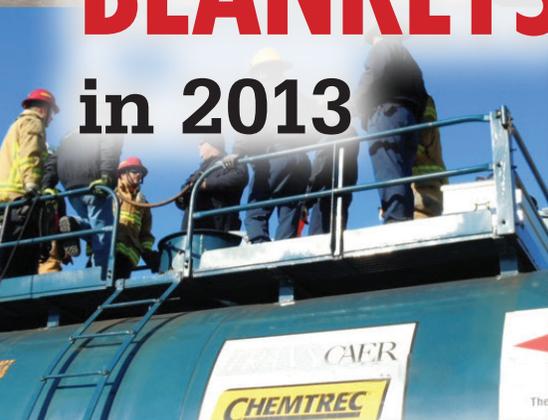


preparing communities for transportation incidents

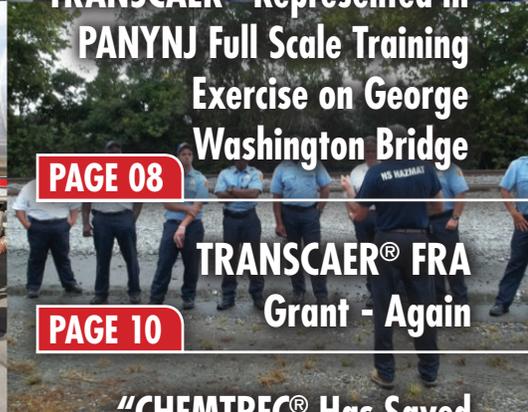
TRANSCAER® Training BLANKETS THE NATION

in 2013



Everything is BIG in Texas
Even the TRANSCAER®
Training

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TRANSCAER® Represented in
PANYNJ Full Scale Training
Exercise on George
Washington Bridge

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TRANSCAER® FRA
Grant - Again

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"CHEMTREC® Has Saved
My Bacon More
Than Once"

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www.TRANSCAER.com

Notes from the Chairman

It's All the Little Things That Count

Imagine arriving within an hour of the start of a Saturday TRANSCAER® training event only to find that one of the training props is not there. One's heart starts to race, blood pressure spikes and the angst builds. Now what? The thought process turns to immediate resolution – the training must go on!

I was faced with just that situation in Dickinson, the first stop of the TRANSCAER® 2012 North Dakota Anhydrous Ammonia Tour. It was the BNSF training tank car that was missing. I could see it in the rail yard just across the street, but it wasn't accessible. I soon learned how it's all the little things that count.

My consternation was less than subtly acknowledged by the event liaison team. Then a manager from the facility inquired if we could use their small industrial switching unit to move the training tank car from the yard. A plan was quickly put in place and the rescue accomplished. Later the manager shared that sometimes it's the smallest of things that can make the biggest difference. The event went without further hitches – a credit to the site team's thoroughness. Over thirty responders spent a morning immersed in the knowledge shared by the volunteer trainers with a rail car, nurse tank and tank truck. Each trainer's rotation offered a little more that counted toward the day's learning experiences.

You'll likely never realize the importance of your involvement with TRANSCAER®, but you can always take pride in all your support. It's easy to see that even the little things go a long way. Just think how you have helped to prepare community emergency responders to more safely and effectively respond to a future event!

Therefore, from the National TRANSCAER® Task Group Chairman, Executive Committee and Staff, we most certainly appreciate your efforts and offer our heart-felt thanks for each TRANSCAER®'s outreach contribution you make. For as you have seen, it's all the little things that count!

Thanks to quick thinking and Teamwork, a small industrial switching unit is moving BNSF's 99911 TRANSCAER® Training Car from the rail yard to the training position.

Ed Chapman

Ed Chapman, Chairman,
National TRANSCAER® Task Group
Executive Committee & BNSF Railway



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www.TRANSCAER.com

EVERYTHING IS

BIG

IN TEXAS

(Even the TRANSCAER® Training)

★
Waco

★
Pearland

★
San Antonio

Texas TRANSCAER® Team Members Provide Training in Three Communities

By Skip Parker, Service Transport Company,
Texas TRANSCAER® State Coordinator

★ San Antonio, TX

The San Antonio, Texas TRANSCAER® training outreach with The Chlorine Institute and Texas TRANSCAER® was a great success on August 14. Over 50 first responders were able to gain knowledge on Chlorine awareness as well as capping leaking containers of all sizes from rail cars down to single cylinders. ■

From top to bottom: San Antonio, TX Responders training on the one-ton Chlorine Cylinders, how to cap or control releases (Photo By: Skip Parker); San Antonio FD training on capping kits for Chlorine with OxyChem strike team. (Photo by Sandy Johnson); Participants learn how to cap leaks and operate valves. (Photo By: Skip Parker)





