

SUBMITTAL TO THE BOARD OF SUPERVISORS  
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA



ITEM: 3.35  
(ID # 21855)

MEETING DATE:  
Tuesday, May 23, 2023

FROM : HUMAN RESOURCES AND FIRE :

SUBJECT: HUMAN RESOURCES AND FIRE DEPARTMENT: Classification & Compensation Recommendation to establish a new Fire Apparatus Technician III classification; and amend Ordinance No. 440 pursuant to Resolution No. 440-9367 submitted herewith, All Districts. [Cost-\$0, Source of Funds – General Fund, Structural Fire Taxes, and Contract Reimbursement]

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the creation of the Fire Apparatus Technician III classification.
2. Amend Ordinance No. 440 pursuant to Resolution No. 440-9367.

ACTION:Policy

*Geoff Pemberton*  
Geoff Pemberton, Chief Deputy County Fire

5/2/2023

*Michael Bowers*  
Michael Bowers, Assistant HR Director

5/15/2023

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MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Spiegel, seconded by Supervisor Washington and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez, and Gutierrez  
Nays: None  
Absent: None  
Date: May 23, 2023  
xc: H.R., Fire

Kimberly A. Rector  
Clerk of the Board

By: *Brana Smith*  
Deputy

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

<b>FINANCIAL DATA</b>	<b>Current Fiscal Year:</b>	<b>Next Fiscal Year:</b>	<b>Total Cost:</b>	<b>Ongoing Cost</b>
<b>COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>NET COUNTY COST</b>	\$ 0	\$ 0	\$ 0	\$ 0
<b>SOURCE OF FUNDS:</b> General Fund, Structural Fire Taxes, and Contract Reimbursement			<b>Budget Adjustment:</b> No	
			<b>For Fiscal Year:</b> 22/23	

**C.E.O. RECOMMENDATION:** Approve

**BACKGROUND:**

**Summary**

The Riverside County Fire Department (RCFD) is an integrated, cooperative, regional fire protection system that provides fire, emergency medical services, technical rescue, and hazardous materials response to approximately 1.6 million residents in the unincorporated area, in 20 partner fire cities and one community services district. The RCFD is one of the largest regional fire service organizations in California. In cooperation with Cal Fire, it is committed to cooperative, regional and integrated fire protection and emergency services. They are an all-risk department devoted to protecting and serving County of Riverside residents and visitors.

The current *Fire Apparatus Technician III* job class series provides a critical role within RCFD by performing the necessary mechanical and electrical repairs, and adjustments on heavy duty gasoline and diesel-powered fire apparatus and related equipment, often under adverse conditions (**Attachment 2 & 3**). Incumbents are required to maintain a current *California State Fire Training Procedures Manual for Fire Mechanic/Emergency Vehicle Technician* certification (**Attachment 4 & 5**). Recently, the California Office of the State Fire Marshal introduced a new Emergency Vehicle Technician (EVT) 2022 program which expands the need for continued education and builds upon the current requirements (**Attachment 6**). Due to the additional certification requirements, and the absence of a class that can serve as a mentor for lower-level Fire Apparatus Technicians, RCFD is requesting to create a new lead-level job classification, titled *Fire Apparatus Technician III*. Through the review of the current class structure and continued growth in fire operations, it is apparent that the creation of a lead role that is responsible for reviewing and assigning the work of lower-level *Fire Apparatus Technician's* and providing guidance to new or less experienced employees is needed (**Attachment 7**).

An external market review of the five surrounding counties was conducted for a lead level *Fire Apparatus Technician III* and yielded a market range of \$63,367 - \$86,840/year (**Attachment 8**). As such, it is recommended to use the five-county market and establish the *Fire Apparatus Technician III* job classification at a salary of \$63,367 - \$86,840/year.

**Classification Addition**

**Fire Apparatus Technician III:** It is recommended to add this classification to the Class and Salary Listing at salary plan/grade LIU 653 (\$63,367 - \$86,840).

**SUBMITTAL TO THE BOARD OF SUPERVISORS COUNTY OF RIVERSIDE,  
STATE OF CALIFORNIA**

**Additional Fiscal Information**

**Fire Apparatus Technician III:**

The Fire Department has allocated funding in their budget for the 2023/2024 fiscal year to utilize this new classification and will add the position(s) to their budget through the Classification Transaction Request (CTR) process at a later date. The creation of this classification will have no immediate cost for the department. However, the cost to add one *Fire Apparatus Technician III* will be approximately \$125,918 per position, including benefits.

RCFD has approved the recommended classification creation, which will be absorbed through their respective budget. A budget adjustment is not required.

**Impact on Residents and Businesses**

The addition of a new *Fire Apparatus Technician III* classification will provide a career growth structure to better equip staff performing critical services for the County of Riverside.

