

Example of Emergency Response Training Available to Local Response Groups

SERTC, Pueblo, CO. – Free on-line flammable liquids by rail and crude by rail training courses.



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Security and Emergency Response Training Center

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WEB-BASED—FOR FLAMMABLE LIQUIDS TRANSPORTED BY RAIL



Course Duration: Self-paced, 4-hr program

Price: No Charge to Emergency Responders

"INTRODUCTION TO INCIDENTS INVOLVING FLAMMABLE LIQUIDS TRANSPORTED BY RAIL"

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The Security and Emergency Response Training Center (SERTC) in partnership with the Center for Rural Development (CRD) have released "Introduction to Flammable Liquids Training". This is a Web Based Training program that is available at no charge to emergency responders. This Web Based Training program is designed to assist volunteer and rural emergency responders with the understanding of, preparing for, and appropriate response to incidents involving flammable liquids including crude oil, ethanol, and other flammable liquids that travel by rail through their communities. This self-paced program is designed to build a strong foundation for the emergency responder.

The program, developed by SERTC, is designed to be a self-paced program where the participant can start and stop as needed throughout the 4 hour program. A base evaluation starts the program and ends with a final evaluation to allow the participant to gauge what has been learned. Upon successful completion, the participant will receive a certificate of completion.

In order to assist all emergency responders, this program has the added value of being closed captioned to assist those that have specific needs.

The program covers:

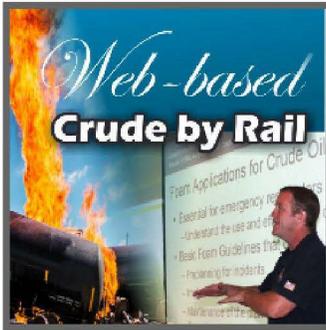
- Introduction
- History of Flammable Liquids
- Planning for Flammable Liquid Incidents
- Tank car recognition and design
- Chemical and physical properties and Monitoring
- Site Assessment
- Tactical Considerations for Flammable Liquid Incidents

This training was developed with grant funds awarded by the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration under Agreement # HM-ALT-003-15-01-00.

After taking the online training, receive credit by downloading the [CEU pdf](#).

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WEB-BASED—FOR CRUDE BY RAIL



Course Duration: Self-paced, 4-hr program

Price: No Charge to Emergency Responders

Course Description — Crude By Rail (CBR) Emergency Response 4-Hour, Web-based Training

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OVERVIEW

No Charge — Web-Based Crude by Rail Training for Emergency Responders. The Association of American Railroads, in cooperation with the seven major railroads, BNSF, CN, CP, CSX, KCS, NS, and UP are now offering, at no charge to emergency responders, Crude by Rail Web Based Training.

This program, developed by TTCI-SERTC, is designed for and gives the emergency responder the basic knowledge to respond to incidents involving CBR. The web-based training is designed for your convenience. You decide when and where to start your training. Instructors teach this program in a format that is easy for you to understand, and it gives you the foundational information needed to make basic protective decisions in the event an incident happens in your jurisdiction

The program covers:

- History of crude oil
- Planning and working with the railroads
- Basic tank car recognition and design
- Chemical, physical, and toxic properties of the different crude oil transported
- Basic site and damage assessment
- Tactical product control methods, including the application of firefighting foam agents, water and spill control procedures

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Transportation Rail Incident Preparedness & Response



Introduction &
Planning



Incident
Management



Problem
Identification



Hazard
Assessment & Risk
Evaluation



Select Proper PPE



Logistics &
Resource
Management



Select & Implement
Response



Decon & Post-
Emergency
Operations



Scenarios

The Transportation Rail Incident Preparedness and Response, Flammable Liquid Unit Trains resource materials were developed to provide critical information on best practices related to rail incidents involving hazard class 3 flammable liquids, such as crude oil and ethanol. A key component of this initiative is to learn from past experiences and to leverage the expertise of public safety agencies, rail carriers, and industry subject matter experts in order to prepare first responders to safely manage incidents involving flammable liquid unit trains.

These training resources offer a flexible approach to training the first responders and emergency services personnel in pre-incident planning and response. Each module contains a PowerPoint presentation, Student Workbook, and Instructor Lesson Plan. In addition to these materials, there are three interactive scenarios with animation and introduction videos to help instructors lead tabletop discussions. Click on the images above to download information.

