

preparing communities for transportation incidents

Dow Chemical's Northeast Tour Points to **SUCCESS**

2012 TRANSCAER® Awards Edition

BASF's "Mr. T"
Gets a Makeover

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Thoughts from the Chairman

While it may be too far along in 2013 to still call it the "new year," it certainly isn't too late to introduce you to your new TRANSCAER® leadership team. But I can't do that without first giving a very hearty thanks to the National TRANSCAER® Task Group team serving the most recent term: Bill Macready of New Century Transportation, Dave Buccolo of Central California Traction Company and Rollie Shook of Dow Chemical. They've laid the foundation for a seamless and successful transition. I also have to acknowledge the exceptional support of Donna Lepik as our Staff Executive with the American Chemistry Council.

Taking a step back, for those who don't already know, your new leadership team, ushered in following our December 2012 meeting, includes David Binder of Tanner Industries, Inc. as our member at large, Frank Reiner of The Chlorine Institute continuing as vice chairman, and yours truly, Ed Chapman, serving as your new National Chairman. Rollie Shook of Dow Chemical will continue serving as the Past Chairman of the National TRANSCAER® Task Group.

As I think about it, our leadership transition isn't unlike the human element of a crew change. We've got a team that has worked tirelessly, and should feel a real sense of pride in having gotten us to our current destination. Bill, Dave and Rollie led TRANSCAER® to -- and through -- one of its most notable years in recent memory. While successfully executing the nationwide anhydrous ammonia training program, TRANSCAER® also furthered the outreach training commitment for ethanol; one of the most commonly transported hazardous material in North America.

And for our part, the "new" crew, we're looking forward to climbing on board and continuing this successful journey.

We're glad to be here and we're going to do our best to continue the progress we've made that's so solidly rooted in our performance. And we can't do it without each of you. It's your commitment that ensures the TRANSCAER® initiative reaches and enhances the knowledge base of emergency responders around the country.

On behalf of the past, present and yes, even future TRANSCAER® leadership teams, thank you for your continued engagement.

If you have suggestions for enhancing the value of the TRANSCAER® effort or increasing the scope of involvement, please let us know -- because it's never too late for a new idea.

Ed Chapman

Ed Chapman of BNSF Railway



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COVER STORY

Dow Chemical's TRANSCAER® 2013 Northeast Training Tour

OFF TO A GREAT START

By Gene Patten, Dana Transport, Inc.

Photo by Gene Patten, Dana Transport

Trainees at ground level learn about railcar anatomy from Conrail's Allen Richter, while on top trainees learn about the Midland Kit from Dow Chemical's David Price.

WHAT HAPPENS when you plan a Safety Train Tour and the TRAIN is delayed? That's exactly what happened in Woodbury, NJ for the recently held Dow Safety Train tour held May 29th through June 2nd! This event was the kick-off for the tour which is to continue on through Bristol PA, Piscataway NJ and Staten Island, NY.

Was the Woodbury NJ stop cancelled? NO! Thanks to the quick thinking of John O'Neill, President of The Firefighters Education and Training Foundation (who creates and maintains numerous TRANSCAER® Safety Trains) and is the TRANSCAER® State Coordinator for Massachusetts, another train was dispatched and arrived the night before the event began.

The Dow Safety Team was instrumental getting the trains positioned as well as the different training modules. Allen Richter, Risk Management Director at Consolidated Rail Corporation (Conrail), monitored the delayed Dow Safety Train until it arrived at the Woodbury, NJ Conrail Site.

The focus of the tour is emergency preparedness training for local and regional emergency response organizations and personnel. Representatives from fire departments from Paulsboro, West Deptford, Woodbury and Cherry Hill, NJ were well represented during this tour. Community leaders took advantage of the invitation to attend the sessions to learn how they could elevate their assistance and communications within their communities. Several of the emergency response personnel who attended this training also responded to the November 2012 train derailment in Paulsboro, NJ.

Two training tracks are provided:

TRACK 1 - General Awareness for Non-responders.

TRACK 2 - Hazmat Tech Training which includes Rail Car Anatomy; Capping Kits (Midland and C-Kit); Responding to TIH/FG Emergencies; Leak Mitigation; Tank Truck Emergencies; and Chlorine Emergencies.

"It truly took a 'TEAM' effort to accomplish the great success in Woodbury" said John O'Neill, Firefighters Education and Training Foundation. "It's not only a 'TEAM' ... it's good friends working together for the betterment of the communities. I look forward to our next event." Mike Stephenson, TRANSCAER® New Jersey State Coordinator, expressed his gratitude to the team: "Excellent job with both plan A and plan B this last week folks = another successful TRANSCAER® training tour event!! I appreciate all the great work, time, and dedication by our sponsors, instructors, volunteers, and, of course, our students!" Allen Richter of Conrail also complimented the NJ team, stating "Great time and enjoyed working with everyone again. I'll train with you guys anytime!"

Other upcoming stops include: Piscataway, NJ (June 27-29); and Staten Island, NY (July 11-13). This tour is sponsored by The Dow Chemical Company, who has teamed with Norfolk Southern, CSX Transportation and Conrail Railroads, the Firefighter's Education and Training Foundation, CHEMTREC® and many other local supporting agencies. Also conducting training modules were Kuehne Company (covering A, B and C Kits) and Dana Transport (Cargo tank trailer anatomy and hands-on training). ■

From top to bottom: Allen Richter of Conrail discusses the anatomy of liquid bulk chemical railcars to members of the Cherry Hill FD. Also in the photo is Robert Dedow of the FRA. Dedow has been a long supporter of TRANSCAER® and is always present during the annual northeast tour stops; from left to right - Sam Simon (Dow), David Price (Dow), Jon Cragg (Dana), Ernest Nepa (Kuehne), John Maldonado (Kuehne), Antonio Dias (Kuehne), Mike Stephenson (TRANSCAER® State Coordinator for New Jersey), Zach Dunkelberger (Dow) and Allen Richter (Conrail). Not shown: Gene Patten, TRANSCAER® Region 1 Coordinator; Ernest Nepa of Kuehne Company explains the "B-Kit" to members of the Cherry Hill FD while members of the Paulsboro NJ FD receive Cargo Tank Trailer hands-on training (in background) - Photo credit: Tony Dias, Kuehne Company; NJ Department of Environmental Protection representatives (Terri Slack and Michael McLinden) learn about cargo tank trailer anatomy from Gene Patten, Dana Transport's VP-Responsible Care® Coordinator and TRANSCAER® Region 1 Coordinator - Photo credit: Sam Simon, Dow Chemical





BASF
The Chemical Company

“MR. T” GETS A MAKEOVER

By Thomas F. McGourty, BASF Corporation

FOR THE PAST SIX YEARS, BASF has partnered with the Norfolk Southern and TRANSCAER® (Transportation Community Awareness and Emergency Response) group to provide outreach training to local communities.

This outreach promotes community understanding of the importance of emergency planning by providing local emergency response groups an opportunity to participate in hands-on training and discussions on hazmat railcar transportation and incident response.

BASF participation has in the past included subject matter experts and instructors from a cross-functional team which has included personnel from Corporate Security, Manufacturing, Rail Fleet Management,

Distribution Safety, Emergency Response and the Rail Command Center, AND it has used BASF’s Mobile Railcar Trainer – “MR. T,” a rolling tank car classroom equipped with an assortment of railcar equipment and GPS security technology.

Using “MR. T,” BASF’s Technical Resource and Chemical Emergency Response (TRACER) Team members have the ability to simulate railcar leak incidents for hands-on emergency responder training. Since being created in 2004, approximately 4,600 personnel have trained on “Mr. T”. Here is what “he” looked like in 2004.

Railroads and sidings are a very tough environment for rail equipment and over the years, “Mr. T”

began showing signs of age. So, during the winter of 2012/2013, “Mr. T” went through a complete overhaul! Here is what “he” looks like today.

So what all got updated on “Mr. T” you might ask? Virtually EVERYTHING including:

- New tool chests permanently mounted
- New railcar “insulation types” display
- New electric generator that runs much quieter
- Powder coated external railcar components to prevent rust
- Revised roof access door (not pictured) to enhance safety
- Mounted valve cutaways and added new internally mounted railcar equipment



Photo credit: Nickolas Guarneri

- New and additional equipment identification labels have been added both inside and outside
- New projector screen permanently affixed within the car
- New wheel truck fenders (not pictured)
- New storage shelving behind screen (not pictured)
- All railcar safety appliance and mechanical systems have been rebuilt

With this new lease on life, our expectation is that we will train another 4,600 in the coming years using the new and very much improved Mr. T! ■



Photo credit: Steven P. Williams

AWARDS FEATURE

2012

NATIONAL TRANSCAER®

Photo by Donna L. Lepik, TRANSCAER®/CHEMTREC®

Awards

TRANSCAER® Names National Award Recipients

TRANSCAER® (TRANSPORTATION COMMUNITY AWARENESS AND EMERGENCY RESPONSE), a voluntary national outreach effort that focuses on assisting communities to prepare for and respond to a possible hazardous materials transportation incident, honored the recipients of its 2012 National Awards Recognition Program during several ceremonies including the American Chemistry Council's Responsible Care® Conference & Expo and the American Association of Railroad/Bureau of Explosives HazMat Seminar.

"This year's award recipients are certainly committed to their companies, but it's their dedication to their communities that truly sets them apart," said National TRANSCAER® Task Group Chair Ed Chapman, of BNSF Railway. "In everything that these great men and women do, they are ensuring that the principles of TRANSCAER® -- including an unparalleled commitment to safety -- enhance the knowledge of emergency responders across the country. And as volunteers who bring these essential programs and people together it's important that we give them the recognition that they deserve. Because they make the difference, each and every day," Chapman added.