**Attachments:**

- 1) Resolution No. 440-9367
- 2) Job Description - Fire Apparatus Technician I
- 3) Job Description - Fire Apparatus Technician II
- 4) Emergency Vehicle Technician I Certification Overview
- 5) Emergency Vehicle Technician II Certification Overview
- 6) Emergency Vehicle Technician III Certification Overview
- 7) Proposed Fire Apparatus Technician III Job Description
- 8) Market Data - Fire Apparatus Technician III

  
Rebecca S Cortez, Principal Management Analyst 5/15/2023

  
Alonzo Barrera, Principal Management Analyst 5/15/2023

  
Dave Rogers, Chief Administrative Officer 5/16/2023

RESOLUTION NO. 440-9367

BE IT RESOLVED by the Board of Supervisors of the County of Riverside, State of California, in regular session assembled on May 23, 2023, that pursuant to Section 3(a)(iv) of Ordinance No. 440, the Director of Human Resources is authorized to amend the Class and Salary Listing of Ordinance No. 440, operative the beginning of the pay period following approval, as follows:

<u>Job Code</u>	<u>+/-</u>	<u>Class Title</u>	<u>Salary Plan/Grade</u>
66454	+	Fire Apparatus Technician III	LIU 802

ROLL CALL:

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez  
Nays: None  
Absent: None

The foregoing is certified to be a true copy of a resolution duly adopted by said Board of Supervisors on the date therein set forth.

KIMBERLY A. RECTOR, Clerk of said Board

By:   
Deputy

05.23.2023 3.35



COUNTY OF RIVERSIDE  
Established Date: Aug 12, 2010  
Revision Date: Oct 7, 2019

# FIRE APPARATUS TECHNICIAN I

Class Code:  
66452

Bargaining Unit: LIUNA - Trades, Crafts &  
Labor

## SALARY RANGE

\$25.84 - \$37.53 Hourly  
\$4,479.37 - \$6,504.54 Monthly  
\$53,752.40 - \$78,054.50 Annually

### CLASS CONCEPT:

Under supervision, performs major and minor mechanical and electrical repairs and adjustments on heavy-duty gasoline and diesel powered fire apparatus and related equipment and trucks; and performs other related duties as required.

The Fire Apparatus Technician I is the first working level classification in the Fire Apparatus Technician series and reports to an appropriate supervisory or manager level position. Incumbents are assigned to maintain, diagnose, and make necessary repairs on fire apparatus and related equipment in the field, often under adverse conditions, or in a garage facility under the supervision of a shop supervisor. While on field assignment, incumbents must determine whether the equipment can be repaired in the field or must be sent to the garage for repairs.

The Fire Apparatus Technician I is distinguished from the Fire Apparatus Technician II classification in that the former is the first working level in which assigned incumbents may undergo the process of meeting the educational and certification requirements set forth in the California State Fire Training Procedures Manual for Fire Mechanic I (Fire Pumps and Accessories), whereas incumbents assigned to the latter class have met these requirements and may undergo certification at the Fire Mechanic II level.

### REPRESENTATION UNIT:

LIUNA - Trades, Crafts & Labor

### EXAMPLES OF ESSENTIAL DUTIES:

(Depending on the area of assignment, duties may include, but are not limited to, the following)

- Inspect, diagnose, and repair mechanical failures and defects in fire apparatus and other equipment.

- Adjust, repair, replace, or overhaul a variety of diesel and automotive engines, transmissions, clutches, rear ends, differentials, transfer cases, hydraulic brake systems, axles, pumps, injectors, carburetors, final drives, sprockets, rollers, and truck and steering systems.
- Maintain, diagnose, and repair electrical defects, repairing or replacing starting motors, generators, and ignition systems; repair and overhaul fire suppression components and related equipment.
- Perform complete fabricating and repairing to repair, alter, or maintain Fire Department equipment and trucks; perform complete routine maintenance including oil changes and lubrication services; perform CHP 90-day compliance inspections and fire pump tests.
- Complete time and material records.

## **RECRUITING GUIDELINES:**

**Experience:** Completion of an accredited heavy equipment mechanic apprenticeship-training program or successful completion of the California Fire Mechanics Academy, Inc. Fire Mechanic I (Fire Pumps and Accessories) course of instruction. One year of successful experience as a Heavy Equipment Mechanic or Senior Heavy Equipment Mechanic with Riverside County, or an equivalent class in another jurisdiction may substitute for mechanic apprenticeship or Fire Mechanic I certification.

**Knowledge of:** Principles of gasoline and diesel engines; heavy equipment maintenance and repair; methods, tools, equipment, and parts used in the repair and maintenance of construction equipment; operation and application of mechanical diagnostic equipment.

**Ability to:** Perform repair and maintenance work on heavy equipment; diagnose and repair mechanical defects in a variety of heavy-duty gasoline and diesel construction equipment in both the field and shop; operate equipment used in repairing or servicing construction equipment; read and understand shop manuals and mechanical diagrams; follow written and oral directions; perform work safely; work with minimal supervision.

## **OTHER REQUIREMENTS:**

**License:** Candidates must possess a valid Class A or B Commercial California Driver's License. Depending on the area of assignment, the Department may permit the selected candidate to obtain the required licensure within six months of hire.

For those positions designated by the Department of Transportation (DOT) as safety-sensitive, applicants are required to complete a (DOT) mandated alcohol and drug-screening. (A positive test or refusal to test during the past two years will disqualify an applicant from consideration for County employment). Reference checks from former DOT regulated employers are also required. Applicants must submit a Department of Motor Vehicles (DMV) driving record prior to hire.

Employees in safety-sensitive positions are subject to DOT alcohol/drug testing in the following situations: random, reasonable suspicion/cause, return-to-duty, and post-accident.

**PRE-EMPLOYMENT:**

All employment offers are contingent upon successful completion of both a pre-employment physical exam, including a drug/alcohol test, and a criminal background investigation, which involves fingerprinting. (A felony or misdemeanor conviction may disqualify the applicant from County employment.)