★ Pearland, TX

On November 9, the Pearland, TX training outreach was a special event. It involved responders from the Pearland Fire Department as well as other area Volunteer Fire Department. Over 70 trained during this outreach effort. Pearland Fire Department's Chief Jason Jackson hosted The Chlorine Emergency Response classroom training with OXY personnel Justin Cox, Travis Wedgman and Texas TRANSCAER® board member Tim Lancelin. Patrick Brady of BNSF Railway was also on-hand to provide a detailed presentation on railroad emergency response and recognition of hazards and responsibilities for rail emergencies. Skip Parker of Service Transport Company and Texas TRANSCAER® state coordinator, presented on Liquid Bulk Cargo Tanks and the different types of tanks on the roadways and how to recognize what type of container they are. Finally, Julio Vasquez prepared everyone with a safety video for Third Coast Terminals facility for orientation prior to arriving at his facility that afternoon for hands-on training with rail cars again presented by Patrick Brady of BNSF Railway and cargo tanks presented by Bill Hartt with Service Transport Company. Additionally, training was offered on use of the "Betts Valve". Third Coast Terminals along with SolvChem sponsored the training outreach as well. A Big Texas Thank You to Michael Brantley for SolvChem's contributions for this training. TRANSCAER® provided a \$1,000 grant to the Pearland Fire Department for this training. ■



Photos By: Skip Parker and Pearland Participants
 From top to bottom: Patrick Brady of BNSF Railway provides training on Rail Cars - Participants get hands-on training about how a rail car works; Classroom Training - Trainees receiving chlorine, rail car and tank truck instructions; Training on Betts Valve use, assembly and purpose.



Photos By: Skip Parker

From top to bottom: Chlorine Rail Car Training utilizing the Dow Safety Train. How to control a release by understanding valves and capping kits; Dome and valve assembly training on the flat car utilizing the Dow Safety Train and Union Pacific locomotive. Responders are instructed on how to use valves and capping devices to stop or control releases; and Union Pacific locomotive utilizing the Dow Safety Train. Responders are instructed on the intricacies of locomotives, electrical systems, fuel shut down fuel capacities, etc.

★ Waco, TX

The Texas TRANSCAER® Waco training was one of the most effective outreach opportunities in Texas TRANSCAER®'s history. The Team provided training to over 100 participants on a beautiful November 13 day. Chief Paul Simmons first contacted TRANSCAER® about scheduling a training. After several attempts to nail down a date, the training paid off. Waco Fire was awarded a \$1,000 TRANSCAER® Grant to help offset the expenses involved in this outreach.

Training was divided into four groups: Alpha, Bravo, Charlie and Delta and even at that level, the groups were large and further broken down into two small groups. This proved to be very successful in providing good hands-on training with the Dow Chemical Safety Train as well as two different type Cargo Tanks. Michael Moore with Union Pacific was able to secure the Dow Safety train for this outreach which has so many areas to teach on with several tank cars and the flat car with all the different domes. The UP locomotive

