



DANGEROUS GOODS TEAM

TransCAER Training Program



TRANS CAER

CN 911

LD LMT 155000 LBS 70300 KGS
LT WT 108000 LBS 49000 KGS



Partners in Responsible Care

TRAINING CAR

CN



Partners in Responsible Care

858

SPRS. D-3
COLUMBIA
MO. 65201

1 1/2 INCH HF COMP SHOES



DANGEROUS GOODS TEAM - TransCAER Training



- Classroom Training
 - 1 - Awareness Level
 - 2 - Operations Level
 - 3 - Technician Level
- CN 911 Training Tank Car / Training Trailer
- Railroad Emergency Response Course (RER)
- Tank Car Specialist (Firefighter / First Responder Week) (S.E.R.T.C. Pueblo, CO)
- Contractor Week (S.E.R.T.C. Pueblo, CO)
- Emergency Response Exercises, Tabletop Scenarios and Mock Incidents





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TransCAER Training – Classroom (without CN 911 Training Tank Car or Trailer)

1

Awareness Level

Classroom session / Estimated 1-2 hours.

- The CN TransCAER program is designed to provide first responders with basic railroad incident awareness training. It covers the following topics: The CN Network, Railroad Operations and System Protection
- General Railroad / Rail Yard Safety / Derailment Site Safety Concerns
- CN Emergency Contact Information/CN Emergency Response Plan Activation
- Identification of Responders Location on the Rail Network
- CN Dangerous Goods Group Functions and Responsibilities

2

Operations Level

Classroom session / Estimated 2.5-3 hours.

The Operations Level includes training on the same items covered in the Awareness Level Class, but also covers the following topics:

- CN's Emergency Response Contractor Network
- Locomotive and railcar orientation (markings, construction etc.)
- Tank cars (basic awareness)
- Site assessment
- Train consists

3

Technician Level

Classroom session / Estimated 3-4 hours.

The Technician Level covers the same items covered in the Awareness and Operations Levels with the addition of the following:

- Tank car nomenclature – pressure and nonpressure
- Tank car construction
- Common valve and fitting arrangements
- Common leak points
- Hazards associated with each type of car
- Damage assessment





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TransCAER Training – with CN 911 Training Tank Car or Trailer



CN 911 Training Tank Car

Field / Estimated 3-8 hours.

May include training in Awareness, Operations and Technician levels. The CN 911 Training Tank Car can be transported to a yard or a nearby rail siding.



CN Training Trailer

Field / Estimated 3-8 hours.

May include training in Awareness, Operations and Technician levels. The Training Trailer can be transported to virtually any location.



Both the Training Tank Car and Training Trailers provide responders with the opportunity for hands-on training with tank car valves and fittings and to familiarize themselves with tank car components. For those members trained to, or requiring training to the Technician Level, this can serve as practice with the Chlorine "C" kit, Midland Capping kit or any other valve repair scenario. These programs can be customized to a department's needs and equipment.



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Railroad Emergency Response (R.E.R.)



Classroom session / Estimated 8 hours.

The CN Railroad Emergency Response course was designed for Command Level emergency response personnel from the public sector (fire departments) and private sector (railroaders) to train together on a scenario to provide each group with a deeper understanding of each other's emergency response methodology.

The course covers the legal requirements of Emergency Response Legislation from both the Canadian and U.S. Regulations, and addresses topics such as:

- Responders' competencies
- An overview of CN Emergency Response Plan and Logbooks
- CN Response Methodology
- General railway incident safety
- Site assessment
- Incident Command and Unified Command
- Tabletop exercise

This training may be expanded through more in-depth coverage of topics as required and the addition of case studies and other exercises.





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Tank Car Specialist (T.C.S.) – Responder Week at the Security and Emergency Response Training Center (S.E.R.T.C.) in Pueblo, CO



Classroom & Field / 40 hours.

CN hosts a one-week Tank Car Specialist course, teaching HazMat technician skills specifically related to tank car emergency response. This course focuses on:

- Railroad tank car design and construction (tank car recognition)
- Valve repair
- Damage assessment
- Derailment response
- DOT Hazard Classes and associated dangers
- Incident Command System and Unified Command System
- Common types of leaks encountered
- How to mitigate leaks in the field



Emergency product removal techniques are studied, and include transferring products from damaged cars and flaring of flammable gases. The course concludes with a field exercise simulating a full-scale derailment response.

S.E.R.T.C. is a member of the National Domestic Preparedness Consortium of the Department of Homeland Security.



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Contractor Week at the Security and Emergency Response Training Center (S.E.R.T.C.) in Pueblo, CO



Classroom & Field / 40 hours.

CN hosts a one-week HazMat training session for emergency response and remediation contractors using the S.E.R.T.C. facility, its instructors, guest instructors and CN Dangerous Goods Officers to provide valuable hands-on training in a railway environment.



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DANGEROUS GOODS TEAM

Emergency Response Exercises, Tabletop Scenarios and Mock Incidents



CN engages in numerous exercises, tabletop scenarios, mock incidents and simulations in cooperation with:

- Railroads
- Chemical shippers
- Associations
- Local Emergency Planning Committees (LEPC)
- Fire Department
- Emergency Medical Services (EMS)
- Police Departments
- Regulators

CN works in cooperation with other Class 1 Railroads, travelling across our North American network to train first responders, reaching thousands every year. Other Class 1 Railroads conduct similar activities, helping to assist communities to prepare for and respond to a possible HazMat / Dangerous Goods transportation incident.

