

FULL-SCALE. FULL EXPERIENCE. FULLY FUNDED.



SERTC offers fully funded DHS/FEMA-certified courses to local, state, tribal, and territorial first responders. All tuition, travel, lodging, and meal expenses are paid through the agreement – at no cost to the student or sponsoring agency.

Visit www.sertc.org/register to review grant qualifications and apply now.

SERTC 2025 DHS/FEMA COURSE SCHEDULE

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
HazMat WMD Tech for Surface Transportation (HWMDTST)	Week 1 20-24 Week 2 27-31		Week 1 10-14 Week 2 17-21	Week 1 21-25 Week 2 28-5/2				Week 1 11-15 Week 2 18-22			Week 1 10-14 Week 2 17-21	
Tank Car Specialist (TCS)			3-7		19-23		14-18	4-8	29-10/3			
Leadership & Mgmt. of Surface Transportation Incidents (LMSTI)			17-21	28-5/2				18-22			17-21	
Highway Emergency Response Specialist (HERS)		3-7 24-28	24-28	21-25	19-23	9-13		4-8	29-10/3		10-14	1-5 8-12
Alternative Fuels and Flammable Incident Response and Mgmt. (AFFIRM)				7-11	12-16	2-6	7-11 21-25		8-12	6-10 20-24	3-7	
Surface Transportation Emergency Preparedness and Security (STEPS)	<p>Schedule these remote delivery courses at your facility, at your convenience. Contact sertc@aar.com to learn how.</p>											
Railroad Safety Awareness (RSA)												



SCAN ME

Visit us!
www.sertc.org

A division
of MxV Rail



COURSE SUMMARIES

Visit www.sertc.org for full class descriptions, prerequisites, and to apply for DHS/FEMA funding.



Member of the National Domestic Preparedness Consortium (NDPC)

ALTERNATIVE FUELS AND FLAMMABLE INCIDENT RESPONSE AND MANAGEMENT (AFFIRM)

PER-327 | 5 days (40 hours) | SERTC campus

Created in partnership with Hazard3 and EPC, our new AFFIRM course teaches emergency response to all classes of flammable commodities and alternative fuels including battery electric vehicles, Class 3 flammable liquids, and Class 2 flammable gases.

HIGHWAY EMERGENCY RESPONSE SPECIALIST (HERS)

PER-291 | 5 days (40 hours) | SERTC campus

SERTC's most popular course equips hazmat technicians with competencies beyond those required to meet NFPA 470 cargo tank specialist level. All types of highway emergencies from tractors to cargo tanks for hazardous materials are covered through classroom instruction, demonstrations, and hands-on exercises.

HAZMAT/WMD TECHNICIAN FOR SURFACE TRANSPORTATION (HWMDETST)

PER-293 | 10 days (80 hours) | SERTC campus

This course expands on traditional hazmat tech curriculum and focuses on recognition and response to highway, rail, and intermodal emergencies. Designed to help you hit the ground running when encountering the most common types of hazmat emergencies. Exceeds OSHA 1910.120 & NFPA 472 definitions. Approved for IFSAC testing.

LEADERSHIP & MANAGEMENT OF SURFACE TRANSPORTATION INCIDENTS (LMSTI)

PER-292 | 5 days (40 hours) | SERTC campus

Designed for responders in public/private sectors promoted to supervisory level positions and who require training to apply national standards (NIMS/NRF) and laws to surface transportation response command responsibilities. LMSTI is 50% classroom and 50% hands-on, and students participate in realistic leadership scenarios in conjunction with our technician and specialist classes.

RAILWAY SAFETY AWARENESS (RSA)

AWR-290 | 0.5 days (4 hours) | Remote delivery

This course outlines the skills necessary to recognize the severity of incidents involving rolling stock used in rail transportation, how to contact the proper personnel with the railroads, and how to work seamlessly with the private sector employees and contractors that may be dispatched to the scene.