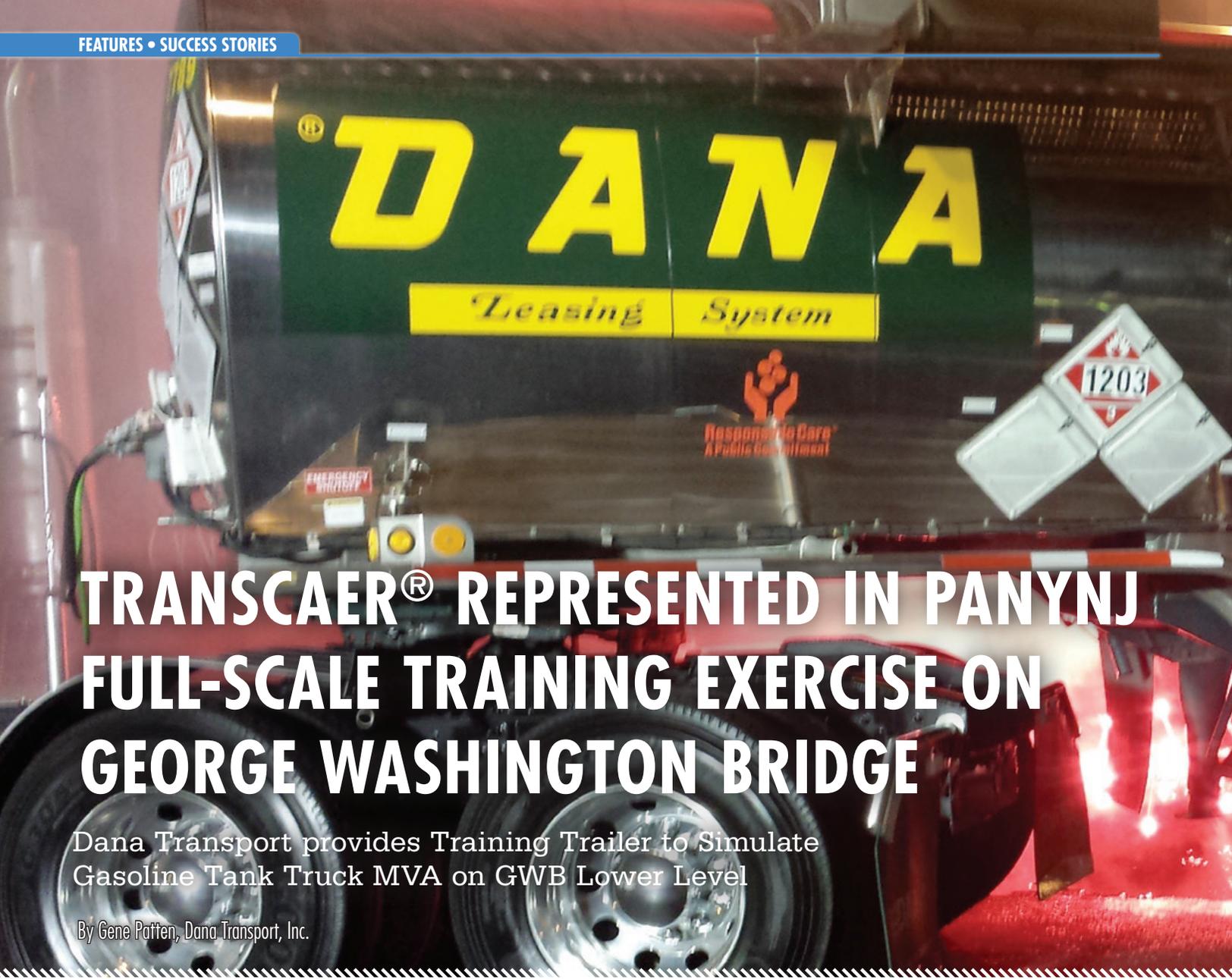
was also on hand for the responders training. Trainers for Waco included:

- Justin Cox and Travis Wedgman, Oxy Vinyls
- Michael Moore, Union Pacific Railroad
- Patrick Brady, BNSF Railway
- Butch Beardsley and Tracy Clark, United Professional Services
- Mike Barger, Schneider National Bulk Carriers
- William Hartt, Jamal Davis and Skip Parker, Service Transport Company

Several engineers that were on the property jumped in as well to offer their expertise on the locomotive itself to train responders while in turn, obtaining training on other areas of transportation for themselves.

A special thank you goes out to Michael Moore of Union Pacific who prepared the training site at the Bellmead rail yard for this training and provided a lot of support for this outreach other than as an instructor. ■




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TRANSCAER® REPRESENTED IN PANYNJ FULL-SCALE TRAINING EXERCISE ON GEORGE WASHINGTON BRIDGE

Dana Transport provides Training Trailer to Simulate Gasoline Tank Truck MVA on GWB Lower Level

By Gene Patten, Dana Transport, Inc.

A FULL-SCALE TRAINING EXERCISE (“FSE”) involving a fuel tanker explosion, multiple vehicle accidents and potential structural damage, was staged at 3:00 AM the morning of October 6th on the lower level of the George Washington Bridge. The primary focus of the FSE was to validate procedures developed for the initial response that pertain to incident management, interoperable communications, assessment of the incident, law enforcement, fire, rescue, and medical operations.

Dana Transport, a well-known bulk chemical transporter and strong supporter of the TRANSCAER® program, was invited to support the FSE with their multi-modal cargo tank-training trailer. The training trailer was rigged to simulate a leaking tank trailer and gasoline fire stemming from a motor vehicle

accident mid-span on the GWB lower level, at the NY & NJ state lines. “We did not hesitate to participate in this FSE,” said Gene Patten, Dana’s TRANSCAER® Region I Coordinator, “and have done so at several other training exercises throughout the nation over the past several years.” Patten, who was present at the FSE, along with Dana Driver Robert Richards, added, “We have never been involved in such an intense training exercise. The simulations were very realistic and well-coordinated by the Port Authority of New York and New Jersey!”

Ron Dana, President of the Dana companies, personally worked to ensure the training trailer, driver and tractor were arranged and prepped in time for the FSE.

An estimated 50 volunteers were staged at various

points as accident casualties and approximately 30 mannequins were used to simulate fatalities. Four buses and 12 passenger vehicles were staged as multiple MVAs.