**PROBATIONARY PERIOD:**

As an Approved Local Merit System, all County of Riverside employees, except those serving "At Will," are subject to the probationary period provisions as specified in the applicable Memorandum of Understanding, County Resolution, or Salary Ordinance. Temporary and Per Diem employees serve at the pleasure of the agency/department head.



COUNTY OF RIVERSIDE  
Established Date: Aug 12, 2010  
Revision Date: Oct 7, 2019

# FIRE APPARATUS TECHNICIAN II

Class Code:  
66453

Bargaining Unit: LIUNA - Trades, Crafts &  
Labor

## SALARY RANGE

\$27.23 - \$39.57 Hourly  
\$4,719.03 - \$6,859.08 Monthly  
\$56,628.42 - \$82,308.93 Annually

### CLASS CONCEPT:

Under direction, performs major and minor mechanical and electrical repairs and adjustments on heavy duty gasoline and diesel powered fire apparatus and related equipment under field conditions; serves as a mentor for Fire Apparatus Technician Is and other shop personnel in the County Fire Department Fleet garage; and performs other related work as required.

The Fire Apparatus Technician II is the advanced journey level classification in the Fire Apparatus Technician series and reports to an appropriate supervisory or manager level position. Incumbents are assigned to maintain, diagnose malfunctions and make necessary repairs on fire apparatus and related equipment in the field, often under adverse conditions; while on field assignment, incumbents must determine whether the equipment can be repaired in the field or must be sent to the garage for repairs. Incumbents undergo the process of meeting the educational and certification requirements set forth in the California State Fire Training Procedures Manual for Fire Mechanic II, while they have already met educational and certification requirements of Fire Mechanic I at the time of appointment or promotion. Incumbents are expected to fulfill the educational and certification requirements of California Fire Mechanic II within two years of appointment or promotion to Fire Apparatus Technician II.

### REPRESENTATION UNIT:

LIUNA - Trades, Crafts & Labor

### EXAMPLES OF ESSENTIAL DUTIES:

(Depending on the area of assignment, duties may include, but are not limited to, the following)

- Inspect, diagnose, and repair mechanical failures and defects in fire apparatus and other equipment in field conditions; diagnose, repair, and overhaul fire suppression and related equipment.



- May mentor and train Fire Apparatus Technician Is in the repair and overhaul of a variety of diesel and heavy duty gasoline engines, transmissions, clutches, rear ends, differentials, brake systems, carburetors, fire suppression equipment, and related components.
- May perform welding to repair, alter or maintain equipment.
- Perform complete routine maintenance including oil changes and lubrication services; perform complete CHP 90 day compliance inspections and fire pump tests.
- May require performing maintenance, alteration and repair of automotive equipment as needed.
- Complete time and material records.

## **RECRUITING GUIDELINES:**

**Experience:** Three years of increasingly responsible experience as a Fire Apparatus Technician I with the Riverside County Fire Department or an equivalent class in another jurisdiction.

**Knowledge of:** Principles of gasoline and diesel engines; fire apparatus maintenance and repair; methods, tools, equipment, and parts used in the repair and maintenance of this equipment; operation and application of mechanical diagnostic equipment.

**Ability to:** Mentor the work of others; issue, follow, and understand verbal and written communications; read and understand shop manuals and mechanical diagrams; diagnose and repair mechanical defects in a variety of heavy duty gasoline and diesel Fire Department equipment in both field and shop; operate equipment used in repairing and servicing this equipment; prepare and maintain records and reports.

## **OTHER REQUIREMENTS:**

**License/Certificate:** Possession of a valid Class A or B California Driver's License.

Within two years of appointment or promotion, incumbents are expected to have successfully completed the educational and certification requirements listed in the Fire Mechanic II Section of the California State Fire Training Procedures Manual. Specifically:

The California Fire Mechanics Academy, Inc. courses of Fire Mechanic I (Fire Pumps and Accessories), Fire Mechanic 2A (Fire Apparatus Electrical Systems) and Fire Mechanic 2B (Allison Transmissions).

The National Institute for Automotive Excellence (NIASE) certification examinations:

- a) Gasoline Engines (T1)
- b) Diesel Engines (T2)
- c) Drive Train (T3)
- d) Brakes (T4)
- e) Suspension and Steering (T5)
- f) Electrical/Electronic Systems (T6)
- g) Heating, Ventilation, and Air Conditioning (T7)
- h) Preventative Maintenance Inspections (T8)

For those positions designated by the Department of Transportation (DOT) as safety-sensitive, applicants are required to complete a (DOT) mandated alcohol and drug-screening. (A positive test or refusal to test during the past two years will disqualify an applicant from consideration for County employment). Reference checks from former DOT regulated employers are also required. Applicants must submit a Department of Motor Vehicles (DMV) driving record prior to hire.

Employees in safety-sensitive positions are subject to DOT alcohol/drug testing in the following situations: random, reasonable suspicion/cause, return-to-duty, and post-accident.

### **PRE-EMPLOYMENT:**

All employment offers are contingent upon successful completion of both a pre-employment physical exam, including a drug/alcohol test, and a criminal background investigation, which involves fingerprinting. (A felony or misdemeanor conviction may disqualify the applicant from County employment.)