SURFACE TRANSPORTATION EMERGENCY PREPAREDNESS AND SECURITY (STEPS)

PER-326, PER-330, PER-331 | 4-16 Hours (focus dependent) | Remote delivery

Three courses focused on preparedness and security are delivered at your location, at your convenience. Freight (STEPS-FR) addresses the complexities of freight transportation security and preparedness across all modes, while Mass Transit (STEPS-MT) focuses on all modes of mass transportation. Senior Officials (STEPS-SR) helps executive and elected officials identify threats/vulnerabilities in freight, passenger, and industrial facilities.

TANK CAR SPECIALIST (TCS)

PER-290 | 5 days (40 hours) | SERTC campus

This course builds upon hazmat technician-level skills, focusing on recognition and response to railroad emergencies. Responses to all types of railcars and locomotives are covered and practiced, exceeding the competencies required per NFPA 470.



SCAN ME



Workflow Submission

Today's Date

04/24/2025

Requestor

CA Christian A. Sanchez

Division:

Hazmat

TCFP

2144753901

PID

1016022

FEMA

0001079993

TEEX

<No Value>

^ Class Information

Class Start Date

07/06/2025

Class End Date

07/12/2025

Class Name

PER-327 Alternative Fuels and Flammable Incident
Response and Management (AFFIRM)

Class Location

45825 E State Highway 96, Pueblo, Colorado, 81006

[Show Map Thumbnail](#)

Class Description

Enter class description or upload file below.

FEMA works with state, local, tribal and territorial governments to build and deliver resources and capabilities that ensure the nation can withstand climate hazards of today and those we anticipate for tomorrow. One of those hazards is the training and preparedness gap caused by the evolution of transportation fuels and related commodities. Fossil fuels such as crude oil and natural gas will likely be a vital part of our way of life for the foreseeable future, but our nation's continuing efforts toward clean energy means that the likelihood of responders encountering incidents involving alternative fuels is becoming more and more likely.

While crude oil and derived products have traditionally been the focus of training for flammable commodities, alternative fuels such as biodiesel and ethanol, hydrogen fuel cells, and electrified vehicles are becoming increasingly common nationwide. This course will fill the gap in training and preparedness for these types of incidents via classroom instruction and hands-on, full-scale, live-fire scenarios that will simulate incidents involving these materials.

^ Class Description File Upload



[PER-
327 Course Details.pdf](#)

Purpose, and how this training benefits the FMO:

To better assess, mitigate and control incidents involving alternative fuels for Hazmat Technicians

Transportation

Other

PCL XL error

Subsystem: IMAGE

Error: ExtraData

Operator: ReadImage

Position: 20260



FEMA

National Disaster & Emergency Management University

Independent Study Program

Student Transcript

04/24/2025

CHRISTIAN A SANCHEZ

SID#: XXXXXX9993

IS-00005.a: An Introduction to Hazardous Materials

Date Completed: 6/10/2015

CEU: 1.00

IS-00029.a: Public Information Officer Awareness

Date Completed: 3/21/2025

CEU: 0.70

IS-00100.b: Introduction to Incident Command System ICS-100

Date Completed: 7/16/2013

CEU: 0.30

IS-00200.b: ICS for Single Resources and Initial Action Incident, ICS-200

Date Completed: 8/6/2013

CEU: 0.30

IS-00700.a: National Incident Management System (NIMS) An Introduction

Date Completed: 6/6/2015

CEU: 0.30

IS-00800.c: National Response Framework, An Introduction

Date Completed: 11/17/2018

CEU: 0.30

******* END OF TRANSCRIPT *******

Course Details

Alternative Fuels and Flammable Incident Response and Management (AFFIRM)

PER-327

Training Provider: Transportation Technology Center, Inc.

