

# RAIL SAFETY & HAZMAT EMERGENCY RESPONSE TRAINING

**FEATURED HAZMAT:** Toxic Gases (Chlorine & Hydrogen Chloride); Corrosive Liquids (Hydrochloric Acid & Caustic Soda) & Flammable Gases (Vinyl Chloride)

## TRAINING INCLUDES:

### CLASSROOM SESSIONS:

**Railroad 101:** Learn about railroad operations, hazards and safety rules. Rail hazmat safety and emergency response procedures are reviewed.

**Hazmat Safety & Emergency Response:** Learn about the physical and chemical properties of toxic gases (chlorine & hydrogen chloride); corrosive liquids (hydrochloric acid & caustic soda) and flammable gases (vinyl chloride). Transportation methods, health effects of acute exposure, proper selection of personal protective equipment, first aid, and medical treatment measures are reviewed.

### FIELD EXERCISES:

**Understanding Tank Cars:** Learn about the anatomy of general service and pressure tank cars including protective housings; valves and fittings; truck components; safety appliances; jacket, shell and head construction; placards and markings.

**A-Kit Workshop:** Learn about potential leak scenarios for chlorine 150-lb cylinders and how to mitigate those leaks. Install new and old versions of the Emergency Kit "A" on chlorine cylinders.

**B-Kit Workshop:** Learn about potential leak scenarios for chlorine ton containers and how to mitigate those leaks. Install new and old versions of the Emergency Kit "B" on ton container training devices.

**C-Kit Workshop:** Learn about potential leak scenarios for chlorine rail tank car valves and fittings and how to mitigate those leaks. Install the Emergency Kit "C" on chlorine tank car valve arrangements for standard and next generation (dual valve system) assemblies.

**Midland ERK Workshop:** Learn about potential leak scenarios for flammable gas tank car valves and fittings and how to mitigate those leaks. Install the Midland Emergency Response Kit on a typical flammable gas assembly.

**Kelso ERK Workshop:** Learn about potential leak scenarios for compressed gas tank car valves and fittings and how to mitigate those leaks. Install the Kelso response kit on a typical compressed gas assembly.

**Magnetic Patch Workshop:** Participants are able to practice installing the Magnetic Patch on the side of a tank car. This is a standard method of mitigating a hazardous materials leak on the side of a railcar. The leak is simulated using water.

**Required Safety Gear:** Hard hat, gloves, safety glasses, long pants & sturdy leather work boots with a defined heel & safety toe.



\*Click on a date below to register online, or go to [Transcaer.com](http://Transcaer.com).

You will only need to register for one day of training, since the same training is offered on multiple days!

Go to [Transcaer.com](http://Transcaer.com) to access a map of the training site.

LOCATION	ADDRESS	TIME	DATE
Salt Lake City, UT	Union Pacific Roper Yard: 650 Davis Rd	8:00 am– 4:00 pm	<a href="#">May 24</a>
Salt Lake City, UT	Union Pacific Roper Yard: 650 Davis Rd Salt Lake City, UT 84419	8:00 am– 4:00 pm	<a href="#">May 25</a>

**FREE 1-day training events include:** Morning refreshments & a complimentary lunch, copies of training materials, & certificate of completion emailed after the event.

Please contact RaeAna Eiley at The Chlorine Institute for additional information: (703) 894– 4117 or [reiley@cl2.com](mailto:reiley@cl2.com)

**Pre-Registration Strongly Recommended!**