### **PROBATIONARY PERIOD:**

As an Approved Local Merit System, all County of Riverside employees, except those serving "At Will," are subject to the probationary period provisions as specified in the applicable Memorandum of Understanding, County Resolution, or Salary Ordinance. Temporary and Per Diem employees serve at the pleasure of the agency/department head.



# Emergency Vehicle Technician 1 Certification / Recertification Instructions

## Overview

The California Office of the State Fire Marshal Emergency Vehicle Technician (EVT) 1 Certification is based on the NFPA 1071: Emergency Vehicle Technician I Professional Qualifications set by the National Fire Protection Association (NFPA).

Persons with EVT 1 Certification are required to renew their certification every five (5) years. The recertification requires that the applicant completes 100 hours of approved continuing education (CE) and meet the all prerequisites stated in Recertification Requirements (Option B). All recertification applications must be postmarked on or before the certification expiration date. If the certified EVT 1 did not meet all recertification requirements by the expiration date, the EVT 1 Certification is considered to be lapsed.

If the EVT 1 Certification lapsed, the applicant will be required to complete 100 hours of CE in addition to the completion of additional CE hours. If the certification lapsed less than 6 months, you can regain EVT 1 Certification by completing an additional 8 hours of approved CE. If the certification lapsed between 6 months and less than 12 months, you can regain EVT 1 Certification by completing an additional 16 hours of approved CE. If the certification lapsed between 12 months and less than 18 months, you can regain EVT 1 Certification by completing an additional 24 hours of approved CE. For lapses, greater than 18 months, the applicant will need to retake all SFT courses listed in the Certification Requirements (Option A) Education section and reapply for initial EVT 1 certification, which will require the completion of a new Certification Task Book.

Applicants for initial certification use Option A and Applicants for recertification use Option B.

## Certification Requirements (Option A)

**Prerequisites** (all documents must be current at time of submittal)

- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

## Education

- Emergency Vehicle Technician 1A: Emergency Vehicle Systems: Chassis, Cab, Body, Tank and Accessories (2020); **or** Preventative Maintenance (CFMA) **or** Knowing Your Apparatus (CFMA)
- Emergency Vehicle Technician 1B: Electrical Systems A
- Emergency Vehicle Technician 1C: Pumps and Accessories; **or** Fire Mechanic I: Fire Pumps and Accessories (SFT)

### **Certification Exam**

- Emergency Vehicle Technician 1 Certification Exam (delivered through California Fire Mechanics Academy, Inc.), issued within 5 years from date of application.

### **Certification Task Book**

- Emergency Vehicle Technician 1 Certification Task Book

### **Experience**

- 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
- 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
- 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.

### **Fee**

- \$100 non-refundable EVT 1 certification fee - payable to: State Fire Training

### **Recertification Requirements (Option B)**

#### **Prerequisites** (all must be current/valid)

- Current OSFM Certified Emergency Vehicle Technician 1
- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

#### **Certification Exam**

- Emergency Vehicle Technician 1 Certification Exam (delivered through CA Fire Mechanics Academy), issued within 5 years from date of application.

#### **Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 1 certification)

#### **Fee**

- \$100 non-refundable EVT 1 certification fee - payable to: State Fire Training

### **Application Process**

1. Applicant mails the Emergency Vehicle Technician (EVT) 1 Certification / Recertification Application, supporting documentation, and fee to: State Fire Training, EVT Certification, PO Box 944246, Sacramento, CA 94244-2460.
2. State Fire Training conducts an application review.

## Emergency Vehicle Technician (EVT) 1 Certification / Recertification Instructions

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- If the applicant does not meet the eligibility requirements, SFT issues a denial.
- If the applicant meets the eligibility requirements, SFT issues the digital course diploma(s) through the applicant's SFT User Portal.



**Emergency Vehicle Technician 1 Certification / Recertification Application**  
(REV. 01/21)

**Identification**

**Full Name:** \_\_\_\_\_  
**SFT ID Number:** \_\_\_\_\_  
**Phone (Mobile):** \_\_\_\_\_  
**Email:** \_\_\_\_\_

Submit documentation to verify completion of the following requirements. You do not need to submit verification for anything issued by State Fire Training (SFT) already documented in your SFT User Portal.

**Option A: EVT 1 Certification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Certification Exam**

- Emergency Vehicle Technician 1 Certification Exam

**Certification Task Book**

- Emergency Vehicle Technician 1 Certification Task Book

**Fees**

- \$100 non-refundable EVT 1 certification fee - payable to: State Fire Training

**Option B: EVT 1 Recertification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Certification Exam**

- Emergency Vehicle Technician 1 Certification Exam

**Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 1 certification)
- Additional hours, as required, for lapse certifications

**Fees**

- \$100 non-refundable EVT 1 recertification fee - payable to: State Fire Training

**Authority**

I, the undersigned, am the person applying for Emergency Vehicle Technician 1 certification. I hereby certify under penalty of perjury under the laws of the State of California, that all information contained in this application is true in every respect. I understand that misstatements, omissions of material facts, or falsification of information or documents may be cause for rejection.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(CAL FIRE Account Code: 0198-####-4143500-413500014-35405902-59210)



# Emergency Vehicle Technician 2 Certification / Recertification Instructions

## Overview

The California Office of the State Fire Marshal Emergency Vehicle Technician (EVT) 2 Certification is based on the NFPA 1071: Emergency Vehicle Technician I Professional Qualifications set by the National Fire Protection Association (NFPA).