The TRANSCAER® Awards Program recognizes the achievements of individuals, companies and organizations that exceed in advocating, demonstrating and implementing at the national and regional levels the principles of TRANSCAER®,



Ed Chapman, NTTG's Chairman makes the National TRANSCAER® Awards presentation during the Association of American Railroads/Bureau of Explosives Hazmat Seminar this Spring in Addison, TX.

including transportation safety, community assistance and emergency response planning and aid.

The awards include:

- ★ **National and Regional Achievement Awards;**
- ★ **The Chairman's Award**, a special, discretionary award given by the National TRANSCAER® Task Group Chairman;
- ★ **The Torch Award**, recognizing those individuals whose legacy leaves a lasting impact on the TRANSCAER® program; and
- ★ **Individual Achievements Awards.**

TRANSCAER® also presented sixty-six Individual Achievement Awards to those individuals who worked

to advance the principles of TRANSCAER® and provided exceptional assistance at a TRANSCAER® event, respectively. The full list of current and previous award recipients is available by visiting the TRANSCAER®.

TRANSCAER® is sponsored by the American Chemistry Council, the Association of American Railroads, CHEMTREC®, The Chlorine Institute, The Fertilizer Institute and the Renewable Fuels Association. ■

For more information on TRANSCAER®, visit www.TRANSCAER.com.

And the recipients were ...

2012 National Achievement Awards



By row from left to right:

- ★ BNSF Railway
- ★ CN Dangerous Goods Team, Canadian National Railway Co.
- ★ Canadian Pacific
- ★ CSX Transportation
- ★ DANA Transport, Inc.
- ★ Dow Chemical
- ★ Norfolk Southern Corporation
- ★ Tanner Industries, Inc.
- ★ Renewable Fuels Association
- ★ Union Pacific Railroad

2012 Regional Achievement Awards



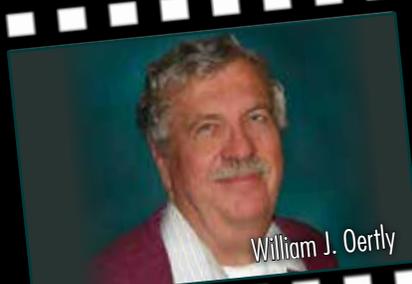
From left to right:

- ★ **Dave Buccolo**, Central California Traction Company;
- ★ **Scott Etzel**, Dow Chemical; and
- ★ **Dan Coots**, TCR Industries, Inc., representing TRANSCAER®'s California State Team

2012 Chairman's Award

Far left:

- ★ **Timothy P. Butters**, Deputy Administrator, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation



2012 Torch Award

Second from left to right:

- ★ **William Fairfield**, Canadian Pacific
- ★ **William J. Oertly**, Norfolk Southern Corporation
- ★ **Art Vesterfelt**, Canadian National Railway Co.

TRANSCAER® Regional Coordinator Earns Trifecta at RC Conference

Dana Earns Three National Awards at annual Responsible Care® Conference & Expo

FOR THE PAST 25 YEARS, the Responsible Care® performance initiative has driven the safe, responsible, sustainable management of chemicals. On May 6, 2013, during the 25th anniversary of Responsible Care®, the American Chemistry Council (ACC) honored exceptional industry leaders at its 2013 Responsible Care® Conference & Expo in Hollywood, FL.

The annual Responsible Care® Conference, which highlights the industry's world-class environmental, health, safety and security performance initiative, provides a forum for industry leaders to learn from their peers and other experts in the field about strategies to improve their companies' product safety and process safety performance and expand business opportunities.

"I am honored to recognize those companies and individuals that truly embody the Responsible Care® ethic," said Sven Royall, chair of ACC's Board Committee on Responsible Care® and Vice President Global Intermediates at Shell Chemicals. "These companies and individuals are what give Responsible Care® its credibility and strength. They demonstrate the chemical industry's commitment to sound performance and the health and safety of its workers, its customers, and the communities in which we operate."

ACC Responsible Care® award winners qualify based on exemplary performance, and are selected by a committee made up of internal and external experts.

The following national recognition awards were presented to Mr. Gene Patten of Dana Companies, who has actively been serving as the TRANSCAER® Region 1 Coordinator since 2011, during the 2013 Responsible Care® Conference & Expo:



From left to right: Cal Dooley, American Chemistry Council; Gene Patten, Dana Companies; Sven Royall, Shell Chemicals.

The 2012 TRANSCAER® National Achievement Award was presented to Ron Dana, Jon Cragg, Gene Patten of Dana Transport Inc. for their unwavering commitment to provide as much emergency response training on cargo tank trailers as possible. Dana Transport has made the commitment to increasing their "footprint" in the TRANSCAER® community and to continue to foster relationships with the local first responders, LEPCs/CERTs and their shippers. Through TRANSCAER®, Dana is committed to working with Dow Chemical, BASF, Chemtura, Momentive and BP Chemicals promoting TRANSCAER®.

The Partner Company Employee of the Year Award was presented to Gene Patten, Responsible Care® Coordinator with Dana Transportation Companies, based in East Avenel, N.J. Patten has been the Responsible Care® Coordinator for Dana Companies since 2008, establishing a long track record of enthusiasm and commitment to Responsible Care®. Patten was also part of the Partner Strategic Review Input Team for the past 16 months, supporting the Partner program during the Strategic Review process.

The Responsible Care® Partner Award recognizes the superb performance and safety record of companies involved in the distribution, transportation, storage, use, treatment-disposal and/or sales and marketing of chemicals. This year's Responsible Care® Partner Award went to TRANSCAER®'s Dana Transportation Companies in East Avenel, N.J. ■

For more information on Responsible Care®, visit: www.americanchemistry.com or for TRANSCAER® at www.transcaer.com

Norfolk Southern Team Earns National TRANSCAER® Recognition

Team Members from Norfolk Southern's Safety & Environmental received recognition from TRANSCAER® for their commitment to preparing communities during their annual staff meeting which was held on January 16, 2013 in Atlanta, GA. ■

Pictured from left-right are: David Schoendorfer, Manager Hazardous Materials; David Julian, Vice President Safety & Environmental; John Lerner, Hazardous Materials Compliance Officer (); Bill Oertly, Hazardous Materials Compliance Officer (*); Michael East, Environmental Operations Engineer (*); Joe Gennette, Manager Environmental Operations; John Casey, Environmental Operations*



Engineer (); Paul Williams, Hazardous Materials Compliance Officer (*); Dave Lefler, Environmental Operations Engineer (*); Dave Wallace, Environmental Operations Engineer (*); Richard Russell, System Director Environmental; Robert Wood, Hazardous Materials Compliance Officer (*). TRANSCAER® award recipient are identified by an asterisk after their name.*

WHO SHOULD ATTEND: Emergency Responders, Fire Departments, EMTs, Police, Safety Managers, LEPC, EMAs, Public Safety Reps, Consultants, etc.

TOPICS: Ethanol and Ethanol-Blended Fuels, Chemical and Physical Characteristics of Ethanol and Hydrocarbon Fuels, Transportation and Transfer of Ethanol-Blended Fuels, Storage and Dispensing Locations, Fire Fighting Foam Principles and Ethanol-Blended Fuel, Health and Safety Considerations for Ethanol-Blended Fuel Emergencies, Tank Farm and Bulk Storage Fire Incidents.

TIME: 9:00 am — 2:00 pm

REGISTER: www.rfa.traincaster.com

WHEN: 7/8/2013 or 7/9/2013 — Sacramento
WHERE: California Fire & Rescue Training Authority - Room 120/122/126
 9320 Tech Center Drive
 Sacramento, CA 95826



WHEN: 7/10/2013 or 7/11/2013 — Oakland
WHERE: Elihu M. Harris State of CA Office Building - Room 1
 1515 Clay St.
 Oakland, CA 94601



WHEN: 7/12/2013 or 7/13/2013 — Modesto
WHERE: Modesto Jr. College Regional Fire Training Center - Room 107
 1220 Fire Science Lane
 Modesto, CA 95351



WHEN: 7/15/2013 or 7/16/2013 — Bakersfield
WHERE: Olive Drive Fire Training Facility - Classroom C
 5642 Victor St.
 Bakersfield, CA 93308



WHEN: 7/17/2013 or 7/18/2013 — Castaic
WHERE: Del Valle Regional Training Center - Classroom D
 28101 Chiquito Canyon Road
 Castaic, CA 91384



WHEN: 7/19/2013 or 7/20/2013 — Long Beach
WHERE: UP Intermodal Container Transfer Facility
 2401 E. Sepulveda Blvd.
 Long Beach, CA 90810



WHEN: 7/22/2013 or 7/23/2013 — San Diego
WHERE: War Memorial Building - Auditorium
 Balboa Park Buildings
 2125 Park Blvd
 San Diego, CA 92101



FREE to attend! Registration is limited. Lunch will be provided. Certificates of completion will be handed out to all attendees at the end of the course. If you have questions, call 402-391-1930 or email safety@EthanolRFA.org.



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TRANSCAER® and the Renewable Fuels Association Promote Ethanol Training Across the US

THE ORIGINAL ETHANOL SAFETY TRAINING

PACKAGE, referred to as the “Complete Training Guide to Ethanol Emergency Response”, was originally created in 2006 by the Renewable Fuels Association (RFA) led Ethanol Emergency Response Coalition (EERC). This training program has been the benchmark of educational means when introducing new renewable fuels, like ethanol, and set the Renewable Fuels Association (RFA) as industry’s role model for product stewardship.

With the promise of a national TRANSCAER® Ethanol Training Tour, RFA took this opportunity to update the original “Complete Training Guide to Ethanol Emergency Response” with the most current industry and safety information. A lot has changed in the “ethanol world” since 2006 and RFA is committed to making sure emergency responders have access to the most current information. Working with the International Association of Fire Chiefs, RFA reviewed and updated the content of the original classroom program. Bringing IAFC’s expertise to the training materials ensures the program is all-encompassing for students. Next for update were video portions for each of the training modules. RFA added to the program railcar specific information developed by another expert organization: the Canadian Pacific Railroad. Another new aspect, there will be virtual access to RFA’s own expert hazmat trainer, Glen Rudner, giving the nearly four hour, seven module classroom course. Rounding out the improvements in the ethanol training package are several safety videos and technical documents. Just for good measure and because RFA always goes the extra mile, there are promotional and press release guides to ensure each seminar can attract students!

The “Complete Training Guide to Ethanol Emergency Response” new DVD package will



NEW LOOK & IMPROVED SAFETY INFORMATION!

include: a How-to Guide, seven Module PowerPoints embedded with instructor notes, Instructors Manual & Student Manual, Responding to Ethanol Incidents video, Emergency Response Considerations video, Railcar Specific PowerPoint and video, customizable posters, brochures & press release template, RFA Fuel Ethanol: Guideline for Release Prevention & Impact Mitigation, Legal Notice, TRANSCAER® overview brochure, TRANSCAER® video’s, CHEMTREC® video’s, AAR Pamphlet 34, Association of American Railroads Loading and Unloading video, DOT Chart 15 and 2012 U.S. DOT ERG. Whew- that’s a great safety training program!

The “Complete Training Guide to Ethanol Emergency Response” has been distributed throughout the country and internationally and is largely viewed as the pinnacle of product safety information.

RFA is grateful to the Norfolk Southern and Canadian Pacific railroads for the industry support and specifically the financial support to provide these DVDs free of charge to emergency responders across the US. For more information on how RFA managed all these great safety training tools, please call 202.289.3835 or email RFA at safety@ethanolrfa.org.

RFA’s COMMITMENT TO EMERGENCY RESPONSE TRAINING

Safety will always be a priority for the Renewable Fuels Association (RFA). The RFA is the national trade association for America’s ethanol industry and founding member of the Ethanol Emergency Response Coalition (EERC). The RFA and EERC share a common mission: ensuring the safety of first responders, ethanol industry employees, and the communities in which ethanol is produced, transported, and used.

The ethanol use in gasoline has nearly doubled in just the last few years. Today, E10 (10% ethanol/90% gasoline) is the most common fuel found at retail stations. Nearly 14 billion gallons of ethanol flows across our country through railroads, highway cargo tank trucks, and barges. As America is nearing the 100 percent saturation point with E10 in our nation’s fuel supply, additional volumes of renewable fuels like ethanol are expected to increase each year to meet the goals of the Energy Independence and Security Act of 2007 and the Renewable Fuel Standard (RFS). Getting ethanol to the marketplace, transportation of ethanol by rail represents nearly 26% of the total hazardous material shipments. It is important to the RFA that the first responder community throughout the country is well prepared and trained for ethanol and ethanol blended fuel-related emergencies.

After the RFA and the EERC Committee created an ethanol training program called the “Complete Training Guide to Ethanol Emergency Response” in 2006, this training program was taken on the road (and rail!) In 2009, RFA received a Department of Energy grant to promote educational information on alternative fuels, like ethanol. As part of that grant, RFA held Ethanol Safety Seminars across the country with overwhelming success. Each safety seminar generated interest in hosting safety training in additional areas of the U.S. Due to the tremendous response and the list of requests received, RFA looked for new partnerships to continue ethanol training. RFA found this type of mutual interest with Class I railroads, emergency

management agencies, fire departments and others to continue to bring ethanol safety training across the country. Last summer, RFA received a grant from the Federal Railroad Administration to hold safety seminars in conjunction with short line railroads. To further spread this ethanol training, RFA has partnered with TRANSCAER® for a 2013/2014 Ethanol Training Tour which will be available for Regional and State TRANSCAER® to host ethanol safety training in all 5 of the TRANSCAER® regions.

RFA and TRANSCAER® 2013/2014 Ethanol Training Tour

Recognizing the continuing needs of first responders, the Renewable Fuels Association (RFA) & TRANSCAER® have partnered to bring ethanol safety training nationwide in 2013. The Ethanol Training Tour will take place in all five TRANSCAER® Regions in 2013-2014. The “Complete Training Guide to Ethanol Emergency Response”, the most accurate ethanol safety information, has recently been updated with the most current industry facts will be the star of the training tour.

The goal of this tour is for first responders to gain full ethanol emergency response training experience that they can put to use immediately in the field as well as pass along to other first response teams. The Ethanol Safety Seminar focuses on numerous important areas of ethanol safety including: industry update, ethanol and ethanol-blended fuels, chemical and physical characteristics of ethanol and hydrocarbon fuels, transportation and transfer of ethanol-blended fuels, storage and dispensing locations, firefighting foam principles and ethanol-blended fuel, health and safety considerations for ethanol-blended fuels emergencies and tank farm and bulk storage locations fire incidents. A copy of the Complete Training Guide will be given to each attendee free of charge!

This beneficial training package is the starting point for State Coordinators when planning a safety seminar in their region. For additional information, to request a copy of the DVD free of charge and general safety seminar destination locations, visit: www.EthanolResponse.com, www.rfa.traincaster.com, www.TRANSCAER.com/events.aspx, or contact Safety@EthanolRFA.org. ■



Glen Rudner provides an Ethanol Safety Seminar to a packed house of responders in Forsyth, GA.

Photo by Taryn Morgan, RFA.

2013 FRA Grant Awarded to TRANSCAER®/RFA



The Renewable Fuels Association (RFA) and TRANSCAER® were awarded a Federal Railroad grant to hold Ethanol Safety Seminars across the country in conjunction with short line railroads. These seminars are held in classroom style training which include: PowerPoints, videos, interaction and information exchange between the communities present, the instructor, and industry personnel, “Complete Training Guide to Ethanol Emergency Response” DVD and distribution of Certificates of Participation at the conclusion of each seminar. Each attendee will be given a copy of “Complete Training Guide to Ethanol Emergency Response” free of charge!

The RFA & TRANSCAER® have created partnerships with the following short line railroads to hold Ethanol Safety Seminars in the following locations:

Dates	Location	Host
July 8 & 9	Sacramento, CA	Central California Traction
July 10 & 11	Oakland, CA	Richmond Pacific Railroad
July 12 & 13	Modesto, CA	Modesto Empire Traction Company
July 15 & 16	Bakersfield, CA	San Joaquin Valley Railroad
July 17 & 18	Northern LA, CA	Fillmore & Western Railroad
July 19 & 20	Southern LA, CA	Pacific Harbor Line
July 22 & 23	San Diego, CA	S.D. & Imperial Valley Railroad

For more information on the above listed seminars go to www.TRANSCAER.com or www.EthanolResponse.com. To register these seminars go to www.rfa.traincaster.com.



present

a classroom training event emphasizing ethanol and ethanol blended fuels, chemical and physical characteristics of ethanol and hydrocarbon fuels, transportation of ethanol blended fuels, storage and dispensing locations, firefighting foam principles and ethanol, ethanol blended fuel emergencies, and incidents at tank farm and bulk storage locations.



THE

ETHANOL

TRAINING TOUR

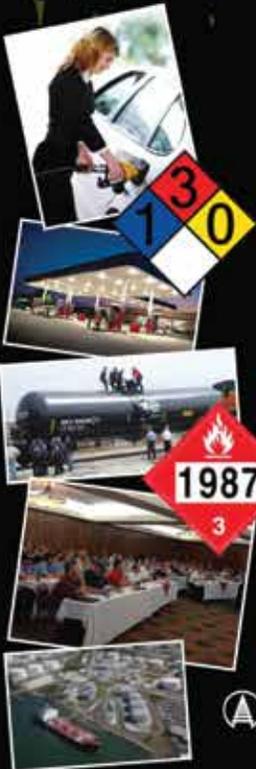


COMING TO A CITY NEAR YOU!

The Ethanol Training Tour is scheduled to roll out the beginning of 2013 which will include a DVD with the course materials along with customizable poster, brochure and press release.

Stay tuned

to www.transcaer.com or www.EthanolResponse.com
for additional information on the tour or
contact us at safety@ethanolrfa.org



Upcoming Events

Looking for TRANSCAER® Training? Here's a listing of some recent upcoming training events. For more details or to register, please visit:
<http://www.transcaer.com/events.aspx>

★ June 27-29, 2013

Dow Chemical TRANSCAER® Training Tour – 2013 North East Tour

Emergency preparedness training for local and regional emergency response organizations and personnel.

June 27, 2013 | 8:00AM to 3:00PM | Middlesex, New Jersey
 June 28, 2013 | 8:00AM to 3:00PM | Middlesex, New Jersey
 June 29, 2013 | 8:00AM to 3:00PM | Middlesex, New Jersey

★ July 8 & 9, 2013

Iowa Ethanol Transcaer Tour | Ethanol

8:30AM to 11:30AM, 1:00PM to 4:00PM or 6:00PM to 9:00PM
 July 8, 2013 | Marshalltown, Iowa
 July 9, 2013 | Marshalltown, Iowa

Ethanol Safety Seminar Ethanol Safety Emergency Response

July 8, 2013 | 9:00AM to 2:00PM | Sacramento, California
 July 9, 2013 | 9:00AM to 2:00PM | Sacramento, California

★ Wednesday, July 10, 2013

Ethanol Safety Seminar Ethanol Safety Emergency Response

9:00AM to 2:00PM | Oakland, California

★ Thursday, July 11, 2013

Dow Chemical TRANSCAER® Training Tour – 2013 North East Tour

Emergency preparedness training for local and regional emergency response organizations and personnel
 8:00AM to 3:00PM | Staten Island, New York

Ethanol Safety Seminar Ethanol Safety Emergency Response

9:00AM to 2:00PM | Oakland, California

★ Friday, July 12, 2013

Dow Chemical TRANSCAER® Training Tour – 2013 North East Tour

Emergency preparedness training for local and regional emergency response organizations and personnel
 8:00AM to 3:00PM | Staten Island, New York

Ethanol Safety Seminar Ethanol Safety Emergency Response

9:00AM to 2:00PM | Modesto, California

★ Saturday, July 13, 2013

Dow Chemical TRANSCAER® Training Tour – 2013 North East Tour

Emergency preparedness training for local and regional emergency response organizations and personnel
 8:00AM to 3:00PM - Staten Island, New York

Ethanol Safety Seminar Ethanol Safety Emergency Response

9:00AM to 2:00PM | Modesto, California

★ July 15 & 16, 2013

Ethanol Safety Seminar Ethanol Safety Emergency Response

July 15, 2013 | 9:00AM to 2:00PM | Bakersfield, California
 July 15, 2013 | 9:00AM to 2:00PM | Bakersfield, California

★ Wednesday, July 17, 2013

The Chlorine Institute Chlorine Emergency Response Training

Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response
 7:30AM to 3:30PM | Baton Rouge, Louisiana

★ July 17 & 18, 2013

Ethanol Safety Seminar Ethanol Safety Emergency Response

July 17, 2013 | 9:00AM to 2:00PM | Castaic, California
 July 18, 2013 | 9:00AM to 2:00PM | Castaic, California

★ July 19 & 20, 2013

Ethanol Safety Seminar Ethanol Safety Emergency Response

July 19, 2013 | 9:00AM to 2:00PM | Long Beach, California
 July 20, 2013 | 9:00AM to 2:00PM | Long Beach, California

★ July 22 & 23, 2013

Ethanol Safety Seminar Ethanol Safety Emergency Response

July 22, 2013 | 9:00AM to 2:00PM | San Diego, California
 July 23, 2013 | 9:00AM to 2:00PM | San Diego, California

★ Wednesday, July 31, 2013

The Chlorine Institute Chlorine Emergency Response Training

Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response
 7:30AM to 3:30PM | Minden, Louisiana

★ Wednesday, August 14, 2013

The Chlorine Institute Chlorine Emergency Response Training

Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response
 7:30AM to 3:30PM | San Antonio, Texas

★ Thursday, October 17, 2013

Hotzone Conference

Houston, TX
 Training for Responders by Responders

★ Thursday, November 07, 2013

Waco Transcaer Training Event

Cargo Tank and Rail Car
 8:00AM to 5:00PM - Waco, Texas

TRANSCAER® is coming to your neighborhood!

Arkansas Hazmat Weekend On Tap This Fall

THE ARKANSAS HAZMAT WEEKEND will be held September 20-21 in Little Rock, AR. The two-day event is hosted by the Arkansas Department of Emergency Management. Union Pacific Railroad will give a day long class on rail emergencies and locomotive response, both classroom and hands on training. There will be instructors from around the state providing a variety of training classes. For more information, contact Chip Heard, REM, Manager of Hazardous Materials, Union Pacific Railroad at caheard@up.com.



MARK IT!

✗ Little Rock, AR - September 20-21, 2013

FREE ONLINE TRAINING!

“Hydrogen Response Considerations”

This self-paced learning course on hydrogen awareness and emergency response focuses on four modules:

- Introduction to Hydrogen
- Hydrogen Properties and Hazardous Behaviors
- Identifying Hydrogen in Your Community
- Appropriate Response to a Hydrogen Incident

FREE CERTIFICATE OF COMPLETION

To register for this course, visit: www.responder-elc.org

» Click: Create New Account in the blue box, then select, the course from the Available Courses page.
(Approximately two hours of training for this program)

The Electronic Learning Community (ELC) was created to provide a flexible and inexpensive means for emergency first responders to receive high quality training. A major goal of this initiative is to create a training program that reaches the widest possible emergency response community. The ELC is open to everyone so that it can be accessed as a training resource for emergency first responders. This “Hydrogen Response Considerations” course has been developed as the first subject to pilot this ELC concept. The ELC hopes to expand its available content to include topics on additional alternative energy sources, emerging technologies, and other issues important to the emergency response community.

The ELC is made possible through a cooperative agreement between the International Association of Fire Chiefs (IAFC) and the Department of Transportation’s (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). Funding was provided by the DOT’s Research and Innovative Technology Administration (RITA).

National Hazardous Materials Fusion Center

Questions?

Please contact: Richard Miller
703-537-4846 • hazmatfusion@iafc.org



For more information on this project, please visit the IAFC at www.iafc.org

2013 FRA Grant Awarded to TRANSCAER® / The Chlorine Institute

THE CHLORINE INSTITUTE AND TRANSCAER® were awarded a Federal Railroad Administration grant to help support Chlorine Emergency Response Training across the country in conjunction with select short line railroads in 2013. The training program includes eight stops along short line railroads in Illinois, Indiana, New York/New Jersey, Louisiana and Texas. At each stop, industry experts provide a full-day program of instruction, including a classroom presentation on chlorine safety, and four hands-on field exercise workshops that cover emergency response protocols and leak mitigation techniques for chlorine tank cars, chlorine cylinders and chlorine ton containers. Each workshop participant has the opportunity to get up close and personal with a chlorine tank car and learn how to use the Chlorine Institute’s Emergency Kits A, B and C to stop leaks.

The target audience for this training includes short line railroads, the first responder community, and local, state and federal emergency management agencies. All participants receive a DVD containing the classroom and workshop presentations, plus additional emergency response videos and reference materials.

The Chlorine Institute & TRANSCAER® are partnering with the following short line railroads in the following locations to deliver this training in 2013:

Dates	Location	Host
June 27-29	Piscataway, NJ	Conrail Shared Asset Operations
July 11-13	Staten Island, NY	Conrail Shared Asset Operations
July 17	Baton Rouge, LA	Baton Rouge Southern Railroad (Watco)
July 31	Minden, LA	Louisiana Southern Railroad (Watco)
August 14	San Antonio, TX	San Antonio Central Railroad (Watco)
August TBD	Fernandina Beach, FL	First Coast Railroad (Genesee & Wyoming)

In addition, two Additional stops are being planned for the second half of August with members of the Genesee and Wyoming family of short line railroads in the Houston-Galveston and Corpus Christi areas. ■

For more information www.TRANSCAER.com

Online Registrations: <http://transcaer.com/events.aspx>



MARK IT!

- ✗ Piscataway, NJ - June 27-29
- ✗ Staten Island, NY - July 11-13, 2013
- ✗ Baton Rouge, LA - July 17, 2013
- ✗ Minden, LA - July 31, 2013
- ✗ San Antonio, TX - August 14, 2013
- ✗ Fernandina Beach, FL - August TBD, 2013

DON'T MISS:**TRANSCAER® Anhydrous Ammonia – Taming the Tiger in the Tank**

By David Binder, Tanner Industries, Inc.

IN 2013, TRANSCAER® continues to enhance and evolve the Taming The Tiger program series in regards to safely and effectively handling and responding to Anhydrous Ammonia. This series has been developed from the hugely successful Anhydrous Ammonia Training Tour which has received high marks and critical acclaim in regards to presentation content and quality of information. In 2012 the "T3" series, "Taming the Tiger in the Tank", focused on ammonia properties, health effects, transportation equipment and overall response decisions and considerations. This year the "T4" series has been released entitled Taming the Tiger in the Tank Tactics – Tactics and Response to Anhydrous Ammonia. This year's program is focusing more detail on the types of ammonia releases that can be encountered with various transportation containers during incidents, their true life cloud modeling, and looking at control and containment methods, both from an offensive and defensive stance. It includes the Top Ten Ammonia Response Reminders.

David Binder, Director of Quality, Safety and Regulatory Affairs, for Tanner Industries, Inc has been the lead trainer and presenter for the Taming The Tiger series. David also directs Tanner's Ammonia Safety and Emergency Response Training (ASERT™) program.

Taming the Tiger in the Tank Tactics (T4) is being presented at various national, state and local hazmat conferences throughout the country in 2013. The schedule includes the following:

- ★ **Continuing Challenge Conference**
September 5 • Sacramento, CA
- ★ **Louisiana State Hazmat**
Live release drills of anhydrous ammonia being added to the program
September 10, 11 and 12 • Baton Rouge, LA
- ★ **Alliance of Hazardous Materials Professional Conference**
September 18 • Orlando, FL
- ★ **Massachusetts Association of Hazardous Materials Technicians**
September 19/20 • Plymouth, MA

Other conferences are being considered for this informative and entertaining program during 2013. ■

MARK IT!

- X **Sacramento, CA** - September 5, 2013
- X **Baton Rouge, LA** - September 10-12, 2013
- X **Orlando, FL** - September 18, 2013
- X **Plymouth, MA** - September 19 & 20, 2013

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- ▶ Hands-on workshops and classroom instruction
- ▶ One-on-one training opportunities with emergency response professionals
- ▶ DVDs containing all presentations, plus additional videos and reference materials
- ▶ Complimentary lunch
- ▶ Certificates upon completion

Wednesday, July 17, 2013

Baton Rouge Southern Railroad
Brooklawn Yard
1818A Brooklawn Drive
Baton Rouge, LA 70807

Wednesday, July 31, 2013

Louisiana Southern Railroad
Minden Yard
125 KCS Drive
Minden, LA 71055

Wednesday, August 14, 2013

San Antonio Central Railroad
102 Dunton Street
San Antonio, TX 78226

- ▶ Each training session runs from 7:30 a.m. to 3:30 p.m.



TOPICS INCLUDE:

Chlorine Safety: An industry representative will discuss the physical and chemical properties of chlorine, transportation methods and containers, first aid, and health effects.

Chlorine Tank Cars and Emergency Response: Experienced professionals will describe the components of a chlorine rail car and understand how to properly use the DOT Emergency Response Guide (ERG). Students will use the 2012 ERG to determine proper information for various scenarios. A chlorine rail car will be available for students to inspect and view. An electronic copy of the 2012 DOT Emergency Response Guide will be provided on the disk provided to students.

A-Kit Workshop: An industry representative will review potential leak scenarios from chlorine cylinders and ways to mitigate the leaks including a demonstration of the proper installation of the Emergency Kit "A". Students will install the Emergency Kit "A" on a cylinder for training purposes.

B-Kit Workshop: An industry representative will review potential leak scenarios from chlorine ton containers and ways to mitigate the leaks including a demonstration of the proper installation of the Emergency Kit "B". Students will install the Emergency Kit "B" on a ton container training device.

C-Kit Workshop: An industry representative will review potential leak scenarios from chlorine rail tank cars and ways to mitigate the leaks including a demonstration of the proper installation of the Emergency Kit "C". Students will install the Emergency Kit "C" on a chlorine tank car training device, including the valve arrangements for a typical and next generation (dual valve system) assembly.

Participants should bring their own gloves, safety glasses and sturdy leather work boots with a defined heel.



CLICK *HERE* TO REGISTER:

▶ <http://www.transcaer.com/events>

Pre-Registration Strongly Recommended to Guarantee Your Spot!

HIGHLIGHT: CHLORINE

CI & TRANSCAER® Educates First Responders in OKC, Rain & Shine

By Robyn Brooks, The Chlorine Institute



Tim Lancelin, OxyVinyls; Clay Reid, BNSF Railway; Henry Ward, The Chlorine Institute; Pat Brady, BNSF Railway; and Jon Hall, Federal Aviation Administration Emergency Management, TRANSCAER® State Coordinator for Oklahoma. Group photo by Donna L. Lepik, TRANSCAER®/CHEMTREC®

THE CHLORINE INSTITUTE (CI) member companies and rail partners came together on March 20-21 outside Oklahoma City in Midwest City to train first responders during the first TRANSCAER® Chlorine Emergency Response training event of 2013. Nearly 100 first responders came to learn about how to respond to chlorine emergencies, what typical chlorine, caustic, and hydrochloric acid valve arrangements look like, and rail safety. Participants learned about the mission and resources of the Institute, and learned how to activate the CHLOREP mutual aid network and received a free copy of CI's DVD, "Chlorine Emergencies: An Overview for First Responders."

It was the first TRANSCAER® event in recent memory where weather has been an issue. The first day was cold and windy and the heated classroom training cars, provided by the Firefighters Education and Training Foundation, quickly became a favorite spot to warm up!

Shortly before lunch on the second day, rain forced the training team to alter the schedule, including serving lunch early and moving multiple stations under the large lunch tent. Without missing a beat, the team of trainers



Mike Croke of JCI Jones Chemicals demonstrates chlorine kit in Midwest City, OK. Photo by Andy Johnson, IMedDesign.

rearranged their plans, moved equipment, and did what was necessary to insure that every student was able to receive the full day's training. It must have worked well, considering a few firefighters were asking for more training as the day wrapped up!

Special thanks to Tim Lancelin, CI's chair of the OK Task Group for TRANSCAER®, the Oxy "Strike Team" for all their logistical help, the three major chlorine emergency response contractors (SRS, UPS and USES) and their "can-do" attitude, and all the trainers. This could not have been done without all of you. ■

Chlorine Institute Members Filmed for The Chlorine Tour

By Robyn Brooks, The Chlorine Institute

Photos by Robyn Reneé Brooks, The Chlorine Institute



Clockwise from top right: Dan Thompson (of Occidental Chemical) gives the "Chlorine Properties" to local first responders who volunteered to be extras for the day; Randy Rowe (of ERCO Worldwide), with help from Bobby Souder (of SRS) demonstrates how to apply the "C" kit on a typical valve arrangement; Mike Croke (of JCI Jones Chemical) and an assistant from Occidental Chemical demonstrate how to apply the B kit; Clay Reid (of BNSF) describes hazards that first responders should keep in mind when approaching an emergency situation on the rails.

IMAGINE IF THE CHLORINE INSTITUTE COULD stage dozens of TRANSCAER® events every year. Hundreds of first responders could be trained in emergency response and awareness raised on the CHLOREP

BNSF Hosts Oklahoma City Emergency Responders For Hazmat Training

Courtesy of BNSF Today

BNSF ON MARCH 20-21 hosted more than 80 firefighters and emergency responders for hazardous materials training at BNSF's Oklahoma City rail yard.

The training sessions focused on preparing area fire departments, emergency responders and industry responders on how to more safely and effectively manage hazardous materials emergencies.

"Our environmental team has a strong commitment to training local responders on hazmat awareness and emergency response," said John Lovenburg, vice president, Environmental. "We want to ensure that we can work with communities and respond quickly in the unlikely event that a hazmat emergency occurs."

According to Clay Reid, manager, Hazmat Field Operations, "If an emergency occurs, these emergency responders are the first on the scene. Every presentation

at this training helped the participants prepare to safely respond to emergencies."

Ed Cravens, director of Emergency Management, McClain County, Okla., attended to gain first-hand emergency response experience. "This training is important because it's more realistic than trying to learn the same information in a classroom. . . . You actually need to see the valves, see the cars, to know what the labels are."

Maj. Clint Greenwood of the Oklahoma City Fire Department Hazardous Materials team said he and other team members appreciated being able to take advantage of free training without having to leave town. "The contact we've been able to make will come in useful in the future," Greenwood said. "So we're already further ahead in our relationships than we were before."

The event was sponsored by The Chlorine Institute

emergency response mutual-aid network. The Chlorine Tour is going to make that possible. The Chlorine Tour is different from typical TRANSCAER® events in that it is designed to allow local trainers to train responders in their own communities.

On March 18th and 19th, CI members & TRANSCAER® trainers Dan Thompson, Randy Rowe, Mike Croke, Manny Correia, Clay Reid, Terry Rockwell, Allen "Higg" Higginbotham, and Tracy Clark were video recorded giving their presentations. These recordings will be broken into four modules: Chlorine Properties and Emergency Response; Chlorine Tank Car and Rail Safety; Emergency Kits A and B; and Emergency Kit C. The presentation recordings, along with the PowerPoint presentations themselves, and presenter notes will serve both as the "Train the Trainer" materials and student handouts.

The Chlorine Tour is tentatively slated to begin at the Continuing Challenge Conference in September of this year in Sacramento, California. The task group from the Chlorine Institute is currently working with their videographer to finalize the video production and student materials. A special thanks to all the presenters! You can find out more information on The Chlorine Tour by visiting the TRANSCAER® web site (www.transcaer.com) or contacting Henry Ward at hward@cl2.com. ■

For more information on BNSF and its transportation solutions, visit the BNSF Web site at www.bnsf.com

and TRANSCAER®. The training consisted of hands-on and classroom activities, including one-on-one training with emergency response professionals. BNSF also provided instruction on the requirements for safe transportation of hazardous materials by rail.

Incidents related to hazardous materials are extremely rare at BNSF, and BNSF is committed to providing hazardous materials training to employees and communities in the unlikely event an incident occurs. In 2012 alone, BNSF's environmental and hazardous materials teams trained approximately 4,400 public emergency responders in communities across our network. In addition, BNSF has a team of approximately 200 emergency responders from a variety of backgrounds, including environmental, safety and mechanical, as well as a network of contractors who are prepared to respond in an emergency. ■

Dow TRANSCAER® Training Tour 2013 Southern Crescent Tour - Louisiana, Mississippi, Alabama & West Virginia

By Amy Rezmer, The Dow Chemical Company Photos by Robert Cazes, The Dow Chemical Company



TRANSCAER® Training Tour stop - Birmingham, AL. Tour co-sponsored by The Dow Chemical Company and Norfolk Southern Railroad.

190 PARTICIPANTS took part in The Dow Chemical Company, Norfolk Southern Railroad and the Firefighter Education and Training Foundation sponsored TRANSCAER® (Transportation Community Awareness and Emergency Response) Training Tour sessions held in Louisiana, Mississippi, Alabama and West Virginia April 15 – May 11, 2013. Tour stops included Slidell, LA (April 15-16); Hattiesburg, MS (April 18-19); McCalla, AL (April 22-23); Birmingham, AL (April 25-26); and Charleston, WV (May 11). CHEMTREC® and many local supporting agencies also helped to provide these training sessions.

A model-based training curriculum was designed to meet the needs of various stakeholder groups and is free to all participants. The modules include: General Awareness; Locomotives and Tank Cars; Toxic Inhalation Hazard Materials and Flammable Gases; Capping Kits; Leaks Approach, Investigation and Mitigation; and Tank Truck Course.

Efforts such as The Southern Crescent tour are part of Dow's long-term sustainability commitment to provide improved community awareness and preparedness along chemical transportation routes, in coordination with national, regional and state TRANSCAER® programs.

As a result of the Company's commitment to safety and security, Dow has earned the 2012 TRANSCAER® National Achievement Award for extraordinary support of the TRANSCAER® principles.

Norfolk Southern also provided training on Responding to Railroad Emergencies to 40 first responders in Batesburg-Leesville, SC in May. ■



TRANSCAER® Training Tour stop – McCalla, AL – Capping Kits Module.



TRANSCAER® Training Tour stop - Birmingham, AL-- Capping Kits and Leaks Approach, Investigation and Mitigation Modules.

Responders Brave Rough Weather for TRANSCAER® Ethanol Training Stop in Cedar Rapids

By Craig Johnson, Union Pacific Railroad &
Mike Ball, Canadian Pacific Railroad

Photo by Craig Johnson, Union Pacific Railroad



THE IOWA ETHANOL TRANSCAER® TOUR started in May 2013 with Stops at Nora Springs and Cedar Rapids Iowa. These first two events attracted over 125 participants from local and regional Fire, EMS, Law Enforcement and Hazardous Material Teams.

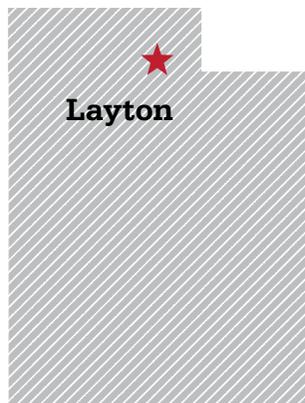
The training ranged from ethanol chemistry to hands on practical application on railroad tank car securement. The participants were also schooled on the properties of ethanol and the response and firefighting techniques used to control the any type of fire involving this flammable liquid.

Craig Johnson, General Director - CTS at Union Pacific Railroad and the Iowa State TRANSCAER® coordinator worked with Wayne Swindall of the Crandic Railroad and Mike Cheney of Cedar Rapids Fire Department to prepare the site and equipment for use in the training.

In addition, Archer Daniels Midland loaned the use of a 111A tank car that participants were able to become familiar with for rail safety aspects. Instructors for the Cedar Rapids portion of the Iowa tour included Mike Ball from Canadian Pacific Railway, John Spealman from United Specialty Services and Bobby Breed from Specialized Response Solutions. ■

TRANSCAER® Well Received at Utah Governors Public Safety Summit

By Dave Buccolo, Central California Traction Company
& TRANSCAER® Region 4 Coordinator



DAVE BUCCOLO, Western Region IV TRANSCAER® Coordinator and Dana Pompetti, Union Pacific Railroad Manager of Hazardous Materials from Salt Lake City traveled to Layton Utah on May 7-8 to present three classes to a total of 210 attendees during the Utah Governors Public Safety Summit.

Each class provided students the opportunity to learn about TRANSCAER® and its mission. The classes also featured training on Railroad Emergency Response for the First Responder, Ethanol Safety & Response and Anhydrous Ammonia.

Union Pacific also had their training trailer on-site for participants to get up-close and personal with some hands-on training and for attendees to experience tank car equipment first-hand.

This year's debut summit attracted more than 500 attendees from Utah and surrounding states during the two day event. The organizers have invited TRANSCAER® to participate during the 2013 Summit which will be held in May 20-21 in St. George, Utah.

This outreach event was a great opportunity for TRANSCAER® to showcase its training program to responders from Utah and the surrounding areas.

A big Thank You to UP's Dana Pompetti and Ben Salo for the use of the UP training trailer and for the Staff of Utah's Office of Public Safety for hosting an amazing first-ever Public Safety Summit. ■



Kyle Ogle of Norfolk Southern provides locomotive 101 to members of the Asheville Fire Department who were participating in TRANSCAER® training April 3-5 at the Norfolk Southern Rail Yard in Asheville, NC.

Norfolk Southern Railway Company (NS) and PotashCorp Partner on Anhydrous Ammonia Training in NC

By Abby Moore, Asheville Fire Department & Co-State Coordinator for TRANSCAER® in North Carolina

Photo by: Lewis Garrison

NORFOLK SOUTHERN RAILWAY COMPANY (NS) AND POTASH CORPORATION partnered to provide TRANSCAER® Anhydrous Ammonia training to emergency responders in Asheville, NC area from April 3-5.

The training was offered to the Asheville Fire Department and team members from the North Carolina Association of Hazardous Material Responders, a State-wide organization that assist of training for all Hazardous Material Response departments.

The training was provided in four-hour blocks consisting of classroom training, and hands-on Anhydrous Ammonia rail car and locomotive training.

Paul Williams and Kyle Ogle from NS and Virgil Fowler from the PotashCorp gave in-depth training perspective from the industry view, which assist in understanding on how teambuilding can occur in times of an emergency.

In addition to training that was provided on-site, each participant received a copy of the TRANSCAER® Anhydrous Ammonia Training to assist in departmental wide training. ■

Wheeling and Lake Erie Railway Hosts TRANSCAER® Ethanol Tour in Akron & Canton

By John Vergis, Wheeling & Lake Erie Railway



Glen Rudner trains students about response to ethanol in Ohio this past spring. Photo by John Vergis, Wheeling Lake Erie

ON APRIL 24 THE AMERICAN RED CROSS in downtown Akron, OH played host to an Ethanol Training event featuring Glen Rudner of the Ethanol Emergency Response Coalition. This event was sponsored by the Wheeling and Lake Erie Railway out of Brewster, Ohio through TRANSCAER® after receiving a grant from the Federal Railroad Administration.

A total of 62 people from many different organizations including: fire services, police departments, Hazmat Teams, private industry, and the Ohio EPA. There were many positive comments expressed by folks on their way out after class.

Akron was the stage for the debut of the new material developed for the Ethanol Training Class. Glen as always did a spectacular job presenting the material.

The next day, Wheeling and Lake Erie took the show south to Canton to the Canton Township Fire Department Training Center where 59 students from local Fire Departments and members of Hazmat Teams, local government and private industry learned about Ethanol.

This curriculum has proven to be very beneficial to all folks who may have to come in contact with Ethanol. Stark and Summit counties, of which these cities are located in, have large volumes of Ethanol being transported through these communities. The folks who attended were very thankful for everyone who made this class possible. Each student took additional training materials home to use as refresher training.

Wheeling and Lake Erie would like to thank TRANSCAER® for their part in making this event such a success. And a big thanks to Missy Ruff at the Renewable Fuels Association for her work to promote this event for handling the registrations. A HUGE THANKS goes to Glen Rudner who did a fantastic job teaching and then answering all questions thrown at him. Glen is definitely the subject matter expert on Ethanol and does justice to the first responder community by taking time to travel and present this material nationwide. Wheeling & Lake Erie look forward to hosting this class again in the future. ■

Airgas. 
ACE PROGRAM

Airgas Container Emergencies Program

Airgas, the largest U.S. distributor of industrial, medical and specialty gases welcomes employees and responders to this dedicated training site to promote safe emergency response practices while protecting the environment and communities.



Airgas Container Emergencies Program

ACE Program is designed to aid emergency responders in recognizing, identifying and understanding the basic components of cylinders, containers and cargo tank trucks used to transport Airgas chemicals.

It addresses objectives for non-bulk and bulk containers used in the NFPA 472 Standard – Professional Competencies For Responders To Hazardous Materials and WMD incidents.

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TRANSCAER® Sponsors Over-the-Road Cargo Tank Truck Emergency Response Training in Mira Loma, CA

By Dan Coats, TCR Industries, TRANSCAER® State Coordinator for California



From the top: Experienced driver/trainers taught on equipment that they use daily; Registrants were provided with extensive technical resources (handouts, videos, etc) free of charge; Responders observing the loading/unloading valves and fittings of cargo tanks.

Photos by Dan Coats of TCR Industries, Inc.

TRANSCAER® SPONSORED A TWO-DAY OVER-THE-ROAD CARGO TANK TRUCK EMERGENCY RESPONSE TRAINING

at the Union Pacific Railroad (UPRR) automobile loading facility in Mira Loma, CA on December 5 & 6, 2012.

This event was coordinated by the TRANSCAER® State Coordinator for California, Robert Bavier of the Union Pacific Railroad. Substantial support was provided by six cargo tank carriers, TRANSCAER® Region 4 Coordinator Dave Buccolo, the management and staff at the UPRR facility, and Jack Whitley who represented the U.S. Department of Transportation/PHMSA.

The UPRR facility provided a safe and secure space large enough to accommodate the cargo tanks plus parking for the attendees. Security is a key component when choosing a location for cargo tank trucks in order to avoid the equipment from being vandalized when left overnight. Facility personnel went above and beyond the call of duty to accommodate the delivery and removal of the training trailers along with the 50 to 60 attendee vehicles.

Cargo tanks and instructors were taken out of service for two days and donated by:

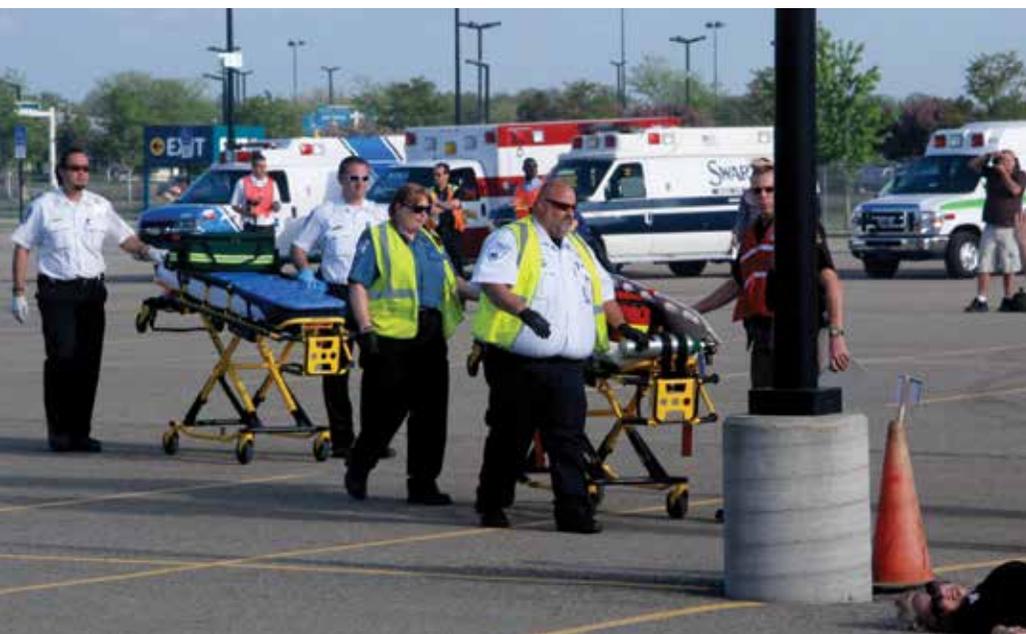
- **Air Liquide** – DOT 338 cryogenic tank (non flammable gas)
- **AmeriGas** – DOT 331 Propane tank truck (flammable gas)
- **The Keenan Advantage Group** – DOT 406 Flammable Liquid tank
- **NRC Environmental** – Vacuum truck (hazardous waste, etc)
- **Trimac** – DOT 412 Corrosive Liquid tank
- **Ventura Transfer** – Intermodal bulk container

Participants were divided into seven small groups in a “shotgun” start (one group on each trailer and one group in the classroom). Each group rotated to the next cargo tank or classroom every 30 minutes.

The instructors discussed the type of hazmat that is transported in the trailer they were presenting, the dangers of the cargo typically transported and what the emergency response should be if such a unit were involved in an incident (whether or not to apply water, foam, evacuate to a certain distance, etc.). They also discussed valve systems and emergency shut off; as well as comparing to other types of similar tanks; including non-hazardous units. All instruction was conducted from the ground and responders were in regular turn out gear (no hazmat suits, no climbing on equipment, etc).

The classroom portion was comprised of two video presentations: One on CHEMTREC® and the other on TRANSCAER®.

The total training time for each session was four hours, repeated four times over the two days. Most attendees were hazmat specialists and the training was also made available to private businesses such as emergency spill response/clean up companies. Approximately 100 emergency responders representing 12 separate city, county and state agencies participated in the training. ■



Main Photo: CN DG Group assists responders with product information for a rail car that was struck by an airplane during a disaster drill, CN Yard, Flint, MI; Top Left: Fire Department suppress product vapors from rail car that was struck by an airplane during a disaster drill, CN Yard, Flint, MI. Above: Bishop International Airport Fire Department responds to airplane incident during a disaster drill adjacent to CN Yard, Flint, MI; Lower Left: Need Multiple Genesee County EMS Agencies responding to mass casualty disaster drill exercise; Lower right: Genesee County hazmat team members attempt to secure a rail car that was struck by an airplane during a disaster drill, CN Yard, Flint, MI. Photo credits: Greg Palmer, John Junga

PHOTO STORY

Bishop International Airport Mock Drill - Flint, MI

A big thanks to the DOW Chemical Team for assisting onsite Haz-Mat personnel along with representation in the EOC while assisting responders with research of the commodities that were involved in the incident.





HazCom 2012: helping to make the world smaller for first responders

OSHA's Adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Bernadette Lindquist, PhD, DABT, Ashland Inc.

Keith Silverman, PhD, MPH, Ashland Inc. and National TRANSCAER® Task Group Member

THE UNITED NATIONS (UN) has long recognized that a common approach for classifying and communicating chemical hazards would serve as the foundation for effective national chemical hazard communication programs across the globe. Thus, an international effort to develop a harmonized system for the classification and labeling of chemicals was undertaken by the UN in 1992. Use of the system, commonly referred to as the "GHS," will minimize differences, not only in the way chemicals are classified around the globe, but also in the way that hazards of chemicals are communicated. It is the ultimate goal of the UN that use of a consistent and easily understandable hazard communication scheme will enhance protection of human health and the environment.

In 2002, a UN committee of experts approved the first version of the GHS (the "Purple Book") and the GHS has been available for implementation since 2003. The GHS is revised every two years with the fifth revised edition to be released in 2013.

OSHA recently implemented the third revised edition of the GHS in 2012 in its revision of the Hazard Communication Standard, now known as "HazCom 2012." The basic scope and application of the OSHA Hazard Communication Standard has not changed under HazCom 2012. Chemical manufacturers are still required to evaluate the chemical hazards of

chemicals they produce and to relay such information to customers in the form of safety data sheets (SDS) (formerly known as MSDS) and labels. Employers with hazardous chemicals in their workplaces must still have SDS and labels for their exposed workers, and must ensure that workers are trained on handling these chemicals appropriately. HazCom 2012 adds specific criteria for chemical classification, requires prescriptive elements for chemical labels, specifies a 16-section SDS, and requires worker training on these new hazard communication elements.

Hazcom 2012 will be phased in over the next few years, with full compliance scheduled for 2016. The requirement for training employees on the new label elements and on the changes to the SDS format is December 1, 2013. Emergency response organizations will benefit from early training of first responders since the new HazCom 2012 SDS and labels can already be found in the workplace. ■



Drums labeled using the new GHS label format.



Exclamation Mark



Health Hazard

Examples of pictograms found on the new GHS SDS and labels.

For a more detailed explanation of HazCom 2012 and GHS [*please click here.*](#)

SUBJECT: Non-Accident Release (NAR) Reduction Task Force Announcements

TO: Rail Industry Hazardous Materials Transportation Professionals

The Association of American Railroads (AAR) is pleased to announce the new Non-Accident Release (NAR) Reduction Program website (<http://www.nar.aar.com>) and the new Rail Industry NAR Reduction Contact Network, which is available via the NAR Reduction Program website.

The purpose behind this announcement is to notify the rail industry of available resources in an effort to reduce the number of NARs. A general discussion of NARs, how they impact the rail industry, and the mission of the NAR Reduction Task Force is also provided.

What is a NAR?

A NAR is the unintentional release of a hazardous material while in transportation, including loading and unloading, and not involving an accident. NARs consist of leaks, splashes, and other releases from improperly secured or defective valves, fittings, and tank shells, and also include venting of non-atmospheric gases from safety relief devices.

The Impact NARs have on the Rail Industry:

NARs represent a significant problem to the rail industry, compelling the expenditure of immense time and resources in their mitigation. From 2005 to 2010, there was a reduction in the rate of NARs of 13.5%, but there were still 676 NARs from tank cars in the U.S. and Canada in 2010.

The Mission of the NAR Reduction Task Force:

The NAR Reduction Task Force was formed in 1996 to identify the various causes of NARs and to encourage corrective actions to prevent their recurrence. This Task Force reports directly to the AAR Hazardous Materials (BOE) Committee and communicates its progress on NAR reduction efforts twice a year at the AAR Tank Car Committee meetings. Great progress has been made in NAR reduction since 1996, but NARs and their safety implications and costs persist in the rail industry.

Through its efforts, collectively known as the NAR Reduction Program, the NAR Reduction Task



ASSOCIATION OF AMERICAN RAILROADS



Force has recognized the need to promote the Program, deliver resources efficiently, and provide an opportunity for improved communications toward NAR reduction. The NAR Reduction Task Force thus announces the new NAR Reduction Program website (<http://www.nar.aar.com>) and the new Rail Industry NAR Reduction Contact Network, available via the NAR Reduction Program website.

What does the NAR Reduction Program Website provide?

The new NAR Reduction Program website represents a collaborative effort to promote information about the NAR Reduction Program and deliver its resources in a more streamlined, user-friendly manner. New opportunities for industry participation are also offered. Some website features still require improvement and/or implementation, but the decision was made to release the new website sooner rather than later, so that the rail industry could begin benefitting from efforts completed to date. The website is expected to be fully functional before the end of 2012.

What is the purpose of the new Rail Industry NAR Reduction Contact Network?

The purpose of the new Rail Industry NAR Reduction Contact Network is to facilitate improved communications with the goal of reducing NARs within the rail industry.

Use of the Contact Network is not meant to replace existing initial emergency notification protocols, but is intended to foster better communications among industry personnel who can readily work toward NAR reduction, especially rail carrier hazardous materials teams and shipper rail managers/coordinators. The Contact Network provides the ability to search on information provided

by listed contacts (i.e. first name, last name, company name, etc.)

AAR encourages Rail Carriers, Shippers, Railcar Builders, Railcar Component Suppliers, Railcar Owners/Lessors, the Bureau of Explosives, the Federal Railroad Administration, Transport Canada, the Railway Association of Canada, the Secretaría de Comunicaciones y Transportes, and others involved in the NAR Reduction Program to have appropriate personnel join the Contact Network.

How to Join the Rail Industry NAR Reduction Contact Network?

To create an account, just click on the "Contact Network" link provided on the upper right hand side of the NAR Reduction Program website. A webpage will appear outlining the terms and conditions of the Contact Network. To continue, select the "I Accept the Terms and Conditions" button at the bottom center of the webpage. Next select the "Add My Contact Information" link at the upper left hand side of the webpage. A user must submit specific contact information and a password. The Contact Network will subsequently send the user an email containing an account activation link, which must be clicked to add the user to the Contact Network. A 6-month automatic email notification cycle will thus be established to maintain current contact information. The user can update his/her contact information anytime thereafter, thereby resetting the 6-month automatic email notification cycle.

How to Obtain Further Information?

Contact Sam Chapman at AAR's Transportation Technology Center, Inc. (TTCI) with any questions: (719) 584-0749 or Sam_Chapman@aar.com. ■

U.S. DOT/PHMSA Hot Links

DOT Launches Free App Featuring Emergency Response Guidebook

THE U.S. DEPARTMENT OF TRANSPORTATION'S Pipeline and Hazardous Materials Safety Administration (PHMSA) today announced a free, mobile web app of its Emergency Response Guidebook 2012 (ERG). The new safety tool will provide the nation's emergency responders with fast, easily accessible information to help them manage hazardous material incidents.

The mobile ERG will make it easier for firefighters, police and other emergency first responders to quickly locate the information they need, thanks to an electronic word search function, and will ensure easy reading even during nighttime emergencies. The 2012 version of the ERG includes new evacuation tables for large toxic gas spills and standard response procedures for gas and liquid pipeline incidents.

PHMSA and the U.S. Department of Health and Human Services' National Library of Medicine (NLM) joined forces in producing the two free ERG mobile applications. Links to download this software are available from the Apple iTunes website at [ERG 2012 for iPhone](#) and from the Google Play website at [ERG 2012 for Android](#). In addition, a version of the ERG is available in NLM's Wireless Information System for Emergency Responders (WISER) application. An instructional video for learning how to use the ERG2012 is also available on PHMSA's website.

Emergency Response Guide (ERG) Training Sessions

In an effort to ensure to ensure emergency responders are familiar with the 2012 Emergency Response Guidebook, PHMSA's [Hazardous Materials Safety Assistance Team](#) (HMSAT) has scheduled more than 20 free ERG training sessions at various locations across the country. The schedule of upcoming presentations is available [here](#).

HMSAT representatives in from PHMSA's regional



offices provide guidance and support related to hazardous materials transportation to hazmat shippers, carriers and emergency response/public safety officials. The HMSAT regional representatives can also schedule training at a time and location convenient for your department. The list of PHMSA regional offices can be found by going here: <http://www.phmsa.dot.gov/about/org>

2012 Federal Pipeline Safety Regulations Available Online

The 2012 Federal Pipeline Safety Regulations (49 CFR Parts 190-199) are available online. These regulations are extensive and technical; however, the following sections will be of interest to state and local emergency response and emergency management officials, since they specifically address requirements associated with community awareness, emergency response plans, training, communications and other requirements:

- Gas pipelines** - Part 192.615 and 192.616
- LNG Facilities** — Part 193.2509
- Oil pipelines** — Part 194.101
- Hazardous Liquid** - Part 195.402 and 195.403 (refined petroleum, etc.)

If you have pipelines in your community, you may want to review these sections as they specify the



activities pipeline operations should be engaging with state and local public safety, emergency management and other officials. ■

49 CFR Parts 190 - 199
<http://www.gpo.gov/fdsys/pkg/CFR-2012-title49-vol3/pdf/CFR-2012-title49-vol3-subtitleB-chap1-subchapD.pdf>

Additional information is available on the PHMSA website: <http://www.phmsa.dot.gov/>

NEWS RELEASE

2013 NASTTPO Annual Conference



Pictured from left to right: Newly elected board members include: Ken Rost (CO) Vice President, Tonya Ngotel (NE) President, Karen Eagleson (MO) Secretary, and Mark Howard (AZ) Treasurer. Photo by Donna L. Lepik, TRANSCAER®/CHEMTREC®

THE ANNUAL CONFERENCE of the National Association of SARA Title III Program Officials (NASTTPO) was held in Colorado April 15-18, 2013. The mission of NASTTPO is to protect and promote the health, welfare and safety of the citizens while maintaining the Emergency Planning and Community Right to Know Act (EPCRA). This shall be accomplished through active participation in all emergency and environmental management and homeland security efforts of our states, tribes and local governments to protect human life and the environment from the consequences of transportation and fixed facility chemical accidents through accident prevention and awareness efforts; to promote the effective and efficient use of resources to respond to and plan for incidents involving hazardous chemicals; and to promote community right-to-know.

The conference provided updated information from EPA, PHMSA, and presentations on Global Harmonization, TRANSCAER®, Alternative Fuels, Chemical Safety Board (CSB) and the legal roles and responsibilities of LEPCs.

States represented at year's conference were; Hawaii, Texas, Oklahoma, Mississippi, Colorado, Alabama, Vermont, North Carolina, New Jersey, New

Mexico (Tribal), Delaware, Missouri, Nevada, Michigan, Alaska, Ohio, Louisiana, New Hampshire, Iowa, Arizona, Oregon, Maryland, Wisconsin, Kansas, Nebraska, and Utah. The following territories were present: CNMI, Virgin Islands, and American Samoa.

Other Board members are;
 Region I Rep. — Christopher Herrick (VT)
 Region II Rep. — Michael McIntyre (NJ)
 Region III Rep. — Dave Irwin (DE)
 Region IV Rep. — Paul Wotherspoon (FL)
 Region V Rep. — Dave Crose (IN)
 Region VI Rep. — Bernardine Zimmerman (TX)
 Region VII Rep. — Lisa Sexton (IA)
 Region VIII Rep. — Pat Williams (CO)
 Region IX Rep. — Richard Brenner (NV)
 Region X Rep. — Sue Otjen
 Tribal Rep. — Ken Tiller, Pueblo of Lauguna
 Tribal Rep. — Joshua Allen (Intertribal Council of AZ)

Past Presidents: Tim Gablehouse (CO), Monty Elder (OK), Gerry Goudreau (MA), Dan Roe (AZ), Dave Crose (IN), Dawn Warren (MO)

NASTTPO will team up with HOTZONE in October of 2013. To find out more visit our website at www.nasttpo.com. ■

National TRANSCAER® Task Group Member Obligations

National TRANSCAER® Task Group Members agree to the following:

- ★ *Members must attend NTTG meetings, which are held a minimum of four times a year. Substituting an alternate is discouraged and should be used only for imperative absences with advance notice to the Chair and Staff Executive. A member absent from three consecutive meetings, regardless of coverage by an alternate, may be asked to resign from the NTTG. Meetings may be held by teleconference if determined appropriate by the Chair and the Staff Executive.*
- ★ *Each member of the NTTG is a working member, and is expected to take a leadership role in NTTG activities. Members are expected to have their employer's support for time necessary to carry out NTTG responsibilities.*
- ★ *Among other duties, NTTG members are expected to assist in recruitment of new TRANSCAER® Sponsors.*
- ★ *Members who solicit funding for a TRANSCAER® event or activity must obtain prior written approval from the National TRANSCAER® Task Group Executive Committee.*

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3	1	Gaging Device/1" Angle Valve Cover	Steel	240-3-CS
4	1	Small Pressure Relief Valve Cover	Steel	240-4-CS
5	1	Sample Valve Cover & Beam Assembly	Alum./Steel	240-5-XL
6	1	Cross Arm Channel Assembly	Alum.	240-6-AL
7	1	Screw & Block Assembly	Steel	240-7-CS
8	4	Tie Bar	Alum.	240-8-AL
9	8	Tie Bar Pin 5/8"	Steel	240-9-CS
10	1	Thin Tie Bar	Alum.	240-10-AL
11	1	Tie Bar Pin 7/16"	Steel	240-11-CS
12	2	Porthole Bracket	Steel	240-12-CS
13	1	Tool Kit		
14	1	Flexible Hose	Steel	240-19S-XS
15	1	2" Ball Valve	Steel	
16	1	3/4" Needle Valve	Stainless	A-256-SS
17	1	Jack Plate	Steel	243-49-CS
18	4	Jack Screw	Steel	243-491-CS

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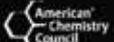
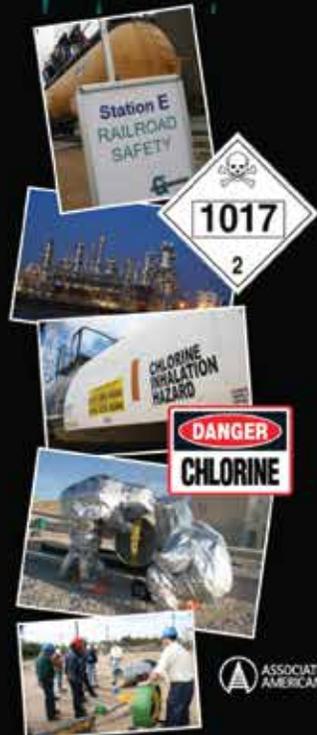
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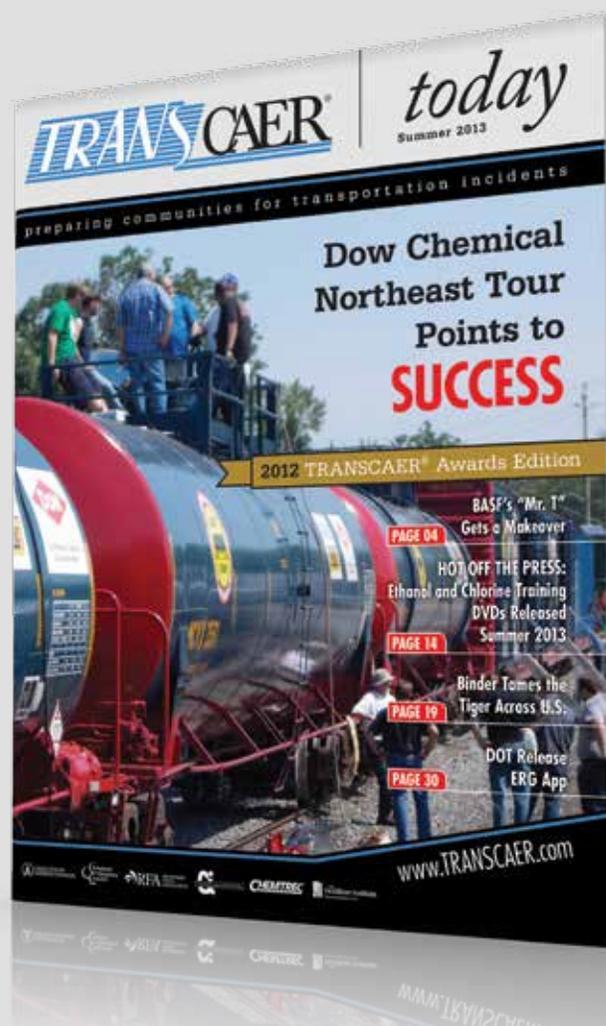
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