Some of the many participants in the FSE included: Port Authority P.D., American Red Cross, Fort Lee F.D. and P.D. and OEM, FDNY, NYPD, NYC MTA, NJ State Police, and FBI (NY/NJ). ■

Photos by Gene Patten, Dana Transport and PANYNJ Staff Photographer.

Main Photo: Norfolk Southern’s 6920 Veterans Locomotive with the spent nuclear fuel container attached prepares for a drill in Fort Wayne, Ind.

Clockwise from top left: Firefighters prepare to use “jaws of life” to extract motor vehicle accident victim as part of the staged training event; Firefighters assess leaking valve on cargo tank trailer as part of the staged training event; Firefighters prepare gurney for volunteer victims during FSE; FDNY Firefighters Repair Simulated Leaking Valve of Cargo Tank Trailer.



Announcing

TRANSCAER®

Earns \$75K FRA GRANT...AGAIN!

FRA Recognizes TRANSCAER® Training with New \$75K Grant

By Donna L. Lepik, TRANSCAER®/CHEMTREC®

THE FEDERAL RAILROAD ADMINISTRATION (FRA), Office of Safety Assurances and Compliance, notified TRANSCAER® on September 26, 2013 of their final approval for another \$75,000 Railroad Safety Programs grant for 2013-2014. This is the fifth consecutive year FRA has awarded TRANSCAER® with a training grant to assist with providing emergency responders with hazardous materials transportation training specific to Short Line, Regional and Class 1 rail operations.

This year, the TRANSCAER® FRA Grant is earmarked for 20 TRANSCAER® Trainings, which will be focusing on Chlorine, Ethanol and Crude Oil. TRANSCAER® Team Members who will be hosting FRA Grant funded trainings this fiscal year are: The Chlorine Institute, the Renewable Fuels Association and the North Dakota Firefighter's Association. ■

Watch for more details about TRANSCAER® FRA Grant Trainings at:
<http://www.transcaer.com/events.aspx>

Chlorine Safety Training Short Line Tour Gets Support from FRA Grant through TRANSCAER®

By Cindy Kuranchie-Asiedu, The Chlorine Institute

LAST YEAR, THE CHLORINE INSTITUTE through TRANSCAER® was issued a grant by the Federal Railroad Administration (FRA) to conduct chlorine emergency response training. This year, the FRA has once again agreed to fund another grant for \$30K through TRANSCAER® specific for chlorine response. The training will be hosted by short line railroads across the United States.

Through this training, industry experts will provide valuable instruction for handling chlorine emergencies safely. Participants have the opportunity to familiarize themselves with chlorine cylinders, ton containers, tank cars and The Chlorine Institute's Emergency Kits A, B, and C. Also, participants receive reference materials including a DVD containing all classroom and workshop presentations. Upon completion of the training, participants receive a certificate.

A preliminary schedule has been set for 2014, with training to begin this winter and run through the summer. The first stop for the 2014 chlorine short line tour will be Gastonia, North Carolina in February/March, followed by Oakland and Los Angeles, California in April/May, Pittsburgh, Pennsylvania in June, and finally Indianapolis, Indiana, and Minneapolis/St. Paul, Minnesota in July/August. Exact dates will be provided in the near future. ■

Visit www.transcaer.com for more details.

Ethanol Safety Seminars Could be Coming to a State Near You

Coming to Tennessee, Oklahoma,
Missouri, Kansas, Alabama &
Massachusetts

By Missy Ruff, Renewable Fuels Association

THE RENEWABLE FUELS ASSOCIATION (RFA) THROUGH TRANSCAER® has been awarded a \$40,000 grant from the Federal Railroad Administration (FRA) to hold Ethanol Safety Seminars across the country in conjunction with short line railroads. Commended as invaluable learning experiences, the seminars are meant to instruct attendees on how to respond to an ethanol emergency through training experience that they can put to use immediately in the field as well as pass along to other emergency response teams. While the seminars focus on instructing first responders, the public is more than welcome to join. These seminars will be classroom style training that includes PowerPoint presentations, videos, interaction and information exchange between the communities present, the instructor, and industry personnel. A DVD copy of the ethanol training program and certificates of attendance are handed out to all attendees.

