

# Railroad Emergency Response and Hazardous Materials Awareness Training



**BNSF RAILWAY** in conjunction with TransCAER® (Transportation Community Awareness and Emergency Response) offers a **FREE** railroad familiarization course for community emergency responders. The course is taught from a rail industry perspective. This is to ensure that participants receive a better understanding of the hazardous materials regulations that apply to land transportation and in particular, to the railroad industry. This 4 hour course consists of two sections, a class room presentation and a hands on section working with valves and appurtenances from railroad tank cars.

**CLASSROOM WORKSHOP** is an introduction to the railroad industry, BNSF specific information is presented in limited areas only. This is an interactive presentation and open to questions, comments and feedback from all attendees. A classroom syllabus will be given to each student to keep and use for future reference.

## TOPICS:

- Safety Considerations While Working Around a Railroad
- Flagging Procedures to Stop a Train
- Emergency Contact Phone Numbers and Methods
- Specialized Equipment and Resources
- Types of Hazardous Materials Transported
- Shipping Papers Used in Transportation of Hazardous Materials
- Understanding and Use of a Train List
- Hazardous Classification Review
- Risk Analysis and Traffic Flow
- Railroad's Role in the Incident Command System
- Types of Railroad Cars and Locomotive Safety Considerations
- Damage Assessment
- Different Types of Crude Oil Transportation via Rail
- Properties of Crude Oil
- Emergency Response Considerations
- Industrial Firefighting Considerations

**HANDS-ON WORKSHOP** is conducted using railroad specific training trailers or one of BNSF's training tank cars. This training focuses on familiarization with various valves and fittings on pressure and general service tank cars. Leaks can be simulated on most of the equipment so attendees can obtain experience in the appropriate response methods used to address them.

## TOPICS:

- Tank Car Construction and Safety Features
- Railcar Nomenclature
- Tank Car Valve and Fittings
- Locomotive Hazards

**PERSONAL PROTECTIVE EQUIPMENT** required for hands-on workshop. Solid shoes, preferably high top boots are recommended and full length pants are required. No sandals are permitted. Gloves are optional, but recommended. Depending on the location of the training equipment in a rail yard facility, hard hats and safety glasses may be required.



More Information & Request Training

[www.BNSFHAZMAT.com](http://www.BNSFHAZMAT.com)