Credit for the Cherry Valley Fire District photos: Cherry Valley Fire Protection District MABAS, Division 8, Photographer David Carlson

Resources

- [Instructor Lesson Plan](#)
- [Student Workbook](#)
- [Reference Sheet for Crude Oil](#)
- [Evaluation Checklist](#)
- [Feedback & Questions](#)

Source- PHMSA Website, May 30, 2016



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Resources

The resources compiled on this web site are drawn from a variety of sources. They are meant to help TRANSCAER® state team members and others implement TRANSCAER® training events. Inclusion on this web site does not indicate endorsement by TRANSCAER® or any of its sponsoring or participating organizations. Please click on the links on the right navigational list to learn more about TRANSCAER®.

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- » [Anhydrous Ammonia Training Tour](#)
- » [Transportation Rail Incident Preparedness and Response \(TRIPR\)](#)
- » [Transcaer In The Press](#)
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Crude Oil by Rail Response Safety Course

API, the Association of American Railroads and the member companies of both organizations have worked to create a safety awareness course for first responders. The course, which will be offered through TRANSCAER® and can be reviewed online or presented in person by a TRANSCAER® approved instructor, is meant to provide some of the information first responders need to know before approaching an incident involving crude oil moved by rail. While crude oil is a flammable liquid and should be treated as such during a response, the growth in crude oil by rail has raised concerns about how first responders can be better prepared if an incident occurs. This program seeks to assist in preparation by describing the characteristics of crude oil and the rail cars it is shipped in, the RECEOS strategies that should be considered if crude oil is present, spill response and firefighting considerations, and the need for structured incident management. This course has been designed for first responders with basic fighting training and is offered free of charge. Requests for in-person course instruction should be directed to your TRANSCAER® state coordinator. Also see the [TRANSCAER® website](#) for a calendar of course offerings, or contact Suzanne Lemieux at lemieuxs@api.org to request a specific event.

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Source: TRANSCAER Website May 30, 2016

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Training Programs

[Assistance for Local Emergency Response Training \(ALERT\)](#) *Coming soon*

[Pipeline Emergency Preparedness Training](#)

Access these training programs and more on the [Hazmat Fusion Center Training Packages](#) webpage:

- Biodiesel: Response Considerations
- Carbon Monoxide Release: Training Package
- Chlorine Release: Training Package
- Responding to Ethanol Incidents

Downloadable Tools and Other Resources

[Safety on Scene: Crude Oil Trains - What Fire Chiefs Need to Know](#) (pdf)

[Flammable Liquid Unit Trains Resource Sheet](#) (pdf)

[Safety Brief: Bakken Crude Oil - Rail Response Considerations](#) (pdf)

[Safety Brief: Explosive Cargo Trucks Response Considerations](#) (pdf)

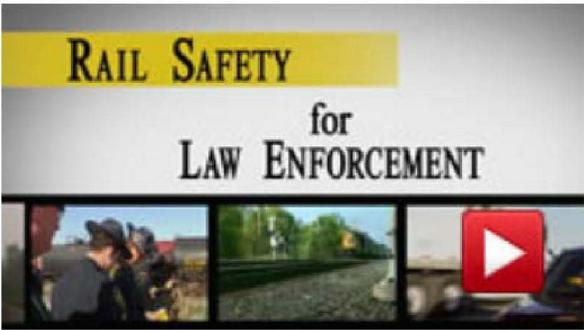
[IAFC Model Procedures for Responding to a Package with Suspicion of a Biological Threat](#) (pdf)

[Ethanol Fixed Facilities Guide](#) (pdf)

[DOT safety alert: Responding to Incidents Involving Ethanol and Gasoline Fuel Mixtures](#) (pdf)

[IAFC letter to TSA on hazmat placards](#) (pdf)

Source: IAFC Website May 30, 2016

IN THE SPOTLIGHT	IN THE SPOTLIGHT
 <p>Rail Safety for Law Enforcement</p> <p>FRA releases informational videos for first responders and emergency dispatchers as part of its Grade Crossing Safety & Trespass Prevention program.</p> <p>● ●</p>	 <p>Rail Safety for Emergency Dispatchers</p> <p>FRA releases informational videos for first responders and emergency dispatchers as part of its Grade Crossing Safety & Trespass Prevention program.</p> <p>● ●</p>

Training Videos for Law Enforcement and Emergency Dispatchers