The RFA & TRANSCAER® have created partnerships with the following short line railroads to hold 24 Ethanol Safety Seminars within the next year. Upcoming seminars include:

Nashville, Tenn.	Nashville & Western Railroad
Knoxville, Tenn.	Knoxville & Holston River Railroad
Oklahoma City, Okla.	Stillwater Central Railroad
Tulsa, Okla.	South Kansas & Ohio Railroad
St. Louis, Mo.	Alton Southern Railway Company
Joplin, Mo.	Missouri & Northern Arkansas Railroad
Kansas City, Mo.	Missouri & Northern Arkansas Railroad
Salina, Kan.	Kansas & Oklahoma Railroad
Wichita, Kan.	Kansas & Oklahoma Railroad
Tuscaloosa, Ala.	Alabama Southern Railroad
Prattville, Ala.	Autauga Northern Railroad
Boston, Mass.	Fore River Transportation Corporation

These Ethanol Safety Seminars will focus on numerous important areas of ethanol safety including:

- introduction to 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 fuel emergencies
- tank farm and bulk storage fire incidents

Visit www.EthanolResponse.com for a list of dates for each of these seminar locations. If you have any questions or would like to request a DVD copy of the ethanol training program, email Safety@EthanolRFA.org. ■

TRANSCAER® Teams with North Dakota Firefighter's Association to Host Crude Oil Training in 2014

By Renee Loh, North Dakota Firefighter's Association

WHEN YOU RECEIVE GOOD NEWS, it is important to spread the word to the first responders! The North Dakota Firefighter's Association was recently thrilled with the news that the state was selected to receive a \$5,000 grant through TRANSCAER® from the Federal Railroad Administration to hold six TRANSCAER® Petroleum Crude Oil Seminars across the state in 2014.

This grant comes at an opportune time for the first responders of North Dakota. This vital training will provide first-hand knowledge of crude oil safety, the chemical and physical characteristics, transportation and transfer of this fuel along with firefighting attack principals.

Firefighters have expressed great interest with the North Dakota Firefighter's Association office concerning the 2013-2014 Federal Railroad Administration Grant for TRANSCAER® trainings. Collaborating with both short line railroads, as well as the Class 1 railroads is an added benefit.

This partnership will provide and engage training opportunities for short line railroads, both public and private first responders, emergency management and others at the local, state, and federal level. It will enhance their knowledge regarding the planning, preparedness, mitigation and the recovery to crude oil emergencies. The North Dakota firefighters provide first response services to the businesses and industries that rely so heavily on the production, use, storage, and transportation of crude oil. This instruction will provide the knowledge base and guidance necessary when responding to incidents.

Petroleum crude oil continues to have a large role in the North Dakota economy with a record 911,242 barrels a day reported in October and predictions production will continue to increase. Currently, 66% of the state's crude oil is railed out of state with most of the crude oil transported to the East, West and Gulf Coast destinations. These trains are delivering the crude oil to other destinations throughout the nation so trains must traverse the North Dakota communities that the firefighters protect.

On behalf of the North Dakota firefighters, the North Dakota Firefighter's Association sends our heartfelt appreciation for this timely funding. ■



TRANSCAER® Says “THANKS” to Key Supporters

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

SOME KEY TRANSCAER® supporters were recently recognized for their on-going contributions for helping to ensure responders and their communities are prepared to respond to a possible hazardous material incident during a dinner reception on June 26 at the American Chemistry Council in Washington, DC.

The evening’s recognition reception began with Rollie Shook, of The Dow Chemical Company and TRANSCAER®’s Past Chairman, presenting **Timothy P. Butters**, former Chair of the HazMat Committee at the International Association of Fire Chiefs with the 2012 TRANSCAER® Chairman’s Award. Butters, who was accompanied to the event by his wife Anne G. Ball and their daughter Emily, was recognized for his long-time commitment to TRANSCAER® and for his achievements in advocating the principles of TRANSCAER®, including transportation safety, community assistance and emergency response planning and aid.



Clockwise from top: TRANSCAER®’s Past Chairman Rollie Shook presents Timothy P. Butters and his family with the 2012 TRANSCAER® Chairman’s Award; The 2012 TRANSCAER® Chairman’s Award; TRANSCAER®’s Chairman Ed Chapman of BNSF Railway thanks “behind the scenes” team Rick Russell, Christopher Rollins, Frantz Casimir and Janeth Arrazabal.

TRANSCAER®’s current Chairman, Ed Chapman of BNSF Railway, was also on hand to say “THANK YOU” to TRANSCAER®’s National Sponsors for their generous commitment to ensuring the National outreach effort remains a top priority in ensuring safety and hazardous materials response training continues throughout the nation. The national TRANSCAER® National Sponsors acknowledged include the **Association of American Railroads**, the **American Chemistry Council/Responsible Care®**, **CHEMTREC®**, **The Chlorine Institute, Inc.**, **The Fertilizer Institute**, and the **Renewable Fuels Association**.

Chapman also shared some heartfelt statements of appreciation for several dedicated colleagues who serve in “behind the scenes” roles supporting TRANSCAER®’s national efforts in Washington, DC. Recognized for their “can do attitude” include **Janeth Arrazabal** of CHEMTREC® and **Frantz Casimir**, **Rick Russell** and **Christopher Rollins** of Swiss Post Solutions.

Frank Reiner, **Don Evans**, **Cara Barrett**, **Bob Fronczak**, **Tom Schick**, **Chris Hawley**, **Tommy Hicks**, **John Conley**, **Randy Speight**, **Tonya Schreiber**, **Ray O’Byryan**, **Carl Reynolds**, **Henry Ward**, **Traci Shook** and **Donna L. Lepik** were also on-hand to enjoy the evening’s dinner event.

“CHEMTREC® Has Saved My Bacon More Than Once”

By Donna L. Lepik, Director of Outreach & Special Programs, CHEMTREC®

YOU MIGHT IMAGINE after serving as CHEMTREC®’s Director of Outreach & Special Programs for the past six years and engaging in hundreds of hazardous materials conferences from Sacramento, CA to Plymouth, MA, I have heard just about anything and everything. However, after meeting thousands of responders from coast to coast, the one comment that still seems to resonate the loudest and the one comment that best sums up CHEMTREC®’s value for the response community is without question the one that was shared with me during the FDIC Firefighting Training Conference in Indianapolis, Indiana. During this fire conference and exposition, a seasoned Midwestern HazMat Technician casually approached the joint CHEMTREC®/TRANSCAER® booth, reached his hand out to secure his coveted traditional yellow CHEMTREC® key tag and shared: *“CHEMTREC® has saved my bacon more than once!”*

For the past four decades, CHEMTREC®, which is a service of the American Chemistry Council, has been *“saving lots of bacon”* as the definitive information resource and solutions provider for hazardous materials and dangerous goods response. “For over 42 years — 24 hours a day — every day, CHEMTREC® has provided free, timely and crucial information to responders having to deal with hazardous materials incidents”, said Randy Speight, CHEMTREC®’s managing director.

CHEMTREC®’s connection to industry links to the largest network of chemical and hazardous material subject matter experts in the world, including chemical and response specialists, public emergency services and private contractors.

CHEMTREC® offers a broad range of critical resources that can help emergency responders mitigate incidents involving hazardous materials, such as:

- A round-the-clock communications center staffed by trained and experienced emergency service specialists;
- Immediate access to thousands of chemical product specialists and hazardous materials experts through CHEMTREC®’s database of over 30,000 manufacturers, shippers, carriers, public organizations and private resources;
- A state-of-the-art telecommunications system that supports the virtual emergency response team, seamlessly linking on-scene responders with chemical experts, transportation companies, and medical experts;
- An expansive electronic library of over 5 million Safety Data Sheets (SDS);
- 24/7 immediate access to medical experts and chemical toxicologists who provide advice and emergency medical treatment assistance to on-scene medical professionals treating victims of product exposure; and
- Interpretation capabilities for more than 180 languages in the event of an emergency involving non-English speaking stakeholders.

By having an on-going commitment to continue ensuring that all responders know and understand the value of including the CHEMTREC® into community response planning, three newly refreshed CHEMTREC® videos for Emergency Responders are now available

online at <http://www.americanchemistry.com/Safety/TransportationSafety/CHEMTREC>. These FREE instructional videos are available for download on the CHEMTREC® and the American Chemistry Council’s web sites.

All three of these videos are also available on one FREE DVD. If you are interested in receiving a copy of this DVD, send your request along with your proper shipping information to dlepik@CHEMTREC.com.

“CHEMTREC’s vision is to continue to be recognized by emergency responders, industry, government, and others as the world’s foremost emergency call center for information on hazardous materials and dangerous goods,” stated Speight. “CHEMTREC® will be successful when every single emergency responder knows CHEMTREC®’s telephone number by heart and takes advantage of the resources we have to offer.”

If you are interested in scheduling a FREE training drill or exercise with CHEMTREC®, call our customer service staff at 1-800-262-8200, or from outside the USA or Canada at +1-703-741-5500. During an incident involving hazardous materials such as spills, leaks, fire, exposures or accidents, call CHEMTREC®’s emergency center at 1-800-424-9300.

CHEMTREC® is a national sponsor of TRANSCAER®. CHEMTREC® is also a cost-effective method to assist shippers of hazardous materials with compliance with government regulations.

For more information about CHEMTREC®, visit us at www.CHEMTREC.com.

DOWNLOAD TODAY! CHEMTREC®’s Videos for Emergency Responders!

DOWNLOAD All Three FREE Training Videos @ <http://www.americanchemistry.com/Safety/TransportationSafety/CHEMTREC>



Video 1 An Overview of CHEMTREC®



Video 2 How CHEMTREC® Helps First Responders



Video 3 What’s Being Said About CHEMTREC®



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Meet Our Team

Meet Our TRANSCAER® Team Members - State Coordinators



FRANK DOCIMO

**Hazardous Material Coordinator
Senior Staff
Wisconsin Emergency Management
Madison, WI
frank.docimo@wisconsin.gov**

Wisconsin

Frank Docimo is the new State Hazardous Material Training Coordinator- Senior Staff with Wisconsin Emergency Management.

Frank has been affiliated with the fire service for over 40 years and as of last July 1, 2012 I retired from HazMat One in the City of Stamford, CT.

Frank has lectured at many national conferences including the Fire Department Instructors Conference, International Association of Hazardous Materials Instructors, Hazardous Materials Team Conference, and the FEMA Region Five Conference. His client list includes the US Army, US Air Force, CIA, Several CST Teams, US Capital HazMat Response Team and the National Security Agency.

In 1992, Frank was honored with two prestigious training awards. Frank received the Connecticut Instructor of the Year

Award and he was also recognized for his expertise and skills as a teacher when he was awarded the National Instructor of the Year for 1992. In 2001, Frank was honored by receiving the "In the Zone Award" for his many years of service protecting responders through the educational process during the HOT ZONE Conference in Texas.

In the fall of 1998, Frank was selected as a subject matter expert to participate in a needs assessment and formulation of curriculum for the nation's responders to terrorist activities. The workshop entitled Emergency Response to Terrorism; Tactical Considerations was a joint project of the National Fire Academy, FEMA and the Bureau of Justice.



RICTOR OVERLI

**Switchman/Yardmaster
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Washington

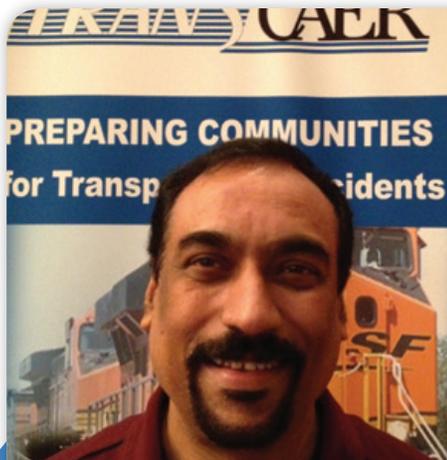
My name is Rictor (Ric) Overlie. I am excited to be a new State Coordinator for TRANSCAER® in Washington State. I am married to my wife Debi, for the last 37 years, we have three grown children and two grandchildren. We live in rural Thurston County.

For the past 43 years, I have worked with BNSF Railway at various locations and positions in operations. I am a veteran of the Army National Guard and a former reserve for police and Sheriff Departments. I continue my relationship with the local chapter of the American Red Cross as a presenter for Operation Lifesaver RSER program. I also serve as an instructor for CPR/AED/First aid for ARC and National Safety Council. I have an associate degree in transportation management and a bachelors of arts from Evergreen State College. I am currently taking classes from

NLC and AMU working towards a BS in Emergency Management/Health and Safety and my masters in HLS/Transportation issues. I am a volunteer firefighter/EMT/Red Card (wild land) and HAZMAT Tech/Tank Car Specialist. I also serve as a peer instructor for DOT HAZMAT Awareness for Railroad Workers and Awareness/Operations for the fire service. In addition, I am the Chairman for the Pierce County Local Emergency Planning Committee (LEPC).

I am currently also part way through the Master Exercise Planning at FEMA's Emergency Management Institute (EMI) in Maryland. I plan and facilitate workshops, tabletop, drills and exercises for the responders and our communities.

My hobbies when time allows are woodworking, hiking, travel and competing in fun runs.



SWAPAN K. SAHA, PH.D.
 Environmental Scientist
 Kansas Division of Emergency
 Management (KDEM)
 The Adjutant General's
 Department
 Topeka, KS
 SWAPAN.K.SAHA.NFG@MAIL.MIL

Kansas

My responsibilities at KDEM include a wide spectrum emergency management including administration of the HMEP Grant Program, development/review of plans for off-site radiological emergencies in relation to a nuclear power plant, serve as a radiation safety officer, work with LEPC, local government officials and other agencies to enhance HazMat preparedness in Kansas, and represent KDEM at Emergency Support Function (ESF-5), formal and ad hoc committees, meetings, and conferences.

Prior to joining KDEM, I worked at the Kansas Department of Health and Environment as a Senior Research Analyst where I was instrumental in expanding the Kansas Health Information System (KHIS) database and developed several protocols and procedures related to large data collection and processing, methods of data analysis, initiated several research projects, prepared research articles and reports to support management and policymakers to make informed decision on health policy issues, and reviewed work for interdisciplinary projects.