Course Level: Performance

Delivery Type(s): Residential

Duration (in Hours): 40.0

Community Lifeline(s): Safety and Security, Energy, Communications, Transportation, Hazardous Material

Continuing Education Units:
General: 4.0

Duration (in Days): 5.0

Course Description:

FEMA works with state, local, tribal and territorial governments to build and deliver resources and capabilities that ensure the nation can withstand climate hazards of today and those we anticipate for tomorrow. One of those hazards is the training and preparedness gap caused by the evolution of transportation fuels and related commodities. Fossil fuels such as crude oil and natural gas will likely be a vital part of our way of life for the foreseeable future, but our nation's continuing efforts toward clean energy means that the likelihood of responders encountering incidents involving alternative fuels is becoming more and more likely.

While crude oil and derived products have traditionally been the focus of training for flammable commodities, alternative fuels such as biodiesel and ethanol, hydrogen fuel cells, and electrified vehicles are becoming increasingly common nationwide. This course will fill the gap in training and preparedness for these types of incidents via classroom instruction and hands-on, full-scale, live-fire scenarios that will simulate incidents involving these materials.

Course Objectives:

At the end of this course, participants will be able to:

At the conclusion of this course, participants will have a well-rounded knowledge of emergency response to all classes of flammable commodities and alternative fuels including battery electric vehicles, class 3 flammable liquids, and class 2 flammable gases.

Other Prerequisites:

Firefighter I (NFPA 1001) or similar training such as NFPA 1081 Hazardous Materials Operations (NFPA 470) or similar training such as OSHA HAZWOPER Introduction to the Incident Command System (IS-100) Basic Incident Command System for Initial Response (IS-200) Introduction to the National Incident Management System (IS-700)

Primary Core Capability:

Fire Management and Suppression

Secondary Core Capability(s):

- Critical Transportation
- Environmental Response/Health and Safety

NTED

- On-scene Security, Protection, and Law Enforcement
- Physical Protective Measures
- Threats and Hazard Identification

Mission Area(s):

- Respond

Discipline(s):

- Fire Service
- Hazardous Material
- Transportation

Training Certificates:

Transportation Technology Center, Inc. Certificate of Completion

Course POC:

SERTC Administration

POC Work Phone: 719-584-0584

POC Work Email: brandon-dean_morris@aar.com

POC Information: sertc@aar.com

Course Active?: No



Fort Bend County Fire Marshal's Office Training Request Form

Date:	04/25/25		
Requestor:	Christian Sanchez	Division:	Hazmat
Class:	PER-327: Alternative Fuels and Flammable Incident Response and Management (AFFIRM)		

TCFP# 2144753901

PID# 1016022

FEMA# 0001079993

TEEX# 1793427

Class information (location, dates, organization, type of training):

July 7th -11th, 2025 (0800 - 1700)
Travel Days - July 7th (to SERTC) and July 11th (to Houston)
Security and Emergency Response Training Center (SERTC)
45825 E Hwy 96, Building 583
Pueblo, CO 81006
sertc@aar.com

Purpose, and how this training benefits the FMO:

For better recognition of potential hazards dealing with alternative fuels for Hazmat Technicians

Cost:(include tuition, hotel, airfare):Personal Vehicle ☐

All costs are reimbursed by SERTC/FEMA.

County Vehicle ☐**Equipment needs:**

Personal PPE

Prerequisites(attach all supporting documents with this form):

Firefighter I (NFPA 1001) or similar training such as NFPA 1081
Hazardous Materials Operations (NFPA 470) or similar training such as OSHA HAZWOPER
Introduction to the Incident Command System (IS-100)
Basic Incident Command System for Initial Response (IS-200)
Introduction to the National Incident Management System (IS-700)

Denied <input type="checkbox"/>	Approved <input type="checkbox"/>
Denied <input type="checkbox"/>	Approved <input type="checkbox"/>
Denied <input type="checkbox"/>	Approved <input type="checkbox"/>

Battalion Chief Signature

Assistant Chief Signature

Fire Marshal Signature

Remarks: