

preparing communities for transportation incidents

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ANHYDROUS AMMONIA INHALATION HAZARD



1005

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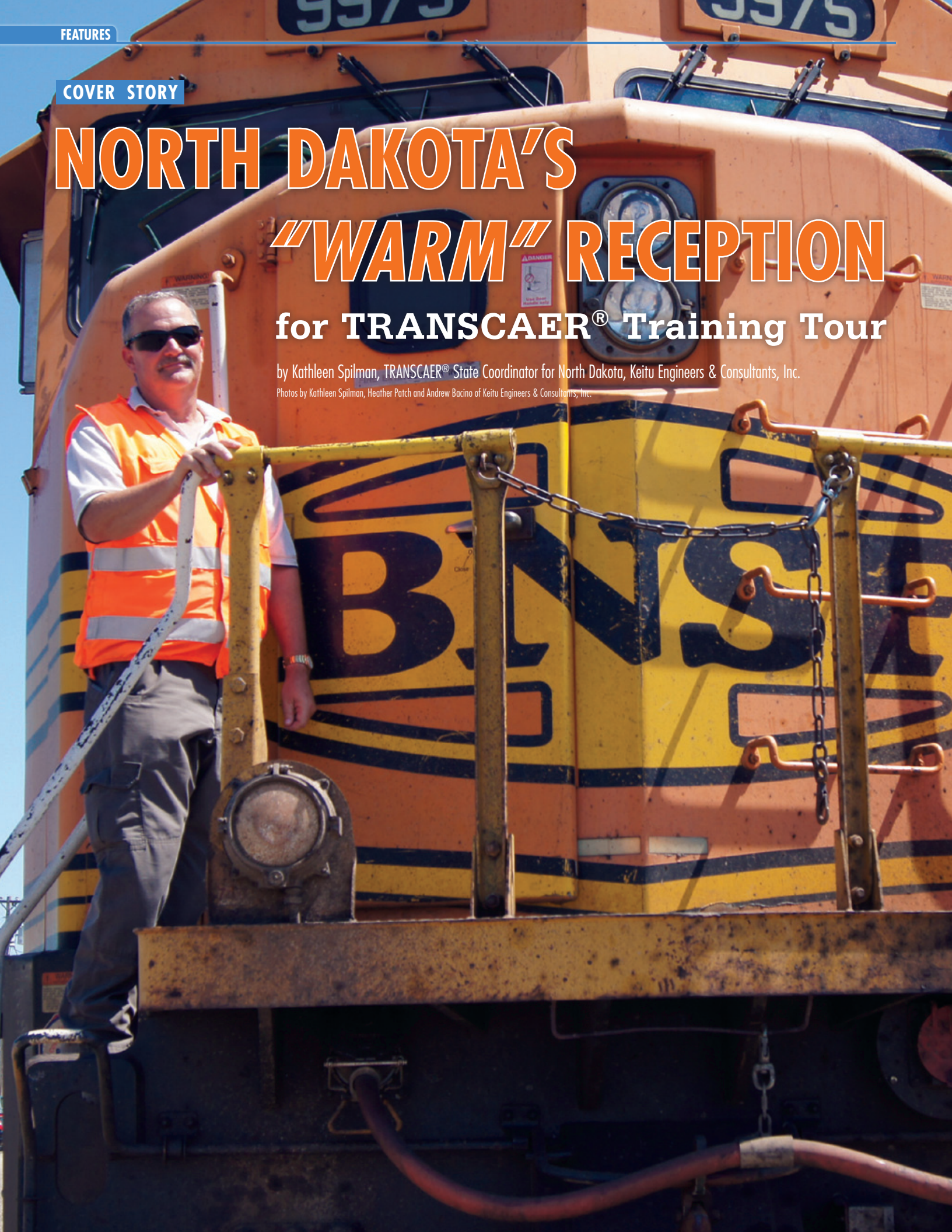
COVER STORY

NORTH DAKOTA'S "WARM" RECEPTION

for TRANSCAER® Training Tour

by Kathleen Spilman, TRANSCAER® State Coordinator for North Dakota, Keitu Engineers & Consultants, Inc.

Photos by Kathleen Spilman, Heather Patch and Andrew Bacino of Keitu Engineers & Consultants, Inc.



NORTH DAKOTA'S natives tend to make fun of mid-summer visitors who schedule trips in the middle of the summer rather than during its infamous winters. But instead, it was the extreme summer heat peaking at 106°F which posed the greatest challenge to both instructors and students during the TRANSCAER® Tour through the state in July.

TRANSCAER® training in 2008 was held in just Grand Forks in 2008 and 2009 only in Fargo and Bismarck. This year's Anhydrous Ammonia (AA) training tour included 12 sessions held across the state in eight separate locations. Attendance was strong, with a total of 469 students participating, with 42 separate fire districts represented in addition to law enforcement and area industry employees. Renee Loh, Executive Director of the ND Firefighters Association praised the effort; "The beauty of this program was that each geographical area of the state was covered, allowing everyone a chance attend this vital training. . . .

The event was nothing short of magnificent and the individuals from TRANSCAER® proved to be an incredible group of "golden individuals." The event was out of this world!" *CONTINUED PAGE 6* »

TRANSCAER® State Coordinator for Colorado Tony (left) and his son Andrew Bacino (right) pose on a BNSF Railway locomotive during recent TRANSCAER® Anhydrous Ammonia training in Grand Folks, ND.



Tony Bacino discusses the properties of anhydrous ammonia in Devil's Lake, ND.



Tony Bacino describes the inside of a rail car during anhydrous ammonia training in Devil's Lake, ND.



TRANSCAER® Training focusing on anhydrous ammonia during the first-ever eight-stop tour throughout North Dakota.

The highest attendance occurred at the Minot, ND sessions with 109 participants. In January 2002, a train derailment occurred several miles west of that city involving thirty-one freight cars including fifteen with anhydrous ammonia.

Training included AA specific characteristics, response actions, a hands-on tour of a BNSF locomotive and its HazMat training tank car. BNSF Railway also provided training materials to all attendees in addition to 500 copies of the Anhydrous Ammonia program on DVDs for distribution to each municipal and rural fire department in the state. CF Industries provided access to their cut-a-way cargo tanker truck at the Grand Forks event. Local agronomy outlets provided cargo tankers and “nurse tanks” for the on-site portion of the training. Shirley McNew, Central Region Outreach Coordinator of US DOT/PHMSA presented topics during both Mandan and Jamestown training. And TRANSCAER® Staff Executive Donna Lepik joined the event at the Grand Forks site.

Credit for the success is shared with the ND Firefighters Association with handled event registration and who issued training certificates and ND Department of Emergency Services, who helped to promote the event and coordinated efforts with local fire departments. The Firefighters Association also assured the training would qualify for POST credit to help meet continuing education requirements.

Feedback was very positive and a very warm appreciation was shared by participants and event leadership which included BNSF Railway HazMat trainers Ed Chapman and Pat Brady, MTBE trainers Tony and Andrew Bacino, Renee Loh from the ND Fire Fighters Association; Ken Jarolimeck and Ray DeBoer from the ND Department of Emergency Services and Kathye Spilman and Heather Patch from Keitu Engineers & Consultants, Inc. ■

The Numbers

DICKINSON 26

(Participants from: Dickinson, New England, and Richardson)

MANDAN 79

(Participants from: Almont, Berthold, Bismarck, Butte, Mandan, Steele, and Mercer)

JAMESTOWN 52

(Participants from: Cooperstown, Carrington, Edgeley, and Oakes)

FARGO 55

(Participants from: West Fargo, Walcott -Colfax, Horace, Fargo, and Harwood)

GRAND FORKS 49

(Participants from: Mayville, Park River, Thompson, Larimore, and Hillsboro)

WILLISTON 17

(Participants from Williston and Trenton)

MINOT 109

(Participants from: Oil companies throughout the northwest, Dakota Gasification Plant; Beulah, Minot, Burlington, Velva, and Carpio)

DEVILS LAKE 82

(Participants from: Grand Forks, Larimore, Devils Lake, Rock Lake, Cando, Edmore, Minnewaukan, Edmond, Starkweather and Grand Forks Air Force Base)

Grand Total
469

FRA Awards TRANSCAER® Funding for 2013 HazMat Training

FOR THE FOURTH YEAR IN A ROW, the Federal Railroad Administration has awarded TRANSCAER® with a training grant to help provide hazardous materials training events for emergency responders during the upcoming 2013 training season. Through this grant, TRANSCAER® will receive \$75,000 to be

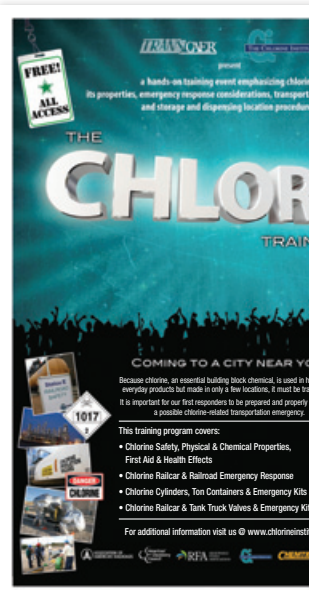
used to actively involve short line railroads into partnerships with The Chlorine Institute (CI) and the Renewable Fuels Association (RFA) to conduct chlorine and ethanol training to emergency responders in strategic locations along transportation routes across the United States. ■

Chlorine Safety Tour Hits the Road in 2013

The Chlorine Institute (CI) and TRANSCAER® are launching an eight-stop safety training tour with seminars scheduled in Illinois, Louisiana, New Jersey and Texas.

CI's long-term focus is the safe production, transportation and use of its mission chemicals. Chlorine is an essential product throughout the U.S. economy in all regions, including public water utilities in both rural and urban areas. This requires a robust national rail network connecting that facilitates approximately 30,000 rail shipments per year. The 2013 Chlorine Tour reflects the chlor-alkali industry's long-term commitment to continuous safety improvement.

CI will provide training for the short line railroads, the first responder community (both public and private), emergency management agencies and others at the local, state and federal level to improve and maintain their knowledge and expertise regarding planning, preparedness, mitigation, and recovery in chlorine emergencies.



The training program will include the following elements:

- *Chemical and physical characteristics of chlorine*
- *Transportation of chlorine*
- *Leak mitigation techniques for common chlorine shipping containers*
- *Chlorine emergencies*
- *Emergency Response Guide instruction including isolation and downwind protective actions*
- *Overview and activation of the CHLOREP network*

The dates, locations, and times of all seminars will be communicated with state and local fire chiefs, Local Emergency Planning Committees, TRANSCAER®, CHLOREP and other industry organizations to ensure all possible participants are aware of the seminars. ■

For more information visit www.cl2.com, www.transcaer.com or contact Shane Fast at sfast@cl2.org.

RFA and TRANSCAER® Rolling Out 2013/2014 Ethanol Training Tour

With nearly 14 billion gallons of ethanol being transported across our country through railroads, highway cargo tank trucks and barges, it is important that first responder communities throughout the country are well prepared and trained for ethanol and ethanol blended fuel-related emergencies. The Renewable Fuels Association (RFA) has partnered TRANSCAER® and is planning a nationwide TRANSCAER® Awareness Training program and tour targeting ethanol for 2013 and 2014.

The Ethanol Training Tour will focus on numerous important areas of ethanol safety including an introduction to 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 target audience for tour events includes: first responders, HazMat teams, safety managers, local emergency planning committees, emergency management associations, public safety representatives, law enforcement agencies, consultants, etc.



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, flyers and press release. ■

Stay tuned to www.transcaer.com or www.EthanolResponse.com for additional information on the tour or contact Missy Ruff at mruff@ethanolrfa.org.

If this is Saturday.... It must be Dickinson...

By Tony Bacino, State TRANSCAER® Coordinator for Colorado, MTBE, Pueblo, CO

NORTH DAKOTA, AS THEY SAY IT. Perhaps the best kept secret of the United States, well until they found all that “Black Gold” up there.

In July and August this year TRANSCAER® presented the Ammonia Tour to these hardy folks. From Dickinson to Mandan, Jamestown, Fargo, Grand Forks, Devils Lake, Minot and Williston, the tour rolled thru the state gathering momentum at every stop. But this story isn't so much about the tour as it is about the “tour”. Just what do you do when you are on the road for a month in a sportsman's paradise when everything is out of season?

First you find the things of local interest that makes North Dakota North Dakota. Now Texas claims to have the “Largest” of everything. Not so. Jamestown has the “World's Largest Buffalo” and New Salem boasts the “World's Largest Holstein Cow”. And if you're asking, yes, I have photographic proof of these grand attractions of North Dakota, so Texas, eat your heart out!

They also have this thing called the “Enchanted Highway.” Along a twenty mile section of highway you'll find bigger than life metal sculptures of everything from birds to dinosaurs. All this just a mere 200 miles north of Nebraska's Carhenge!

Food. McDonalds has claimed to have served Billions. As staple for road warriors I lay claim for at least one of the “Billions” sold.

Then there's the local cuisine. In Grand Forks there is this place called the Toasted Frog. That's right the Toasted Frog. With a name like that you just have to go and see what it's about. Their specialty? Stuffed Cucumbers!! Makes you wonder what the Stuffed Cucumber would have on its menu.

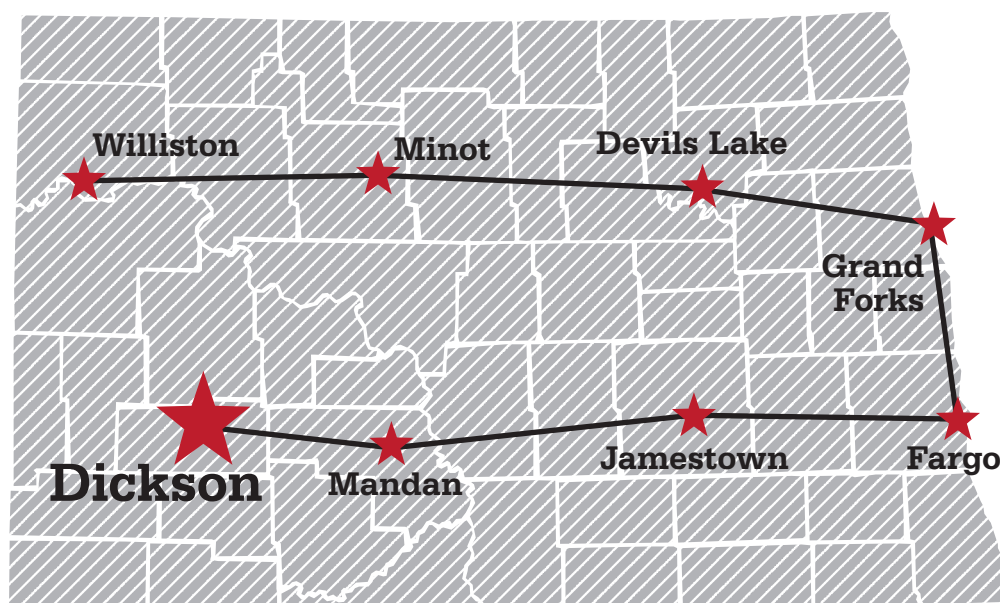
Still on the topic of food, you know you've been in a town too long when you walk into a local restaurant and the folks know what you want when you say the “Usual”. If you're ever in Devils Lake, the Subway makes a great BMT on Italian Herb and Cheese!

Accommodations. As a road warrior you know you've hit the big time when you get the room not only next to the ice machine but also the elevator and entrance to the “Tidal Wave” water park. However if you think that is a restless night, try staying in a motel that houses the train crews. Those folks NEVER sleep. None of them are light on their feet. At three in the morning you awake to the thundering of what sounds like the cattle drive coming into Dodge City, only to find it's just

the engineer and conductor going to work to catch the local job.

IKEA, the furniture store prides itself on “Photo-finish” wood that goes together with that crooked wrench screw driver thing. They have mega stores in the largest of our cities. Believe it or not there is actually one in the small but growing town of Williston. Just look for the big building with the Motel 6 sign on it. In the rooms, everything is attached to the walls with that unmistakable “Wood like-look” That screams “Made” in Sweden.

One of North Dakota's favorite Native sons is Lawrence Welk. OK, a lot of you make not have any idea of whom I am talking about. Ask your folks or just watch



any PBS station around 6PM on Saturdays and you'll know what I mean. They have done a great job at his farm near Strasburg. Long live Polka!

Like Forest Gump's Momma used to say, “Life is like a box of chocolates, you never know what you're going to get.” North Dakota surprised me in many ways, but the biggest had to be the people. In many ways it was like going home again. Like my hometown, every stop was filled with colorful folks that had great stories to tell. Most of them bragging about who survived the coldest winter or hand shoveled the largest snow drift. It is North Dakota after all.

You can't ask for better hospitality. If we needed something, it was there sometimes even before we knew we needed it. The tour was a success because of these folks. I can't wait for the next TRANSCAER® Tour. Just make sure we do it in the summer. With all those well diggers up there, you just know January is going to be cold.

Thanks North Dakota! ■

Union Pacific Railroad Unveils New Additions to Hazardous Materials Training Fleet

From simulated CO2 incidents to hands-on training with next generation chlorine valves, these cars address more needs of first responders

Benjamin Salo, Union Pacific Railroad

Photos Courtesy of John R. O'Neill, The Firefighters Education and Training Foundation



FIRST RESPONDERS living in the western United States will soon be seeing two new additions to the Union Pacific Railroad Emergency Response Training fleet. Union Pacific recently unveiled two newly designed and appropriately named "Prevention" and "Preparedness" training tank cars. These training cars, which were built by John R. O'Neill of The Firefighters Education and Training Foundation in West Springfield, Massachusetts, will provide first responders with the most current valves and fittings they may see at a hazardous materials incident involving a tank car.

These training cars are not only built with responders in mind, but also the instructors who will be utilizing these cars during TRANSCAER® events.

Mr. O'Neill, President and Founder of The Firefighters Training and Education Foundation, has designed these cars to be completely self-sufficient. Each car is fitted with 1,000 gallon water tanks, diesel power generators and air compressors to provide real-life training experiences.

Students will be able to conduct hands-on evolutions with standard non-pressure and pressure fittings, but also the newer fittings coming into the rail industry today – including the Next Generation chlorine housing

and even the new Kelso man-way system.

Responders will also be able to gain hands-on experience with what they will see in the future as these become more common in shipper fleets. Additionally, students will now be able to receive instructions on valves and fittings with a display table and seating inside of the cars, which is easily accessible by a stairway system. This new feature will provide instructors the opportunity to provide simulations, as well as hands on presentations simultaneously.

These cars will travel throughout the western 23 states training first responders at different rail locations starting this fall with "Prevention" making the inaugural appearance in San Francisco, California. TRANSCAER® can expect the full implementation of these cars to begin training responders on a full time basis starting January 2013.

Union Pacific Railroad would like to extend a special thank you to John R. O'Neill of The Firefighters Education and Training foundation for making these assets possible.

Union Pacific Railroad's newest training additions – the "Prevention" and "Preparedness" has begun hitting the rails. ■

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EERC
Ethanol Emergency Response Coalition

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.

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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

Missy Ruff at mruff@ethanolrfa.org.



ASSOCIATION OF AMERICAN RAILROADS

American Chemistry Council

REFA RENEWABLE FUELS ASSOCIATION

The Chlorine Institute

CHEMTREC

The Fertilizer Institute

3475
3

Meet Our Team

NTTG Announces New Executive Committee Members

THE NATIONAL TRANSCAER® TASK GROUP (NTTG) accepted a new slate of Executive Committee Members during their quarterly meeting on December 6, 2012 at the American Chemistry Council in Washington, DC.

Members of the NTTG may represent manufacturers, distributors, hazardous materials storage and handling, transporters, emergency response and preparedness organizations, their associations, and related service industries.

The following hazardous materials professionals will be serving as Members of the TRANSCAER® Leadership Team from January 1, 2013 to December 31, 2015. ■



ED CHAPMAN
Chair

Director,
Hazardous Materials,
BNSF Railway

Fort Worth, TX



FRANK REINER
Vice Chair

President,
The Chlorine
Institute

Arlington, VA



ROLLIE SHOOK
Past Chair

**Global Associate
Director of Emergency
Services, CPP,**
The Dow Chemical Company

Midland, MI



DAVID BINDER
At-Large Member

**Director,
Quality, Safety &
Regulatory Affairs**
Tanner Industries, Inc.

Southampton, PA



DONNA L. LEPIK
TRANSCAER®

Staff Executive,
American Chemistry
Council

Washington, DC

Meet Our TRANSCAER® Team Members



DAVID SCHOENDORFER, CHMM
Manager Hazardous Materials
Norfolk Southern

When did you join TRANSCAER®? 1991

What leadership positions have you held with TRANSCAER®?

Member of National TRANSCAER® Task Group

Atlanta, GA

Why do you/your company value being engaged in TRANSCAER®?

Norfolk Southern definitely recognizes the importance of emergency preparedness in the communities throughout our 22 state system. Working in partnership with our shippers and other carriers through TRANSCAER® has helped Norfolk Southern maximize resources to provide high quality training programs and events and to build relationships with responders.

How has your involvement in TRANSCAER® impacted the program?

I fully support the TRANSCAER® initiative and have participated in the program for more than 20 years. In fact, I was the initiator for organizing the first Norfolk Southern

TRANSCAER® Whistle-Stop event in 1994, and was honored to receive the TRANSCAER® Chairman's Award for that effort. Since then, I have participated in all 10 additional Norfolk Southern TRANSCAER® Whistle-Stop events (1999, 2002-2010), which have provided responders with excellent hands-on training, as well as great exposure to TRANSCAER® helping build awareness of the brand. I look forward to working cooperatively with the National TRANSCAER® Task Group to ensure we never lose sight of the goals and importance of this program, and all continue to support TRANSCAER® at the highest level. We've come a long way in 25 years!

Meet Our TRANSCAER® Team Members (*continued*)**KAREN SCHEEL**

**Sr. HSE Coordinator –
Transportation and
Product Safety**

Total Petrochemicals
& Refining USA, Inc.

When did you join TRANSCAER®? 2002

What leadership positions have you held with TRANSCAER®?

I have served as the Texas TRANSCAER® State Coordinator, Secretary, Publicity Committee, Membership Committee; Region 5 Coordinator 2009-2010; National TRANSCAER® Task Group 2009-2010.

Why do you/your company value being engaged in TRANSCAER®?

A lot of time and energy is spent on communicating with the neighbors around our manufacturing facilities, and this is very important. But it is just as important to communicate with the communities our products travel through. In many instances, rural fire departments have had no exposure to chemical

Houston, TX

incidents and don't know how to deal with transportation emergencies. I think it is extremely important that we offer this type of training, and doing it as an industry instead of trying to tackle as an individual company just makes sense.

How has your involvement in TRANSCAER® impacted the program?

Having served as a founding member of Texas TRANSCAER®, Total has been extremely supportive of our efforts in assisting this effort in Texas. There are so many people in the Texas TRANSCAER® program that have made it the success it is today. Rick Ferguson (Shell), Lee Barron (formerly of Rohm & Hass/Dow Chemical), Tim O'Brien and Frank Lerch (Union Pacific), Pat Brady (BNSF Railway), Bobby Breed (SRS), Todd Johnson (SWS) and Tim Lancelin (Oxy) just to name a few—have all been integral in building the Texas TRANSCAER® program. When we started our current organization 10 years ago, Texas TRANSCAER® had a model that wasn't working, and we had to work collectively not only to find a model that would work, but also educate potential member companies that we were not going to do things "the old way" -- and that took some time.

One of the major changes that has occurred in the 10 years I have been involved is that the trucking industry is becoming increasingly more interested in TRANSCAER® and are becoming key participants—when in the past TRANSCAER® training was much more heavily focused on

rail. I think that at least in Texas, it is equally focused on rail and truck transport, and this is a great improvement to the program and our communities. We are currently working to engage more pipeline and barge company participations—so I foresee more modes getting on board in the next five years. All of these changes will only benefit the emergency response community.

The one change I would like to see is for more chemical manufacturers to become involved in TRANSCAER®. The chemical companies that do participate in TRANSCAER® go above and beyond. However, while we've had a large increase in carrier participation, we have lost a number of chemical producer members. Today, chemical manufacturers make up 22% of our Texas TRANSCAER® membership. It is wonderful that we've had such a surge in carrier membership, but we need more chemical manufacturers to participate.

I love being part of the TRANSCAER® organization. Both in Texas and Nationally, the individual members have so much passion for what we are doing. All of us have regular jobs and fit TRANSCAER® in where we can. Many of the members that actively train give up Saturdays and Sundays to participate in training events. We have all developed friendships over the years, and we help each other with non-TRANSCAER® issues related to transportation regulations and emergency response. Networking is a big part of being an active part of any industry organization and is definitely a side benefit. ■

**GENE PATTEN**

**VP – Responsible Care®
Coordinator**

Dana Transportation Companies

Avenel, NJ

When did you join TRANSCAER®? 2010

What leadership positions have you held with TRANSCAER®?

Region 1 Co-Coordinator

Why do you/your company value being engaged in TRANSCAER®?

Emergency responders are the first to arrive whenever there is a transportation-related chemical release. The Dana Transportation Companies are grateful and proud of our association with TRANSCAER® and welcome

opportunities to provide HazMat cargo tank trailer training to emergency responders, HazMat technicians, chemical manufacturers, etc.

How has your involvement in TRANSCAER® impacted the program?

More than half of those we've trained have never had any hands-on cargo tank training, nor were they familiar with TRANSCAER®, especially in the northeast U.S. ■

Meet Our TRANSCAER® Team Members (continued)



DAVID BUCCOLO

General Manager

Central California Traction Company, A Joint Facility of the Union Pacific Railroad and BNSF Railway

When did you join TRANSCAER®? 1987

What leadership positions have you held with TRANSCAER®?

I have served as the Kansas State Coordinator, Region 4 (West Coast) Coordinator, Member of the National TRANSCAER® Task Group and have been a Member of the Executive Committee.

Stockton, CA

Why do you/your company value being engaged in TRANSCAER®?

Our railroad handles PIH/TIH and large amounts of ethanol and other HazMat and we are able to keep area first responders trained. My owners companies are fully engaged in TRANSCAER® to provide outreach and community awareness in their service areas and allow me to be on the NTTG and Executive Committee. TRANSCAER® helps us show how we are part of the community and that we care what happens in our service areas.

How has your involvement in TRANSCAER® impacted the program?

I have been able to bridge the gap between the small railroads (Short Line Railroads) and the Class One Carriers and have helped to bring American Short Line and Regional Railroad Association (ASLRRA) into TRANSCAER®. Improved training on the West coast and to Short Lines. ■

Meet Your New Region 2 Coordinator



ROBERT WOOD

TRANSCAER® Region 2 Coordinator

Norfolk Southern Corporation

Emergency Response has been my life.

I worked for 24 years with Birmingham Fire and Rescue Service as a member of the Hazardous Materials Team. I retired from the fire service in 2010.

Atlanta, GA

I also worked as an emergency response contractor for 13 years. The majority of this work involved responding to transportation emergencies involving hazardous materials. I was the Emergency Response Manager for HEPACO in the Atlanta Region prior to starting my current job with Norfolk Southern in Atlanta.

I have been an adjunct instructor at SERTC in Pueblo, Colorado and previously served as the TRANSCAER® State Coordinator in Alabama.

I love to play golf when I get the opportunity.

I will attempt the impossible task of filling the shoes of my predecessor Mike Stiner and look forward to meeting the challenges that lie ahead. ■

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.*

Dow's TRANSCAER®'s Rep Gil Rider Gets a First Class Send Off

Dow's Gil Rider passed away on Wednesday, October 24, 2012, in Zephyrhills, Florida after battling cancer. Gil was born on June 25, 1952, in Midland, Michigan, to Jack and Evelyn Rider.

Gil was Michigan's TRANSCAER® Coordinator for more than eight years. He also served as a Senior Dow Emergency Response TRANSCAER® instructor and was a lead instructor at the Michigan State Police HazMat Training Center, along with a State of Michigan Fire HazMat instructor. He also had traveled for Dow outside of the U.S. to facilitate hazardous materials education globally.

He was a 1970 graduate of Bullock Creek High School. From 1970 to 1974 he was enlisted in the U.S. Marine Corps serving as a sergeant in the Vietnam War. Upon his return he graduated from both Delta College and Siena Heights University.

Gil retired in 2008 after 33 years at Dow. An active member of the Midland Township Fire Department for 30 years, he retired as the Fire Chief in September 2012.

Gil was married to Nancy LaFrance on June 21, 2002 in Midland. The love of travel set Gil and Nancy on the road to the country via Coach RV and his Firefighter Harley Davidson motorcycle.

Gil was a member of the Patriot Guard Riders. He and Nancy both volunteered with Wreaths Across America, the Vietnam Traveling Memorial Wall and had a special place in his heart for Vietnam POW- MIA soldiers.

Gil is survived by his wife, Nancy; daughters Courtney Rider of Lansing, MI and Chelsea (Ryan) Murto of Swartz Creek, MI; and granddaughters Isabella and Gwyndolyn Murto.

He is also survived by his stepson John Yacks Jr. of Milwaukee, WI., stepdaughter Courtney Yacks of Raleigh, NC, Uncle Ed (Marilyn) Rider, sister-in-law; Kay Rider, and 'brudder' Jim (Anne) Power. He was preceded in death by his beloved father, Jack Rider, Sr.; his mother, Evelyn Rider; his brother, Jack Rider, Jr.; and niece, Angela Rider.

His highly attended funeral included 15 uniformed U.S. Veterans who each marched to the casket to salute Gil.

Following the service, Members of the Midland Township Firefighters placed Gil's casket in a fire rescue truck before issuing a last call tone over the county's emergency airwaves. Near the cemetery more than 80% of Midland County's Fire Equipment stood at attention during the procession. Firefighters, paramedics and law enforcement gave Rider a final salute as his casket was carried in his fire department's rescue truck, No. 750, decked out in black drapery. Rider received full military honors.

Friend and coworker, Rollie Shook, youth director at the Floyd Church of God, officiated, sharing the history of a quiet and distinguished man.

His children, John and Courtney, shared personal and touching stories that reflected their father's love, support, and faithfulness.

"He was the rock upon which we built our life," Courtney said. "We are what will keep him alive."



In Memorium

In loving memory of those we've lost.

NS's Longtime TRANSCAER® Team Member Remembered

It is with a heavy heart that we report the passing of one of our truly dedicated and genuinely kind TRANSCAER® Team Members the morning of October 10, 2012 to a courageous battle with pancreatic cancer.

Mr. Joseph E. Oliver, CHMM CPEA, who was an Engineer of Environmental Operations for Norfolk Southern Railway Company out of the John Sevier Yard, which covers parts of Tennessee and Kentucky, was one of our truly adored TRANSCAER® State Coordinators in the great state of Tennessee.

Joe was an advocate, a friend and an ally of TRANSCAER® for many years. In addition, Joe was a personal friend to many of our TRANSCAER® Team Members. He was also a mentor to many folks within the HazMat profession. Over his tenure, Joe has trained thousands of first responders while with NS and TRANSCAER®. One of Joe's lasting impressions is his featured role in our TRANSCAER® Overview video.

Mr. Joe Oliver will be missed by many!

Here's to Joe, our devoted friend and colleague. . . May he rest in peace.

Joe Oliver, 10/10/12 Situational Awareness - Live By It.



Longtime TRANSCAER® Team Member Joseph E. Oliver CHMM CPEA, Engineer of Environmental Operations, Norfolk Southern Railway Company featured in TRANSCAER®'s Overview video production.

Shared Memories:

By Mike Stiner, Retired, Colleague, Norfolk Southern

Some of my fondest memories of my railroad carrier involve conducting training and exercises with Joe. He especially liked doing training for volunteer firefighters and would often rearrange his schedule to be able to conduct the training at night and on weekends to accommodate the volunteers. We did classes together throughout the southeast for over 20 years. He was part of many TRANSCAER® Whistle Stop Tours and was the lead coordinator at most stops in Tennessee. His list of contacts in the emergency response community was immeasurable as was his reputation for integrity and his willingness to assist with any training related events. Many LEPCs often called on Joe to speak at meetings and special events and to work with them to coordinate TRANSCAER® presentations. Joe was a true gentleman and was a pleasure to work with...he will be greatly missed and cannot be replaced.

An Unforgettable Wedding



Turkey Creek Medical Center is proud to have hosted the wedding of Allison Oliver and Carl Short on Saturday Oct. 6. The conversation began the day before when it was determined that the father of the bride would not be able to leave the hospital as planned. Thanks to some creative thinking and planning on the part of the hospital, bride and groom, the ceremony was moved to the hospital's garden with the reception in the cafeteria. "Everyone worked so well together. It was a beautiful thing to take care of this patient and his family this way," said Dr. Rangnekar, Mr. Oliver's surgeon.

"This is an amazing bride and groom. Their ability to adapt and change their plans on such an important day demonstrates their love and commitment to family," said Brad Hood, Chaplain, "They were talking on Friday and Mom said to Allison, 'Are you sure you want to do this?' and Allison said, 'What would you do?' 'I would probably do what you are doing.' 'No' Allison interrupted, 'I mean would you stay here with Dad or would you come to my wedding?' Mom thought for a minute and answered slowly, 'I would probably need to choose.' 'I am eliminating that decision.'"

With that decision made, the family was able to attend the wedding together.

"I love that we care for more than just the disease of the body. This has been a great way for us to be part of the history of this family," said Heidi Malez Coffee, CNO.

The new Mr. and Mrs. Short were back to the hospital on Monday. "Everyone at the hospital was so helpful. It really could not have gone any better. Dad's nurse Paige helped him get in his tux and pushed him downstairs to the ceremony. All the nurses have been very nice. We cannot say enough good things too about Rick Glass who was here to help get everything ready. This has been amazing.

TRANSCAER® is coming to your neighborhood!

Chlorine Institute and BNSF offer TRANSCAER® Training in Oklahoma City, OK March 20 & 21, 2013

THE CHLORINE INSTITUTE AND THE BNSF RAILWAY will be hosting two training days at the BNSF GM Yard at 6800 South Air Depot Boulevard, Oklahoma City, OK on March 20 and March 21. Each day over one hundred first responders are expected to attend this event which consists of eight training stations with a mixture of hands-on and classroom training, but heavy on the hands-on.

If you are in the Oklahoma City area, have customers in the area, or would like to attend, please email [Jordan May](mailto:Jordan.May@ci2.com) or [Shane Fast](mailto:Shane.Fast@ci2.com) for a copy of the registration form. You may also visit the TRANSCAER® website, www.transcaer.com, to register for March 20 or March 21.

The training includes the following:

STATION A	CHLORINE SAFETY PRESENTATION An industry representative will review the primary mission chemical of the Chlorine Institute - chlorine. The team will cover chlorine chemical and physical properties, manufacturing, and transportation.
STATION B	CHLORINE WORKSHOP An industry team will provide hands-on training with chlorine tank car cylinders, ton containers and valves.
STATION C	CAUSTIC AND BLEACH A team will provide product and shipment information along with response actions for caustic soda and caustic potash (sodium and potassium hydroxides) and sodium hypochlorite (bleach). An exhibit of the package and bulk transportation containers along with emergency response equipment will give attendees an opportunity for hands-on training. The workshop will focus on hazards and identification, protective measures for emergency responders, emergency response equipment and methods.
STATION D	HYDROCHLORIC ACID A team will provide detailed product information and shipment and response actions for transporting hydrochloric acid. This program will include an outdoor exhibit of the bulk transportation equipment used for product shipment. Attendees will have the opportunity for hands-on training experience with this equipment.
STATION E	EMERGENCY KIT A FOR 100-LB & 150-LB CHLORINE CYLINDERS CI CHLOREP ER Teams will provide instruction on chlorine cylinders in response to chlorine container leaks. Participants will get an opportunity to gain hands-on practical experience in the application of the emergency kit. Participants should bring their own hard hats, gloves, safety glasses, and steel-toed shoes.
STATION F	EMERGENCY KIT B FOR TON CONTAINERS CI CHLOREP ER Teams will provide instruction on ton containers, in response to chlorine container leaks. Participants will get an opportunity to gain hands-on practical experience in the application of the emergency kit. Participants should bring their own hard hats, gloves, safety glasses, and steel-toed shoes.
STATION G	EMERGENCY KIT C & MIDLAND KIT CI CHLOREP ER Teams will provide instruction in the use of the chlorine Emergency Kit C and the Midland Kit and use in the response to chlorine tank car and cargo tank valve leaks. Participants will get an opportunity to gain hands-on practical experience in the application of the Emergency Kit C.
STATION H	RAILROAD SAFETY, SECURITY, AND EMERGENCY RESPONSE Attendees will be provided with a basic knowledge of the requirements for safe transportation of hazardous materials by rail, and gain hands-on experience with the various tank car fittings. There will be a session detailing the primary elements of how local emergency responders can best cope with a rail emergency. Safety is the basis of the course beginning with communication with the railroad. What are and how to use the toll-free emergency telephone numbers; establish site safety; how to size up or assess the incident; what to expect and how to work with the railroad emergency response team. Basic elements of HazMat recognition are also emphasized.

ALL TRANSCAER® Training is **FREE!**
 You can't afford NOT to train with us!

For more information contact
 Shane Fast (sfast@CI2.com) or Jordan May (jmay@CI2.com).

MARK IT!

x March 20-21, 2013 - Oklahoma City, OK

TRANS CAER



present

a hands-on training event emphasizing chlorine,
its properties, emergency response considerations, transportation equipment,
and storage and dispensing location procedures.



THE CHLORINE TRAINING TOUR

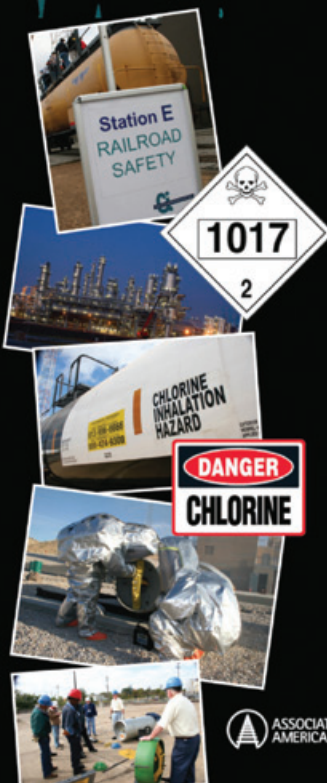
COMING TO A CITY NEAR YOU!

Because chlorine, an essential building block chemical, is used in hundreds of everyday products but made in only a few locations, it must be transported. It is important for our first responders to be prepared and properly trained for a possible chlorine-related transportation emergency.

This training program covers:

- Chlorine Safety, Physical & Chemical Properties, First Aid & Health Effects
- Chlorine Railcar & Railroad Emergency Response
- Chlorine Cylinders, Ton Containers & Emergency Kits A & B
- Chlorine Railcar & Tank Truck Valves & Emergency Kit C

For additional information visit us @ www.chlorineinstitute.org



Suncor Energy's Operation Front Range a Great Training Program

By Donna Lepik, TRANSCAER®

MOST KNOW TRANSCAER® IS a voluntary national outreach effort that focuses on assisting communities to prepare for and to respond to a possible hazardous materials transportation incident. And that TRANSCAER® works to ensure our responders throughout the nation are getting the appropriate training they need to be better prepared to deal with hazardous materials incidents; however, there are lots of other industry led efforts that I find throughout my travels while reaching out to emergency responders within the United States that also deserve recognition.

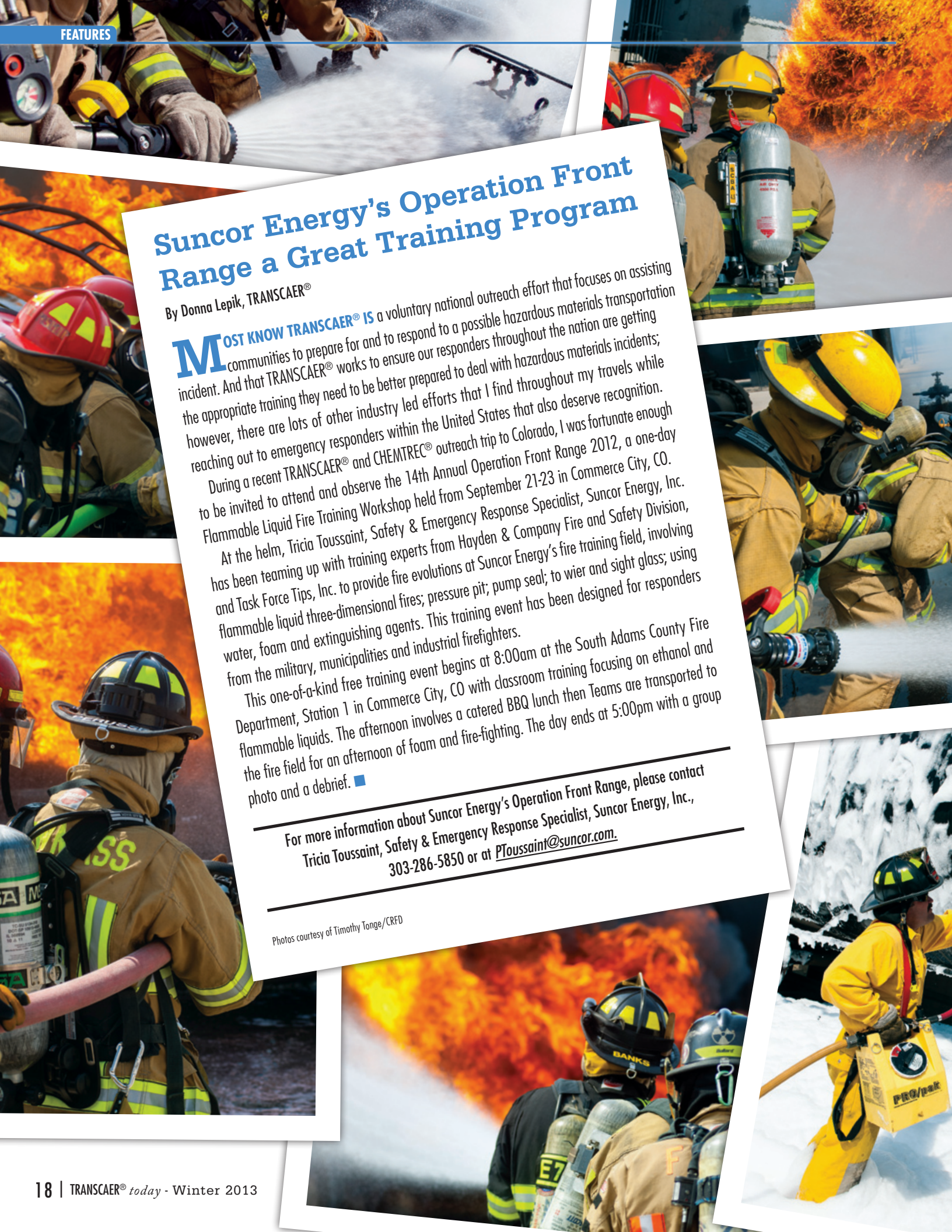
During a recent TRANSCAER® and CHEMTREC® outreach trip to Colorado, I was fortunate enough to be invited to attend and observe the 14th Annual Operation Front Range 2012, a one-day Flammable Liquid Fire Training Workshop held from September 21-23 in Commerce City, CO.

At the helm, Tricia Toussaint, Safety & Emergency Response Specialist, Suncor Energy, Inc. has been teaming up with training experts from Hayden & Company Fire and Safety Division, and Task Force Tips, Inc. to provide fire evolutions at Suncor Energy's fire training field, involving flammable liquid three-dimensional fires; pressure pit; pump seal; to wier and sight glass; using water, foam and extinguishing agents. This training event has been designed for responders from the military, municipalities and industrial firefighters.

This one-of-a-kind free training event begins at 8:00am at the South Adams County Fire Department, Station 1 in Commerce City, CO with classroom training focusing on ethanol and flammable liquids. The afternoon involves a catered BBQ lunch then Teams are transported to the fire field for an afternoon of foam and fire-fighting. The day ends at 5:00pm with a group photo and a debrief. ■

For more information about Suncor Energy's Operation Front Range, please contact Tricia Toussaint, Safety & Emergency Response Specialist, Suncor Energy, Inc., 303-286-5850 or at PToussaint@suncor.com.

Photos courtesy of Timothy Tonge/CRFD





Dow Trains 260 on North East TRANSCAER® Tour

By Amy Rezmer, The Dow Chemical Company

THE 2012 TRANSCAER® TOUR was the first of a number of training tours held during 2012. The North East Tour hosted training sessions in Woodbury, NJ (April 20 & 21); Bristol, PA (April 26, 27, 28) and Piscataway, NJ (May 10, 11, 12). A total of 260 participants took part in training sessions that were sponsored by The Dow Chemical Company with support provided by Norfolk Southern Railroad, Conrail Railroad, Transport Services, Inc., Kuehne Chemical Company, DANA Transportation Companies, the Firefighters Education and Training Foundation, CHEMTREC® and many other local agencies.

The tours were part of a long-term commitment by Dow and others to provide improved community awareness and preparedness along chemical transportation routes, in coordination with the national, regional and state TRANSCAER® program.

Participants included individuals from law enforcement, fire service, public works, government administration, public safety, public health, private industry, emergency medical services, emergency management and others. These free “hands-on” trainings are part of Dow Chemical’s continuing commitment and participation in the 2012 TRANSCAER Training Tours.

Local agencies and business participation included teams from: Aeropres Corp, Avantor Performance Materials, BASF Corporation, BCHIRT, Bucks Public Safety Center, Bombardier Transportation, Bristol Myers Squibb, Cape May Seashore Lines RR, Cecil County DES, ConocoPhillips - Bayway Refinery, Dana Transport Companies, Delaware City Refining Co., Dow Chemical, Gloucester County DER, HEPACO React, Infineum USA L.P., Johnson & Johnson Health Care Systems Inc., Merck & Co. Inc., Monmouth County Health Department, Morris County, New Jersey DOT, Norfolk Southern Railroad Police, NuStar Energy, Occidental Chemical, Paulsboro Refining Co., Qualified Spill Response, Inc., Rutgers University, US DOT/PHMSA, Veolia Environmental Services, Whiteplains Twp, and W.R. Grace.

Emergency Management and HazMat teams participated from: Branchburg OEM, Bucks County EMA, Bucks County HAZMAT, County of Berks Department of Emergency Services, DC HazMat / Energy Indian Point, FBI HazMat (Philadelphia), FEMA Regions 3 Incident Management Assistance Team, Hazardous Materials Emergency Response Team, HazMat 89, Hunterdon County HazMat, Hunterdon Co Emergency Services Training Center, Middlesex County HazMat, Neptune OEM, NJDEP Bureau of Emergency Response, NYPD Emergency Service Unit, Philadelphia Office of Emergency Management, Readington Twp. OEM, Somerset County HazMat ERT, Pike County Training Center, Union County HazMat, Warren County-NJ HM Team, Westchester County HazMat, York County HazMat 91, and the 21st Civil Support Team (WMD).

Police Department participation included teams from the City of Chester, New Jersey State Police, New Jersey Transit Police and Passaic County Sheriff’s department.

Fire Departments participating included teams from: America Hose, Hook, and Ladder, Basking Ridge Fire Company #1, Bayonne Fire Department, Bensalem Fire Rescue, Berkeley Heights Fire Dept, Blackwood Fire Company, Cherry Hill,



Dow Emergency Services and TRANSCAER® Instructor Dave Price (Bristol Site) shows students leak mitigation techniques within a Chlorine protective housing during the NE TRANSCAER® tour stop in Woodbury, NJ.

Photo by Mike Stephenson, The Dow Chemical Company



Responders in Bristol, PA participate in training modules focusing on leak mitigation techniques on a number of protective housings and valve assemblies and applying C-Kits on a Chlorine car using the Dow Safety Train provided by the Firefighters Education and Training Foundation.

Photo courtesy of Sam Simon, Dow Chemical, ESS Bristol, PA

Eddington, Edison Fire Department, Elizabeth Avenue Fire Company, Englewood Fire Department, Fire District No. 1 Florence Township Fire Department, Glen Rock Volunteer Ambulance Corps, Inc., Holmes Marshall Fire Company, Levittown Fire Company #1, Merck Fire Department, New Market Fire Company, Parkland Fire Company, Pennel Fire Company, Picatinny Arsenal Fire Department, Rescue 5 Woodstock FIRE Company 1, Somerset City Fire Academy, Trevese Fire Company, Union Fire Company, and Woodbury Heights Fire Department.

A module-based training curriculum was designed to meet the needs of the wide variety of stakeholder groups. The six modules included: General Awareness; Locomotives and Tank Cars; Toxic Inhalation Hazard (TIH) Materials & Flammable Gasses; Capping Kits; Leaks Approach, Investigation and Mitigation; Tank Truck Course and Ethanol Emergencies.

As a result of the Company’s commitment to safety and security, Dow has earned the 2011 TRANSCAER® National Achievement Award for extraordinary support of the TRANSCAER® principles. ■

Special thanks to the Lower Bucks County Fire Training Center for hosting this event for TRANSCAER® at the Dow Bristol Site in Pennsylvania.

Norfolk Southern and DuPont Wrap Up 26-Stop TRANSCAER® East Coast Training Tour

By Bill Oertly, Norfolk Southern All Photos Courtesy of Bill Oertly, Norfolk Southern



Ed Kozey of DuPont explains the valve arrangement on an Anhydrous Hydrogen Fluoride tank car to students at the Koppers, Inc. facility.

Photo by Bill Burke, DuPont.



From left to right: Bristol Fire prepares a simulated decon station while other Team Members train on the DuPont rail car in the foreground in Bristol, VA.; DuPont's Bill Burke supervises Bristol Fire Department Entry Team Members during a level A suit training exercise while Team Member continue working on a repair in Bristol, VA.; HAZMAT Instructor Charlie Baldwin of DuPont with a day's group of students at the Koppers facility in Follansbee, West Virginia

NORFOLK SOUTHERN AND DUPONT just completed a successful year of training throughout the NS system. The Tour began in April and continuing thru October with the two companies partnering to bring training to more than 26 different training locations throughout the Eastern U.S.

Nearly 1,200 personnel were provided training and/or took part in drills Utilizing two sets of DuPont training equipment. At most locations the emphasis was on providing awareness level training to the attendees, but at some places a more in-depth course was provided utilizing the versatility of the DuPont equipment.

Locations varied in size from small towns like Chocowinity, NC to large metropolitan areas like Norfolk, VA and Alexandria, VA. Attendees included: volunteer firemen, professional firefighters, police, federal, state and local emergency managers, government officials and volunteer organizations, such as the Red Cross.

Training exercises varied from simple fixes to more complicated applications of chlorine G-Kits or Midland kits (*see page 34*). Both DuPont and NS provided instructors and shared in the course presentations. ■

TRANSCAER® in Texas Rolls into Tomball for Tank Training

By Karen Scheel, Total, Texas TRANSCAER®



Tank truck training was taking place. This demonstration included Service Transport and Schneider. Tomball Training Event in Tomball Texas (It goes with the article we provided).

Photo by Lee Barron, A.I.D. (Avoid Impending Disaster)

TEXAS TRANSCAER® hosted tank truck training in Tomball, TX on September 15. Thirty-seven local fire department participants attended the event, representing Tomball, Magnolia, Spring, Jersey Village, Pasadena, Texas City and Victoria, TX, as well as emergency responders from Hewlett Packard, University of Houston, FMC Corporation, Clean Harbors and OxyVinyls.

TRANSCAER® Team Members Aubrey Campbell, Baker Hughes; Lee Barron, A.I.D; and Skip Parker, Service Transport organized the event with the Tomball Fire Department. The instruction lasted seven hours and included with both classroom and hands-on training.

The highlight of the day included First Responder Training provided by Jeffery Beatty of Dept. of the Army Human Terrain System, which was organized through the U.S. Department of Homeland Security.

Rail car training was provided by SWS while Tank Truck training was provided by Service Transport, Linden Bulk, Dupre' Logistics, Transport Service and Schneider Bulk. Michael Roberts, of The U.S. Dept. of Transportation, provided instruction in using the Emergency Response Guidebook. Training assistance was also provided by COTH. ■

TRANSCAER®'s Northeast Region 1 Embraces Specialized Cargo Tank Training

By Gene Patten, Dana Transportation Companies



Left to right: Chris Wagner – Amerigas, Allen Richter – Conrail, John Defeo – Papco, George Hartman – Papco, Paul Lement – Papco, Paul Little – Logistics Safety Solutions, Carrie Wayne – Honeywell, Robert Dedow – U.S. DOT/FRA, Gene Patten – Dana Transportation Companies, Not pictured: Henry Papiano – Papco Photo credit: Henry Papiano

DANA TRANSPORT'S specialized cargo tank training trailer has been very busy this year! This unique multi-compartment, multi-specification (MC307/DOT407, MC312/DOT412) trailer has been involved at TRANSCAER® events in 19 cities in 10 states, traveling 11,620 miles. "We've been training in all sorts of weather," said Gene Patten, Vice President - Corporate Responsible Care® Coordinator. "from above 100°F hot, humid, thunderstorms, freezing rain, wind gusts over 45 MPH everything but snow! Hundreds of emergency responders, HazMat technicians and firefighters have received invaluable cargo tank training with this trailer.

Commenting in a July 6th letter addressed to Ron Dana, President and Founder of the Dana Transportation Companies, on a June 29-30th event, Cherry Hill, NJ F.D. Lt. Chris Lenny said, "Our firefighters' levels of experience range from awareness to HazMat specialists. Your staff created a training program that fit all of our levels and particular needs. The training provided will ensure not only the safety of our fighters, but also the safety of the community in which we serve." In addition to Dana's trailer, Papco Transportation (Bridgeton, NJ) brought a MC331 propane tanker and S. Coraluzzo (Vineland, NJ) brought along one of their DOT406 gasoline tankers.

Like any good TRANSCAER® training event, it takes a team effort to be successful. "We have a great network of liquid bulk transport companies in the northeast, allowing

for a robust training experience that includes a wider variety of DOT specification cargo tanks. We have worked together with Skip Parker of Service Transport, Steve Torres of Schneider Bulk, Becky Perlaky of Kenan Advantage Group (C. White), Henry Papiano of Papco, Bob Dupuis of J.P. Noonan, Mike Mullis of Transport Service and Steve Coen of S. Coraluzzo, to name a few. Whenever we get involved with the Dow Chemical TRANSCAER® training tours, it's always great to have the Safety Train thanks to John O'Neill, President of the Firefighters Education and Training Foundation; John is also the MA TRANSCAER® State Coordinator," according to Gene Patten.

"It is a rare opportunity for firefighters to witness the various tank trucks, with safety devices identified, including the Betts emergency recovery valve, in a controlled environment," stated Chief Joseph Barron of the Quincy, MA Fire Department, adding "TRANSCAER®'s commitment to training emergency responders, utilizing knowledgeable presenters with an engaging nature, demonstrates a commitment to public safety personnel and the citizens we are charged to protect."

On September 8th, a TRANSCAER® training event was presented at the headquarters of Papco Transportation in Bridgeton, NJ. LPG properties and transportation regulations, emergency response to propane incidents and LPG railcar and cargo tank anatomy made up the syllabus. Trainers included representatives from Papco, Conrail, Amerigas,



Erie PA Firefighters practice an extraction from a staged automobile accident with a cargo tank trailer as part of the October 26-27 training event. Photo credit: Gene Patten, Dana Transportation Companies



Dana Safety Manager Jon Cragg explains the emergency remote shut-off on a liquid cargo tank trailer during the Erie, PA TRANSCAER® training event held October 26-27th.

Photo credit: Gene Patten, Dana Transportation Companies



Dana, Logistics Safety Solutions and the FRA. Paul Little, NJ & PA TRANSCAER® Team member and President of Logistics Safety Solutions organized the event. "On behalf of the Winslow Township Fire Department, I would like to extend our sincere thanks for an **outstanding class!**" commented Michael S. Scardino, Deputy Chief and Township Fire Marshall, adding "Our members greatly appreciate the program, information, and handouts! Your dedication and experience will, without doubt, benefit our responders!" Speaking about those trained, Allen Richter of Conrail noted, "Without the willingness of the participants to want to learn, we're just a group hanging around with props and nothing to say!"

The MA State Fire Academy has requested TRANSCAER® training events for several years, as a "hands-on: training supplement to its HazMat tech certification programs. A three-day event was just concluded in October that was adjusted for various levels of HazMat techs. Perhaps the high light of the three days was a "live" hands-on, simulated HazMat incident response. Four HM techs donned new Trelchem® chemical protective training suits as part of the response to a simulated leaking valve containing a Class 6.1 product. "I thought the techs did a great job with this first-time hands-on training exercise," said Jon Cragg, Dana's Region Safety Manager and driver trainer, "and we can learn from this and make it better for the techs." Lt. David Loh of the MA Division of Fire Services – Special Hazards Training Branch, advised "50% of the techs rated the program a '5 out of 5'" adding "the group was very appreciative of the training opportunity."

On October 26 & 27 in Erie PA, sixty-eight Erie Firefighters, including representatives from the USCG and PA DEP, received HazMat cargo tank trailer training. HazMat techs from EFD also received hands-on training for a simulated chemical release caused by a staged automobile accident with a cargo tank. In the photo, EFD HazMat techs are carrying out an extraction exercise while engaged in handling the staged chemical release. The exercise gave the participants an opportunity to review their response, along with several Q & A's from the group. EFD 3rd Platoon Deputy Chief Marty Heid said "the training was excellent and I had nothing but positive feedback from everyone."

What's next?

Throughout 2012 and into early 2013, the Team will continue to select and train personnel within our organization that can present the Cargo Tank Training module within each of the regions we serve in the U.S. We have several trainers in place now. We will continue networking with our peers in the liquid bulk chemical transportation sector to continue growing this top notch program. Challenges? We need TRANSCAER® State Coordinators in the northeast: Connecticut, Vermont, Maine, New Hampshire, Rhode Island and West Virginia. ■

TRANSCAER® Tennessee Tour

NORFOLK SOUTHERN CORPORATION AND DUPONT rolled the NS/DuPont CAER Car program through the state of Tennessee in July to present Railcar Emergency Response training to community Emergency Response organizations in Cleveland, Knoxville, Morristown, and the neighboring cities of Bristol TN/VA.

Bill Oertly, Robert Wood, Mike East and Troy Carpenter from Norfolk Southern along with Bill Burke from DuPont served as instructors along the rail route. Topics included shipping documents, railcar design, tank car valve repair, and locomotive fires. The tour included an eight hour Railcar class in Knoxville on Monday July 16th for instructors and HAZMAT personnel from the Tennessee Emergency Management Agency. Norfolk Southern also provided a BBQ lunch on Monday for TEMA personnel as part of the outreach effort. ■

TRANSCAER® Bristol Tour



Bristol Fire Department HAZMAT Technicians prepare to examine a leaking fitting on the DuPont/NS CAER Car during an TRANSCAER training session in Bristol, VA. Photo credit: Bill Burke (DuPont)

DUPONT AND NORFOLK SOUTHERN CORPORATION provided TRANSCAER® training to more than 400 Emergency Response personnel from fire, law enforcement, emergency management agencies, and regulatory officials. The tour was capped off utilizing a full scale emergency response drill in Bristol, Virginia staffed by Bristol Fire Department in conjunction with the Commonwealth of Virginia Department of Emergency Services. ■

TRANSCAER®'s American Association of Short Line and Regional Railroads Tour

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



TRANSCAER®'s Dave Buccolo provides a TRANSCAER overview highlighting the brand new Anhydrous Ammonia Training DVD in Scranton PA.

EXECUTIVE COMMITTEE and National TRANSCAER® Task Group Member and Region 4 Coordinator Dave Buccolo led the mission to educate American Short Line and Regional Railroads Association (ASLRRA) Members about the value of TRANSCAER® during three annual Regional Short Line meetings.

The mission, which involved three regional ASLRRA meetings, focused on explaining TRANSCAER's role within emergency response, along with who we are what we do and how TRANSCAER® can benefit the Shortlines and Regional's and the local communities they serve.

Buccolo participated in three separate meetings strategically planned including: the Central and Pacific meeting held in Minneapolis, MN from September 9-11, Scranton, PA during the Eastern Region from October 13-16 and then on to Birmingham, AL for the Southern Region meeting on November 11-13.

Buccolo provided an overview presentation of TRANSCAER® during each meeting at the general session to the region members followed the next day with a four hour class on Railroad HazMat first response and anhydrous ammonia for ASLRRA members and local 1st responders.

Each class was well attended with ASLRRA members and local area first responders. The response to TRANSCAER® has been very positive with many of the ASLRRA members now anxious to be actively involved in TRANSCAER®.

Buccolo and the NTTG would like to give a big thanks to Union Pacific Railroad's Ben Salo and Matt Thompson for providing a training trailer for Minneapolis and Canadian Pacific's Dale Buckholtz for helping to get the word about the classes in Minneapolis. Norfolk Southern, along with assistance from TRANSCAER®'s North Carolina's State Coordinator Bob Baxter of EPS of Vermont made the NS Training Trailer available in Scranton, PA while NTTG Member and Chairman of the TRANSCAER® Anhydrous Ammonia Training program Dave Binder of Tanner Industries, Inc., provided a truck and ammonia trailer with a driver/instructor. Ed Chapman of BNSF Railway and the TRANSCAER® Team from Norfolk Southern provided equipment and training assistance during the Birmingham meeting.

Thanks Team TRANSCAER® for all of your efforts to get the word out to our local Short Line Railroads and first responders. ■

California TRANSCAER® Team Brings the TRANSCAER® Anhydrous Ammonia Training Tour to the 2012

Continuing Challenge Hazardous Materials Emergency Response Workshop

By Scott Etzel, The Dow Chemical Company, TRANSCAER® State Coordinator for California



TRANSCAER's Dave Buccolo provides nurse tank training during the annual Continuing Challenge HazMat Conference in Sacramento, CA.

Photos Courtesy of Charlie Wright, Retired, Union Pacific Railroad

THE CALIFORNIA TRANSCAER® TEAM brought the TRANSCAER® Anhydrous Ammonia Training Tour to the 2012 the Continuing Challenge Hazardous Materials Emergency Response Workshop in Sacramento, California from September 4-7, 2012. More than 90 emergency responders received training on anhydrous ammonia and responding to incidents involving anhydrous ammonia in transportation.

The Continuing Challenge Hazardous Materials Emergency Response Workshop is an annual event

providing safe response training for emergency responders on hazardous materials incidents affecting public health and the environment. Approximately 1,000 students attended classes or events at this year's workshop. Three quarters of students are typically from California, with another approximately 10 percent coming from other Western U.S., and the balance coming from other U.S. and international locations. Almost one half of the students were firefighters, while significant other fields including: hazardous materials emergency responders,

public and environmental health inspectors and law enforcement.

The TRANSCAER® Team in California utilized a custom-made Central California Traction Company flatcar and caboose specially modified for hands-on and classroom-type training methods. The cars were transported to the workshop by a rebuilt SD59MX (environmentally cleaner) locomotive provided by Union Pacific Railroad. Training was "off campus" from the workshop, located in Old Town Sacramento on tracks and facilities provided by the California State Railroad Museum.

Three quarters of students are typically from California, with another approximately 10 percent coming from other Western U.S., and the balance coming from other U.S. and international locations.

TRANSCAER® Anhydrous Ammonia Training classes were filled with students from Sacramento City Fire, Sacramento Metro Fire and Cosumnes Fire. While Wednesday, Thursday and Friday classes were open to all Continuing Challenge workshop students.

Instructors for this training event were: Dave Buccolo (Central California Traction Company), TRANSCAER® Region 4 Coordinator; Scott Etzel (The Dow Chemical Company) TRANSCAER® State Coordinator, CA; Jennifer Johnson (Union Pacific Railroad); and David Binder (Tanner Industries) Member of National TRANSCAER® Task Group.

Feedback from students and workshop providers was very positive with many requesting more training at future workshops and taking advantage of not only the training, but also the free TRANSCAER® Anhydrous Ammonia training DVDs. ■

TRANSCAER® Reaches “The Last Frontier”

Alaska Railroad Facilitates AHMP Emergency Response Scenario

Every day, millions of gallons of hazardous materials are transported by rail in this country. Most citizens are unaware of the volume and magnitude of these daily operations. During this year’s Alliance of Hazardous Materials Professionals conference, attendees were able to witness some of the challenges responders encounter should an incident occur “on the rails.”

TRANSCAER®’s Matt Kelzenberg, Manager, Environmental Operations for Alaska Railroad Corporation, which is a member of the American Short Line and Regional Railroad Association, generously offered his expertise and assistance to facilitate equipment and the Alaska state training resource networks to provide conference attendees with the unique opportunity to view proper rail-related HazMat incident responses techniques during the 2012 Emergency Response Scenario held on September 12 in Anchorage, AK.

This year’s AHMP 2012 ERS participants were treated to a total of three separate, but integrated incidents taking place from three different response teams. The Anchorage Fire Department responded to a chemical release from a railcar and demonstrated a Level-A entry and hazard assessment along with a full scale decontamination line. The 103rd WMD Civil Support team demonstrated their capabilities resulting from the release of a bio agent including Level-A entry and a full scale decontamination line. And, the 95th Chemical Company demonstrated a passenger extraction drill donned in bunker gear and a full-scale decontamination line for potentially affected passengers.

These three demonstrations were part of a larger incident, which was addressed in the AHMP 2012 ERS tabletop exercises held earlier in the day at the conference hotel.

A special thank you goes to all of the AHMP 2012 ERS partners including TRANSCAER® and the Alaska Railroad Corporation for adding critical support services and connections for a successful program. ■



Clockwise from top: Members of the Anchorage Fire Department’s Hazardous Materials Team simulate a decontamination demonstration for participants of the AHMP Conference Emergency Response Scenario at the Alaska Railroad in Anchorage; Four-time Alaskan Iditarod Champion Martin Buser greets TRANSCAER®’s Matt C. Kelzenberg of the Alaska Railway Corporation during the AHMP Conference in Anchorage last fall; Members of the Anchorage Fire demonstrate mock train accident complete with decontamination.

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

TRANSCAER® Takes Chlorine Training a Mile-High

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



Roar Brock of Midland Manufacturing discusses the differences in the new dual-valve system as compared to the traditional chlorine valve arrangement



Above: Instructors and students examine the valve arrangement of a chlorine rail tank car. Below: Randy Rowe of ERCO Worldwide shows students the various components of a Chlorine Institute Emergency Kit "C"

THE CHLORINE INSTITUTE AND THE UNION PACIFIC RAILROAD hosted two training days at the UP North Denver Yard on W 52nd Avenue in Denver, CO on September 19-20. This training was possible thanks to a grant from the Transportation Security Administration. More than 150 people representing 53 companies took part in the well-rounded two day training event. Attendees included railroad employees, first responders, emergency response contractors, CI members, law enforcement and state and federal officials.

Task Group Chair Dan Thompson of Oxy Chemical led 20 trainers in the Mile-High City. Member companies providing trainers include: Canexus, ERCO Worldwide, Midland, Occidental, Olin, PPG, Salco, and Westlake. CHLOREP Contractor Trainers were provided by United Professional Services and Specialized Response Solutions. Other trainers were provided by Union Pacific Railroad.

Special thanks to the companies that provided equipment and training props including: DPC, ERCO Worldwide, Indian Springs, Midland (OPW), Occidental, Olin, Salco, United Professional Services, and Union Pacific Railroad. The Dow Chemical Company and The Firefighters Education Training Foundation again provided two safety trains for the event. The contribution of these safety trains greatly enhances our classroom presentations. ■



For more information about this training and other Chlorine focused events, contact Shane Fast, Vice-President, EPPS, The Chlorine Institute, Arlington, VA, 703.894.4114, sfast@CL2.com, www.chlorineinstitute.org

Terry Rockwell of Specialized Response Solutions explains proper application of the Chlorine Institute Emergency Kit "A" to first responders in Denver, CO

THANK
you!

TRANSCAER®

When we receive letters of thanks, we like to share.

From: Renee Loh [mailto:renee@ndfa.net]
Sent: Monday, July 23, 2012 9:35 AM
To: Donna Lepik; Kathleen "Kathye" Spillman (kspilman@keitu.com); Heather Patch; Tony Bacino (Tony.Bacino@gmail.com); Patrick Brady (patrick.brady@BNSF.com)
Cc: 'Dave Johnson'; Aaron Lande; Rollie Shook (RBShook@Dow.com); Frank Reiner (freiner@cl2.com); Bill Maccready (bmaccready@nctrans.com); Dave Buccolo (dbuccolo@cctrailroad.com); Ed Chapman
Subject: RE: TRANSCAER THANKS!

Good morning,

Donna, thanks for starting out the week in such tremendously positive way! Yes, please keep North Dakota on the radar for the ethanol training. As you know, North Dakota has several ethanol plants.

Words are not adequate enough to express our heartfelt appreciation to all of you for making this training possible for North Dakota. And doing the instruction facing the incredible heat! This training has been so positive, in so many ways, due to the fact that it allowed many faucets of responders to work together and network at such an important training.

NDFA is gratified that all of you enjoyed your time in North Dakota! And yes, "our state is the diamond in the rough" because our citizens work hard to make it one of the best states in the nation!

Warm regards,

*Renee Loh, Executive Director
North Dakota Firefighter's Association
6909 Aurora Loop, P.O. Box 6127
Bismarck, ND 58506-6127
701-222-2799: Office
701-400-4073: Cellular*



Joseph P. Barron
Chief

FIRE DEPARTMENT HEADQUARTERS

CITY OF QUINCY
40 QUINCY AVENUE QUINCY, MA 02169
617-376-1040

June 28, 2012

Dana Transport Inc.
210 East Essex Ave.
Avenel, NJ 07001

Dear Sir:

I am writing to thank and commend the presenters, particularly Gene Patten, for the valuable training received regarding cargo tank trailers. It is a rare opportunity for firefighters to witness the various tank trucks, with safety devices identified, including the betts emergency recovery valve in a controlled environment.

Dana's commitment to training emergency responders, utilizing knowledgeable presenters with an engaging nature, demonstrates a commitment to public safety personnel and the citizens we are charged to protect.

These personnel and training delivery are truly a credit to Dana Transport Inc.

Sincerely,

Joseph P. Barron
Joseph P. Barron
Chief

THANK YOU!

Lt. Mary Stelmokas
Hazardous Materials Coordinator
Lowell Fire Dept.
93 Mammoth Rd
Lowell, MA 01854

I would like to take this opportunity to thank all Dana Transport representatives, including PAPCO and Petro-Chemical/Keenan Advantage, who came to Lowell, MA on 6/23 for emergency response training with tank trucks. The knowledgeable drivers and hands-on demonstration they provided received many compliments from all the firefighters who participated. The Lowell Fire Department is grateful for your time and effort that you put into education first responders. **THANK YOU!**



Follow-Up

IMPORTANT UPDATE: The Chlorine Institute's Response re: TGO Inc./CHLORTANKER™

T RANSCAER® SPONSOR REPRESENTATIVE

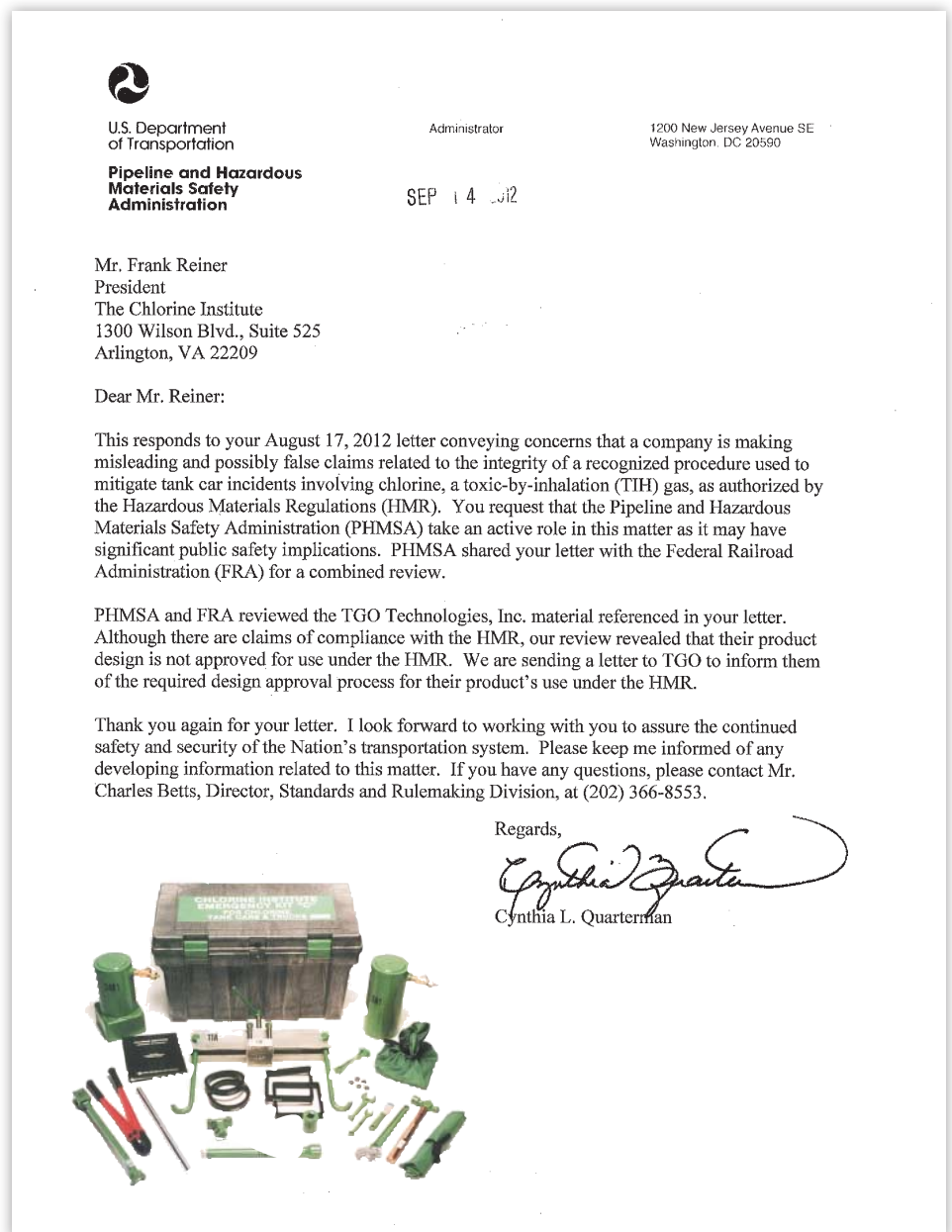
Shane Fast of The Chlorine Institute recently addressed the National TRANSCAER® Task Group Meeting in Denver, Colorado. At the meeting, Mr. Fast provided an educational overview of The Chlorine Institute C-Kit Emergency Response Tool and recent allegations regarding its safety.

According to Mr. Fast, over the past several years, a company named TGO Technologies Inc. has marketed a railcar fittings design that it developed for chlorine railcars called the CHLORTANKER™. TGO's marketing tactics have included claims which raise questions about the current emergency response protocol. These tactics have been in the form of direct mass emails to first responders and policy-makers and advertisements in the Washington Post.

As part of The Chlorine Institute's outreach, attached is a response from U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration to a request from The Chlorine Institute to review the claims of TGO Technologies in various advertisements. ■

For more information about C-Kits or The Chlorine Institute's response regarding TGO Inc./CHLORTANKER™, Contact Shane Fast, 703-894-4114 or sfast@cl2.com.

The C-Kit Bulletin is available at:
[\(Hotlink to C-Kit Bulletin\)](#)





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 Tel 703-894-4140 Fax 703-894-4130
www.chlorineinstitute.org

Just The Facts...About The C-Kit

And Why It Is Still The Right Option for Responders

In the last few months, there's been a renewed flurry of misleading and false statements about the Chlorine Institute Emergency Kit "C" (C-Kit) by TGO Technologies, a company currently marketing its own secondary containment product. At this time, there have been no recorded sales of that product.

Emergency responders across the nation, who face real risks every day, deserve to know they can continue to rely on the C-Kit and proven response procedures. Here are the facts:

Fact: The C-Kit is specifically designed for use with standard U.S. Department of Transportation (DOT) compliant chlorine tank cars and tank trucks when there is a leak associated with pressure relief devices or valves, the "fittings" atop the railcar or tank truck. Providing devices and tools for use within the housings where valves are located, C-Kits have been used safely and successfully for more than 40 years. The C-Kit was developed to provide tools to responders. The Chlorine Institute has no financial or proprietary interest in the kit.

Fact: Public and private sector emergency response personnel are trained to use C-Kits, and The Chlorine Institute provides free training through the TRANSCAER® (Transportation Community Awareness and Emergency Response) program and outreach by its members. More than 5,500 C-Kits are already in the hands of trained U.S. and Canadian emergency responders. This experience and success with the C-Kit confirms it is a proven technology for this important public safety purpose.

Fact: The Chlorine Institute's C-Kit Instruction Booklet (currently, Edition 9, January 2009) offers step-by-step guidance to responders, advises them to take pressure readings of the tank before installing C-Kit devices and clearly states the pressure limitations of the kit. The manual is available to responders free of charge.

Fact: The C-Kit has been recognized and accepted by the responder community, including the International Association of Fire Chiefs and the nation's railroads.

Fact: A new generation of rail tank cars is under development, and will soon be in use. These cars, and the 6000 cars with the current, standard fittings that will remain in service, will require C-Kits for effective response to certain emergencies.

Fact: TGO Technologies' secondary containment product has never been tested in rail service, has never been approved by the Association of American Railroads (AAR) and is not compliant with DOT regulations. Therefore, this product is not yet available for use on railroad tank cars and the concept of replacing the C-Kit with this product is ill-advised and premature.

Fact: TGO Technologies' advertisements and other communications make false claims about the C-Kit, and mislead readers into thinking its products are endorsed by leading responder organizations. TGO Technologies' products are not designed for use by responders, and are not endorsed by responder organizations.

Fact: On August 17, 2012, the Chlorine Institute asked DOT's Pipeline and Hazardous Materials Safety Administration (PHMSA), "to review the false claims and misleading statements" in TGO Technologies' marketing campaign.

Fact: The Chlorine Institute will continue to monitor TGO Technologies' marketing efforts and take action as appropriate to ensure that responders are getting accurate information so that they can continue to make the right decisions in emergency situations.

###

For more information about C-Kits and the Chlorine Institute's long-standing cooperation with the nation's responders contact Shane Fast, 703.894.4114 or sfast@cl2.com. The C-Kit Bulletin is available at: [\(Hotlink to C-Kit Bulletin\)](#)

Several ER and EM Items of Interest

National Public Safety Network Begins to Take Shape

Link to article in Government Technology:
<http://www.govtech.com/public-safety/National-Public-Safety-Network-Begins-to-Take-Shape.html>

Emergency Managers » Best Practices for Evacuating Communities

Link to article in Emergency Management:
<http://www.emergencymgmt.com/disaster/Best-Practices-Evacuating-Communities.html>

Report on Field Test: Approaching Emergency Vehicle Warning to Surrounding Vehicles

Link to report (feedback sought on results):
<http://cvt-project.ir/En/EnNewsDetail.aspx?SubjectType=109&InfoID=1144>

CANUTEC: The Emergency Response Guidebook 2012 (ERG2012) Training Package Available in HTML as well as in Microsoft Office Power Point Format

http://www.tc.gc.ca/eng/canutec/guide-training_ppt-229.htm

Centro de Información Química para Emergencias: ERG 2012 (in Spanish)

<http://www.youtube.com/watch?v=7R8N2Qoh7Ik&feature=plcp>

IAFC Explosive Cargo Safety Bulletin and HazMat Ops Resources

Operations Resources > HazMat URL:
<http://www.iafc.org/Operations/content.cfm?ItemNumber=1860&navItemNumber=584>

Document URL:
<http://www.iafc.org/files/1HAZ/hazExplosiveCargoTrucksERC.pdf> ■

DOT Issues Counterfeit Vehicle Air Bag Safety Advisory To Emergency Response Agencies

October 12, 2012 (Washington, DC)

ON OCTOBER 10, 2012, the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) issued a safety advisory to alert the public about the possibility of counterfeit air bags being installed in passenger vehicles that required a replacement due to vehicle crash.

Experts believe this issue affects less than 0.1 percent of the U.S. vehicle fleet. Only vehicles which have had an air bag replaced within the past three years by a repair shop that is not part of a new car dealership may be at risk.

The Pipeline and Hazardous Materials Safety Administration (PHMSA) is urging first responders to review the NHTSA safety advisory and take additional safety measures and precautions when responding to motor vehicle crashes involving the vehicles identified by NHTSA. PHMSA also requests that first responders notify NHTSA or PHMSA if they believe that a counterfeit airbag may have been involved in an accident.

The counterfeit air bags look nearly identical to original manufacturers' equipment parts—including bearing the insignia and branding of major automakers. NHTSA tests have shown consistent malfunctioning of these devices ranging from non-deployment of the air bag to the expulsion of metal shrapnel during deployment. NHTSA is not aware of any deaths or injuries connected to counterfeit air bags.

However, it is important to remember that air bags are considered explosive devices because of the actuators, and they must be handled and transported in accordance with the hazardous materials safety regulations. ■



U.S. Department of Transportation
1200 New Jersey Avenue, SE
Washington, DC 20590

Advisory

October 12, 2012
Contact: Jeannie Layson
Tel: 202-366-4831

On October 10, 2012, the U.S. Department of Transportation's National Highway Traffic Safety Administration (NHTSA) issued a [safety advisory](#) to alert the public about the possibility of counterfeit air bags being installed in passenger vehicles that required a replacement due to vehicle crash.

Experts believe this issue affects **less than 0.1 percent of the U.S. vehicle fleet**. Only vehicles which have had an **air bag replaced within the past three years** by a repair shop that is not part of a new car dealership may be at risk.

The Pipeline and Hazardous Materials Safety Administration (PHMSA) is urging **first responders to review the [NHTSA safety advisory](#) and take additional safety measures and precautions** when responding to motor vehicle crashes involving the [vehicles identified by NHTSA](#). PHMSA also requests that first responders notify NHTSA or [PHMSA](#) if they believe that a counterfeit airbag may have been involved in an accident.

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NHTSA is not aware of any deaths or injuries connected to counterfeit air bags. However, it is important to remember that **air bags are considered explosive devices** because of the actuators, and they must be handled and transported in accordance with the [hazardous materials safety regulations](#).

For questions about transporting these devices, please call PHMSA's [Hazardous Materials Information Center](#) at 1-800-467-4922.

For more information and updates, please visit [safercar.gov](#).

###

For questions about transporting these devices, please call PHMSA's Hazardous Materials Information Center at 1-800-467-4922.

For more information and updates, please visit [safercar.gov](#).

New NIOSH Publication on WMD Environments and Detector Use by First Responders

DHHS (NIOSH) Publication Number 2012-163
 Addendum to Components for Evaluation of Direct-Reading Monitors for Gases and Vapors: Hazard Detection in First Responder Environments



THE COMPONENTS FOR EVALUATION of Direct-Reading Monitors for Gases and Vapors (hereafter referred to as the Components document) [NIOSH 2012], presents methods to be used in evaluating direct-reading monitors* for use in workplace compliance determinations.

This Addendum to the Components document expands the applicability of the Components by presenting methods to be used in evaluating direct-reading monitors for hazard detection in First Responder environments, including those related to incidents involving weapons of mass destruction (WMD). The Addendum contains a standardized test protocol and performance acceptance criteria for evaluating commercially available, direct-reading monitors in a style similar to the Components document.

Technicians responsible for characterizing CBRNE terrorism incident sites before, during, and after entry can rely on the cited publication for critical definitions and guidelines >> <http://www.cdc.gov/niosh/docs/2012-163/> ■



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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CHLORINE INSTITUTE

EMERGENCY KIT "C"

FOR CHLORINE TANK CARS AND TANK TRUCKS



Vanguard
Self Contained Breathing Apparatus

IS
Chlorine Institute Emergency Kits
from Indian Springs Mfg. Co., Inc.

RESPONDER
Level A & B Protective Clothing

CHLORINE EMERGENCY RESPONSE

The Chlorine Institute Emergency Kit "C" is manufactured to the design specifications of The Chlorine Institute. The Emergency Kit "C" contains devices to stop leaks at the safety valve or angle valves of standard DOT 105J500W chlorine tank cars, DOT MC331 cargo tanks and DOT 51 portable tanks on chlorine service. Two instruction booklets explaining the application of each device are included. An instructional video for Kit C is also available.

Manufactured to Chlorine Institute Specifications by Indian Springs Mfg. Co., Inc.



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Item	Qty. in Kit	B-240 Bill of Material		
		Part Name	Material	Part No.
1	1	Large Pressure Relief Valve Cover	Steel	240-1-CS
2	1	2" Angle Valve Cover	Steel	240-2-CS
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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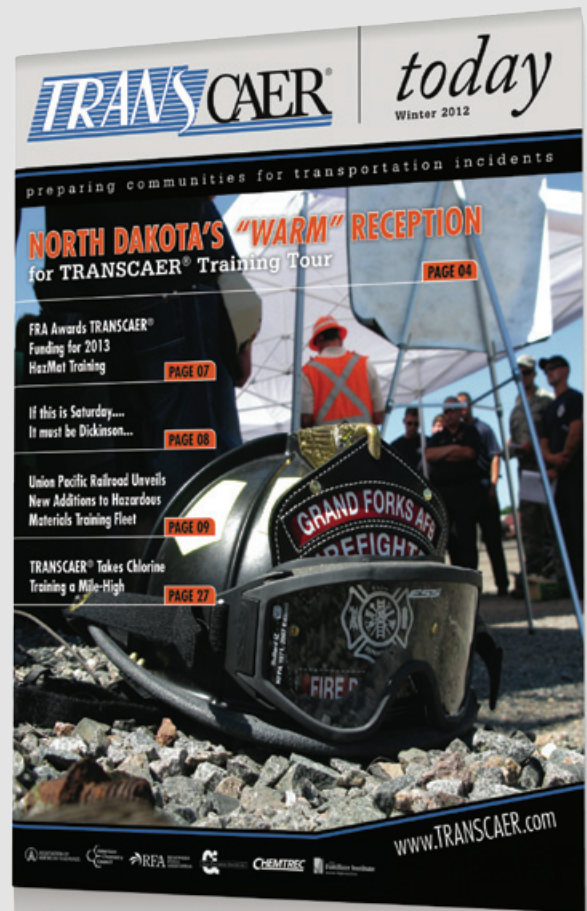
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THE TRANSCAER® MISSION IS TO:

Promote safe transportation and handling of hazardous materials

Educate and assist communities near major transportation routes about hazardous materials

Aid community emergency response planning for hazardous material transportation incidents



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