired) at time of application:
 1. Gasoline Engines (T1)
 2. Diesel Engines (T2)
 3. Drive Train (T3)
 4. Brakes (T4)
 5. Suspension and Steering (T5)
 6. Preventative Maintenance Inspections (T8)
- C. The candidate shall have a Department of Transportation (DOT) Brake Inspector Qualification that is valid (not expired) at time of application.
- D. The candidate shall have a current Emergency Vehicle Technician 1 Certification Exam (issued within five (5) years)



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- E. The candidate shall successfully complete a minimum of 100 hours of CFMA-approved continuing education courses.
- F. **See 7.2.4: Application Process – Without a Certification Task Book.**
- G. Supporting documentation:
 - 1. Copies of completion certificates for ASE tests
 - 2. A copy of DOT Brake Inspector Qualification
 - 3. A copy of Emergency Vehicle Technician 1 Certification Exam
 - 4. A copy of a completion certificate for CMFA continuing education
- H. SFT shall review applications as they are received.
 - 1. The review committee shall be made up of SFT personnel and authorized representatives of CFMA.
 - 2. **See 7.2.3.2: State Fire Training Review.**

7.9.2.12: Lapsed Certification

- A. Emergency Vehicle Technician 1 certification candidates who did not submit all recertification requirements by the expiration date, the SFT certification is considered to be lapsed.
 - 1. All recertification requirements must be completed and postmarked to SFT by the expiration date.
- B. For lapsed certification, you can regain SFT Certification by completing additional CFMA-approved continuing education courses and other listed requirements. The continuing education hours are in addition the 100 hours required for recertification. Once these requirements are met, certification candidates can apply for recertification.
 - 1. For lapses less than 6 months: 8 hours of continuing education
 - 2. For lapses 6 months to less than 12 months: 16 hours of continuing education
 - 3. For lapses of 12 months to 24 months:
 - i. 24 hours continuing education; and
 - ii. Complete Emergency Vehicle Technician 1 certification exam (see **7.9.2.5: Certification Exam**)
 - 4. For lapses greater than 24 months:
 - i. Complete entire Emergency Vehicle Technician 1 education courses (see **7.9.2.4: Education**)
 - ii. Complete Emergency Vehicle Technician 1 certification exam (see



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7.9.2.5: Certification Exam)

7.9.2.13: Historical Lateral

- A. Emergency Vehicle Technician 1 historical lateral is designed for an individual currently certified as a Fire Mechanic I.
- B. The candidate shall meet the requirements for Emergency Vehicle Technician 1 recertification Section **7.9.2.11(B)** through **7.9.2.11(H)**.
- C. For lapsed certifications see **7.9.2.12: Lapsed Certification**.