Persons with EVT 2 Certification are required to renew their certification every five (5) years. The recertification requires that the applicant completes 100 hours of approved continuing education (CE) and meet the all prerequisites stated in Recertification Requirements (Option B). All recertification applications must be postmarked on or before the certification expiration date. If the certified EVT 2 did not meet all recertification requirements by the expiration date, the EVT 2 Certification is considered to be lapsed.

If the EVT 2 Certification lapsed, the applicant will be required to complete 100 hours of CE in addition to the completion of additional CE hours. If the certification lapsed less than 6 months, you can regain EVT 2 Certification by completing an additional 8 hours of approved CE. If the certification lapsed between 6 months and less than 12 months, you can regain EVT 2 Certification by completing an additional 16 hours of approved CE. If the certification lapsed between 12 months and less than 18 months, you can regain EVT 2 Certification by completing an additional 24 hours of approved CE. For lapses, greater than 18 months, the applicant will need to retake all SFT courses listed in the Certification Requirements (Option A) Education section and reapply for initial EVT 2 certification, which will require the completion of a new Certification Task Book.

Applicants for initial certification use Option A and Applicants for recertification use Option B.

## Certification Requirements (Option A)

**Prerequisites** (all documents must be current at time of submittal)

- Current OSFM Certified Emergency Vehicle Technician 1
- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Electrical/Electronic Systems [T6] (ASE)
- Heating, Ventilation, and Air Conditioning (HVAC) [T7] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

### Education

- Emergency Vehicle Technician 2A: Electrical Systems B; or Fire Mechanic 2A: Fire Apparatus Electrical Systems

### Certification Exam

- Emergency Vehicle Technician 2 Certification Exam (delivered through CA Fire Mechanics Academy), issued within 5 years from date of application.

### **Certification Task Book**

- Emergency Vehicle Technician 2 Certification Task Book

### **Experience**

- Have a minimum of three (3) 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
- Have a minimum of four (4) 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
- Have a minimum of five (5) 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.

### **Fee**

- \$100 non-refundable EVT 2 certification fee - payable to: State Fire Training

### **Recertification Requirements (Option B)**

#### **Prerequisites** (all must be current/valid)

- Current OSFM Certified Emergency Vehicle Technician 2
- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Electrical/Electronic Systems [T6] (ASE)
- Heating, Ventilation, and Air Conditioning (HVAC) [T7] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

#### **Certification Exam**

- Emergency Vehicle Technician 2 Certification Exam (delivered through CA Fire Mechanics Academy), issued within 5 years from date of application.

#### **Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 2 certification)

#### **Fee**

- \$100 non-refundable EVT 2 certification fee - payable to: State Fire Training

#### **Application Process**

1. Applicant mails the Emergency Vehicle Technician (EVT) 2 Certification / Recertification Application, supporting documentation, and fee to: State Fire Training, EVT Certification, PO Box 944246, Sacramento, CA 94244-2460.
2. State Fire Training conducts an application review.
  - If the applicant does not meet the eligibility requirements, SFT issues a denial.
  - If the applicant meets the eligibility requirements, SFT issues the digital course diploma(s) through the applicant's SFT User Portal.





**Emergency Vehicle Technician 2 Certification / Recertification Application**  
(REV. 01/21)

**Identification**

**Full Name:** \_\_\_\_\_  
**SFT ID Number:** \_\_\_\_\_  
**Phone (Mobile):** \_\_\_\_\_  
**Email:** \_\_\_\_\_

Submit documentation to verify completion of the following requirements. You do not need to submit verification for anything issued by State Fire Training (SFT) already documented in your SFT User Portal.

**Option A: EVT 2 Certification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Certification Task Book**

- Emergency Vehicle Technician 2 Certification Task Book

**Certification Exam**

- Emergency Vehicle Technician 2 Certification Exam

**Fees**

- \$100 non-refundable EVT 2 certification fee - payable to: State Fire Training

**Option B: EVT 2 Recertification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 2 certification)
- Additional hours, as required, for lapse certifications

**Certification Exam**

- Emergency Vehicle Technician 2 Certification Exam

**Fees**

- \$100 non-refundable EVT 2 recertification fee - payable to: State Fire Training

**Authority**

I, the undersigned, am the person applying for Emergency Vehicle Technician 2 certification. I hereby certify under penalty of perjury under the laws of the State of California, that all information contained in this application is true in every respect. I understand that misstatements, omissions of material facts, or falsification of information or documents may be cause for rejection.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(CAL FIRE Account Code: 0198-####-4143500-4143500014-35405902-59210)



# Emergency Vehicle Technician 3 Certification / Recertification Instructions

## Overview

The California Office of the State Fire Marshal Emergency Vehicle Technician (EVT) 3 Certification is based on the NFPA 1071: Emergency Vehicle Technician I Professional Qualifications set by the National Fire Protection Association (NFPA).

Persons with EVT 3 Certification are required to renew their certification every five (5) years. The recertification requires that the applicant completes 100 hours of approved continuing education (CE) and meet the all prerequisites stated in Recertification Requirements (Option B). All recertification applications must be postmarked on or before the certification expiration date. If the certified EVT 3 did not meet all recertification requirements by the expiration date, the EVT 3 Certification is considered to be lapsed.

If the EVT 3 Certification lapsed, the applicant will be required to complete 100 hours of CE in addition to the completion of additional CE hours. If the certification lapsed less than 6 months, you can regain EVT 3 Certification by completing an additional 8 hours of approved CE. If the certification lapsed between 6 months and less than 12 months, you can regain EVT 3 Certification by completing an additional 16 hours of approved CE. If the certification lapsed between 12 months and less than 18 months, you can regain EVT 3 Certification by completing an additional 24 hours of approved CE. For lapses greater than 18 months, the applicant will need to retake all SFT courses listed in the Certification Requirements (Option A) Education section and reapply for initial EVT 3 certification, which will require the completion of a new Certification Task Book.

Applicants for initial certification use Option A and Applicants for recertification use Option B.

## Certification Requirements (Option A)

**Prerequisites** (all documents must be current at time of submittal)

- Current OSFM Certified Emergency Vehicle Technician 2
- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Electrical/Electronic Systems [T6] (ASE)
- Heating, Ventilation, and Air Conditioning (HVAC) [T7] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

### Education

- Emergency Vehicle Technician 3A: Human Resource Management / Fleet Specifications and Records; or Specifications Writing Class (CFMA) AND Fire Management I OR Company Officer 2A

### Certification Exam

- Emergency Vehicle Technician 3 Certification Exam (delivered through CA Fire Mechanics Academy), issued within 5 years from date of application.

### **Certification Task Book**

- Emergency Vehicle Technician 3 Certification Task Book

### **Experience**

- Have a minimum of four (4) 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
- Have a minimum of five (5) 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
- Have a minimum of six (6) 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.

### **Fee**

- \$100 non-refundable EVT 3 certification fee - payable to: State Fire Training

### **Recertification Requirements (Option B)**

#### **Prerequisites** (all must be current/valid)

- Current OSFM Certified Emergency Vehicle Technician 3
- Gasoline Engines [T1] (ASE)
- Diesel Engines [T2] (ASE)
- Drive Train [T3] (ASE)
- Brakes [T4] (ASE)
- Suspension and Steering [T5] (ASE)
- Electrical/Electronic Systems [T6] (ASE)
- Heating, Ventilation, and Air Conditioning (HVAC) [T7] (ASE)
- Preventative Maintenance Inspections [T8] (ASE)
- Brake Inspector Qualification (CFR 396.25) - Department of Transportation (DOT)

#### **Certification Exam**

- Emergency Vehicle Technician 3 Certification Exam (delivered through CA Fire Mechanics Academy), issued within 5 years from date of application.

#### **Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 3)

#### **Fee**

- \$100 non-refundable EVT 3 certification fee - payable to: State Fire Training

### **Application Process**

1. Applicant mails the Emergency Vehicle Technician (EVT) 3 Certification / Recertification Application, supporting documentation, and fee to: State Fire Training, EVT Certification, PO Box 944246, Sacramento, CA 94244-2460.
2. State Fire Training conducts an application review.
  - If the applicant does not meet the eligibility requirements, SFT issues a denial.
  - If the applicant meets the eligibility requirements, SFT issues the digital course diploma(s) through the applicant's SFT User Portal.



**Emergency Vehicle Technician 3 Certification / Recertification Application**  
(REV. 01/21)

**Identification**

**Full Name:** \_\_\_\_\_  
**SFT ID Number:** \_\_\_\_\_  
**Phone (Mobile):** \_\_\_\_\_  
**Email:** \_\_\_\_\_

Submit documentation to verify completion of the following requirements. You do not need to submit verification for anything issued by State Fire Training (SFT) already documented in your SFT User Portal.

**Option A: EVT 3 Certification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Certification Task Book**

- Emergency Vehicle Technician 3 Certification Task Book

**Certification Exam**

- Emergency Vehicle Technician 3 Certification Exam

**Fees**

- \$100 non-refundable EVT 3 certification fee - payable to: State Fire Training

**Option B: EVT 3 Recertification Submission Requirements**

**Prerequisites**

- Copies of all course completions/certifications shall be submitted.

**Continuing Education**

- A minimum of 100 hours of CA Fire Mechanics Academy approved continuing education (within five (5) years of attaining Emergency Vehicle Technician 3 certification)
- Additional hours, as required, for lapse certifications

**Certification Exam**

- Emergency Vehicle Technician 3 Certification Exam

**Fees**

- \$100 non-refundable EVT 3 recertification fee - payable to: State Fire Training

**Authority**

I, the undersigned, am the person applying for Emergency Vehicle Technician 3 certification. I hereby certify under penalty of perjury under the laws of the State of California, that all information contained in this application is true in every respect. I understand that misstatements, omissions of material facts, or falsification of information or documents may be cause for rejection.

Applicant Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(CAL FIRE Account Code: 0198-####-4143500-4143500014-35405902-59210)



## FIRE APPARATUS TECHNICIAN III

Class Code: 66454

Bargaining Unit: LIUNA - Trades, Crafts & Labor

COUNTY OF RIVERSIDE  
Established Date: XXX XX, 2023  
Revision Date: XXX XX, 2023

### SALARY RANGE

\$30.46 - \$41.75 Hourly  
\$5,280.58 - \$7,236.67 Monthly  
\$63,367.00 - \$86,840.00 Annually

### CLASS CONCEPT:

Under direction, performs major and minor mechanical and electrical repairs and adjustments on heavy duty gasoline and diesel powered fire apparatus and related equipment under field conditions; serves as a mentor for Fire Apparatus Technicians and other shop personnel in the County Fire Department Fleet/Automotive Services; and performs other related work as required.

The Fire Apparatus Technician III is the lead level classification in the Fire Apparatus Technician series and reports to an appropriate supervisory or manager level position. Incumbents are assigned to maintain, diagnose malfunctions, and make necessary repairs on fire apparatus and related equipment in the field, often under adverse conditions. While on field assignment, incumbents must determine whether the equipment can be repaired or must be sent to the garage for repairs. Incumbents undergo the process of meeting the educational and certification requirements set forth in the California State Fire Training Procedures Manual for Fire Mechanic III, while they have already met educational and certification requirements of Fire Mechanic I and II at the time of appointment or promotion. Incumbents are expected to fulfill and maintain the educational and certification requirements of California Emergency Vehicle Technician III within two years of appointment or promotion to Fire Apparatus Technician III.

The Fire Apparatus Technician III is distinguished from the Fire Fleet Apparatus Supervisor in that the latter is a supervisory level classification performing the full range of supervisory duties.

Advancement to the next level is obtained by competitive selection through an open recruitment.

### REPRESENTATION UNIT:

LIUNA - Trades, Crafts & Labor

### EXAMPLES OF ESSENTIAL DUTIES:

(Depending on the area of assignment, duties may include, but are not limited to, the following)

- Lead and participate in the inspection, diagnosing, and repair process of mechanical failures and defects in fire apparatus and other equipment in field conditions; diagnose, repair, and overhaul fire suppression and related equipment; schedule and maintain records of testing and inspection of equipment.
- Mentor and train Fire Apparatus Technician's in the repair and overhaul of a variety of diesel and heavy duty gasoline engines, transmissions, clutches, rear ends, differentials, brake systems, carburetors, fire suppression equipment, and related components; assist in the planning, assignment, and scheduling of work for subordinate

staff.

- Perform complete routine maintenance including oil changes and lubrication services; perform complete California Highway Patrol (CHP) 90-day compliance inspections and fire pump tests.
- Perform maintenance, welding, alteration and/or repair of automotive equipment as needed.
- Prioritize work and assign tasks to Fire Apparatus Technician I's and II's; assist in the supervision of subordinate staff and act in the absence of the supervisor as required.

### **RECRUITING GUIDELINES:**

Experience: Two years of increasingly responsible experience as a Fire Apparatus Technician II with the Riverside County Fire Department or an equivalent class in another jurisdiction.

Knowledge of: Principles of gasoline and diesel engines; fire apparatus maintenance and repair; methods, tools, equipment, and parts used in the repair and maintenance of this equipment; operation and application of mechanical diagnostic equipment.

Ability to: Monitor the work of others; issue, follow, and understand verbal and written communications; read and understand shop manuals and mechanical diagrams; diagnose and repair mechanical defects in a variety of heavy duty gasoline and diesel Fire Department equipment in both field and shop; operate equipment used in repairing and servicing this equipment; prepare and maintain records and reports.

### **OTHER REQUIREMENTS:**

License/Certificate: Possession of a valid Class A or B California Driver's License.

Within two years of appointment or promotion, incumbents are expected to have successfully completed and continue maintaining the educational and certification requirements listed in the Emergency Vehicle Technician (EVT) level III Section of the California State Fire Training Procedures Manual. Specifically:

The California Fire Mechanics Academy, Inc. courses of EVT 2A (Fire Apparatus Electrical Systems). EVT 1B: Electrical Systems A (2020), and EVT 1C: Pumps and Accessories (2020) The National Institute for Automotive Excellence (NIASE) certification examinations: EVT 1A: Emergency Vehicle Systems: Chassis, Cab, Body, Tank and Accessories (2020).

The National Institute for Automotive Excellence (NIASE) certification examinations:

- a) Gasoline Engines (T1)
- b) Diesel Engines (T2)
- c) Drive Train (T3)
- d) Brakes (T4)
- e) Suspension and Steering (T5)
- f) Electrical/Electronic Systems (T6)
- g) Heating, Ventilation, and Air Conditioning (T7)
- h) Preventative Maintenance Inspections (T8)
- i) Brake Inspector Qualification (CFR 396.25) -Department of Transportation (DOT)

For those positions designated by the Department of Transportation (DOT) as safety-sensitive, applicants are required to complete a (DOT) mandated alcohol and drug-screening. (A positive test or refusal to test during the past two years will disqualify an applicant from consideration for County employment). Reference checks from former DOT regulated employers are also required. Applicants must submit a Department of Motor Vehicles (DMV) driving record prior to hire.

Employees in safety-sensitive positions are subject to DOT alcohol/drug testing in the following situations: random, reasonable suspicion/cause, return-to-duty, and post-accident.

### **PRE-EMPLOYMENT:**

All employment offers are contingent upon successful completion of both a pre-employment physical exam, including a drug/alcohol test, and a criminal background investigation, which involves fingerprinting. (A felony or misdemeanor conviction may disqualify the applicant from County employment.)

**PROBATIONARY PERIOD:**

As an Approved Local Merit System, all County of Riverside employees, except those serving "At Will," are subject to the probationary period provisions as specified in the applicable Memorandum of Understanding, County Resolution, or Salary Ordinance. Temporary and Per Diem employees serve at the pleasure of the agency/department head.

# External Market Survey Data

## Proposed - Fire Apparatus Technician III

Riv Co Class Code: XXXXX

Jurisdiction	Title	Job Code	Min Salary	Max Salary	Spread
Los Angeles County	<u>Senior Fire Equipment Mechanic</u>	7473		\$92,609	#VALUE!
Orange County	<i>No Comparable Class</i>				
San Bernardino County	<u>Lead Mechanic (Fire Department)</u>	49116	\$62,982	\$86,840	37.88%
San Diego County	<u>Master Fleet Technician</u>	6105	\$63,752	\$77,480	21.53%
Ventura County	<i>No Comparable Class</i>				
	County Mean:		\$63,367	\$85,643	35.15%
	County Median:		\$63,367	\$86,840	37.04%
<b>Riverside County</b>	<i>Proposed - Fire Apparatus Technician III</i>				#VALUE!
	Dollar difference from Mean:		#VALUE!	#VALUE!	
	Percentage difference from mean:		#VALUE!	#VALUE!	
	Dollar difference from median:		#VALUE!	#VALUE!	
	Percentage difference from median:		#VALUE!	#VALUE!	

Notes:

Run Date:

Date Prepared/Revised: 3/9/2023

By: DF



**PROOF OF  
PUBLICATION**

**STATE OF CALIFORNIA SS.  
COUNTY OF RIVERSIDE**

RIVERSIDE COUNTY-BOARD OF SUP.  
4080 LEMON ST

RIVERSIDE CA 92501

I am over the age of 18 years old, a citizen of the United States and not a party to, or have interest in this matter. I hereby certify that the attached advertisement appeared in said newspaper (set in type not smaller than non paniel) in each and entire issue of said newspaper and not in any supplement thereof of the following issue dates, to wit:

05/17/2023

I acknowledge that I am a principal clerk of the printer of The Desert Sun, published weekly in the City of Palm Springs, County of Riverside, State of California. The Desert Sun was adjudicated a Newspaper of general circulation on March 24, 1988 by the Superior Court of the County of Riverside, State of California Case No. 191236.

I certify under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct.. Executed on this 17th of May 2023 in Green Bay, WI, County of Brown.

  
DECLARANT

Ad#:0005694398  
P O : Ordinance No. 499.16  
**This is not an invoice**  
# of Affidavits: 1

**RIVERSIDE COUNTY BOARD OF SUPERVISORS**

NOTICE IS HEREBY GIVEN that a public meeting at which all interested persons will be heard, will be held before the Board of Supervisors of Riverside County, California, on the 1st Floor Board Chambers, County Administrative Center, 4080 Lemon Street, Riverside, on Tuesday, May 23, 2023 at 9:30 a.m., or as soon as possible thereafter, to consider adoption of the following Ordinance:

**SUMMARY OF ORDINANCE NO. 499.16  
AN ORDINANCE OF THE COUNTY OF RIVERSIDE AMENDING ORDINANCE NO. 499  
RELATING TO ENCROACHMENTS IN COUNTY HIGHWAYS**

This summary is presented pursuant to California Government Code Section 251224(b): a certified copy of the full text of Ordinance No. 499.16 may be examined at the Office of the Clerk of the Board of Supervisors of the County of Riverside, located at 4080 Lemon Street, 1st Floor, Riverside, California.

Ordinance No. 499.16 amends Ordinance No. 499 in its entirety to update and clarify the ordinance language to better address the process for utility companies authorized under a valid franchise agreement, special districts, public agencies, and private parties to perform work with the County's rights-of-way under valid agreements and encroachment permits as well as to better plan, design, construct and protect public works projects. In addition, formatting changes and editing are desired that would modernize the ordinance to make it consistent with current ordinance practice. The major proposed changes to the ordinance include updates/modernizes the Ordinance language, adds a new moratorium section on work within newly paved roadways, provides a section on applicable definitions, and further clarifies intent in various Ordinance sections, including but not limited to, precise location of utilities (potholing) and multi-step relocations. This Ordinance amendment does not include any rate changes to fee schedule; however, it will be forthcoming in a separate amendment.

The purpose of the ordinance is to establish policies, procedures, and standards for regulating encroachments in County Highways. The County of Riverside expends a significant amount of time and public funds to construct and maintain road, bridge, drainage, and signal improvements throughout the County. The proposed changes will update, clarify the ordinance language; and put in place guidelines for those that install encroachments within County Road rights-of-way. The proposed changes will help avoid contract delays and additional costs as well as minimize the detrimental impacts to new roads by untimely utility installations. Ordinance No. 499.16 would take effect 30 days after its adoption.

Please send all Street, 1st Floor  
cob@rivco.org.

Alternative for  
you require re:  
(951) 955-1069.

Dated: May 4, 2023

Published: 5/17/2023

**RIVERSIDE COUNTY BOARD OF SUPERVISORS**

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Please send all written correspondence to: Clerk of the Board, 4080 Lemon Street, 1st Floor, Post Office Box 1147, Riverside, CA 92502-1147 or email [cob@rivco.org](mailto:cob@rivco.org).

Alternative formats available upon request to individuals with disabilities. If you require reasonable accommodation, please contact Clerk of the Board at (951) 955-1069, at least 72 hours prior to the meeting.

Dated: May 4, 2023

Kimberly A. Rector, Clerk of the Board

Published: 5/17/2023

By: Cindy Fernandez, Clerk of the Board Assistant

RECEIVED RIVERSIDE COUNTY  
CLERK/BOARD OF SUPERVISORS  
2023 MAY 30 AM 10:51