My experience in chemistry includes over 15 years of extensive research in reaction mechanism and catalysis, including homogeneous, industrial, and enzyme catalysis. During this

time I developed and executed several innovative research projects, wrote grant proposals, published research work in scientific journals and evaluated work of peers. The research institutions I have worked at are - University of Kansas, Kent State University, National Chemical Laboratory (India), and Indian Institute for the Cultivation of Science (India).

I earned my Ph.D. in Chemistry from Jadavpur University (India), contributed to 32 scientific research publications in chemistry/biochemistry/catalysis, and developed a patent in industrial catalysis. I have earned my Masters degree in Health Services Administration (MHSA) from the University of Kansas. I'm a graduate of the Kansas Public Health Leadership Institute (KPHLI). I have served as a reviewer for the international journal *Biochimica Biophysica Acta* and as a mentor for the KPHLI program. I'm a Member of the Regional Response Team, member of the National SARA Title III Program Officials, past member of the American Chemical Society.

My hobbies include bridge, exploring culinary diversity from different parts of the world, watching classic movies.



JOHN EMMINIZER
 Chief, Emergency Operations
 District Department of
 the Environment
 Washington, DC
 john.emminizer@dc.gov

Washington, DC

John Emminizer is presently the Chief of Emergency Operations for the District Department of the Environment in Washington, DC.

Mr. Emminizer is responsible for the management of the agencies Environmental Emergency Response Program and oversees all of the agencies emergency response and management teams.

Emminizer has spent the majority of his almost 25-year career as an Environmental, Health and Safety Professional with specific focus on the Management of Hazardous Materials and Emergency Management.

In addition to his EHS experience, he has 24-years of experience in the fire service. John currently serves with the Providence Volunteer Fire Company in

Baltimore County, MD and is currently working part time with University of Maryland as a Rescue and Hazardous Materials Program Instructor.

Mr. Emminizer joined TRANSCAER® in 2013 as the State Coordinator for the District of Columbia.

His goal as State Coordinator for Washington, DC is to increase coordination and communications between government response agencies and our private sector partners to ensure the highest level of preparedness possible for the District of Columbia.



JOAQUIN SILVIA

Bridgeport Fire Department

P/E Rescue 5-B

Winsted, CT

joaquin.silvia@bridgeportct.gov

Connecticut

My name is Joaquin Silvia, I usually go by Jack. I work for the City of Bridgeport Fire Department as an Pumper Engineer on Rescue Company 5. I am currently in my 15th year on the job and love every minute of the time I have spent here. I was involved with the forest fire service, volunteer fire fighter (Frankford Township), and worked as an EMT (Blue Ridge Rescue) in NJ prior to moving to CT for this job. In my spare time I am also part of the Connecticut Region 2 Incident Management Team in the Operations Section. I am Operations Chief, Logistics Chief, and Planning Chief Certified. I achieved the Certified in Homeland Security Rank of Level 4 (CHS LV4), I am also Homeland Security Exercise and Evaluation Program certified. I worked with several EMD's in CT writing and working as an evaluator for our functional exercise that included 13 towns in CT (gridlock exercise). It was a great experience to come up with scenarios for the 13 towns and then get the chance to sit in an EOC to watch it all play out and evaluate how they did.

For hobbies I am a Rock/Ice Climber, enjoy taking my motorcycle out on the racetrack for track days, nothing feels better then doing triple digit speeds

and dragging a knee through a corner!! I am also a NRA Certified Firearm Instructor, was involved in some IDPA competition shooting and managed a 5th place finish in Mass my 2nd time out. I have a wonderful and very patient and understanding wife, and two beautiful daughters who I love to spend as much time with as possible.

My interests vary as you can tell by this short and somewhat condensed list of things I enjoy doing, but I am always interested in Homeland Security training, protecting the community's I live in and serve and becoming the best that I can be.

What I would like to accomplish as the TRANSCAER® Coordinator for the State of Connecticut would be to offer a great training program to every aspect of emergency workers, first responders and anyone that would benefit from the deep knowledge base imparted on me through the TRANSCAER® program. I would like to get this information out so that we as the First Responder community can face the new challenges we encounter with relevant information and training. I want CT to be prepared for emergency's that deal with the chemicals and transportation methods that the chemical manufacturers and transportation providers have deemed so relevant to us, they decided to put this training out there for us to use to save lives and property. I am excited to be in this position and work with such a high level of expertise to get this program up and running!

Certifications include:

- **ABCH Level IV Cert in Homeland Security.**
- **CHS-National Incident Management Team (Homeland Security)**
- **Incident Management Team Region 2 Operation Section.**

National TRANSCAER® Task Group Member Obligations

National TRANSCAER® Task Group Members agree to the following:

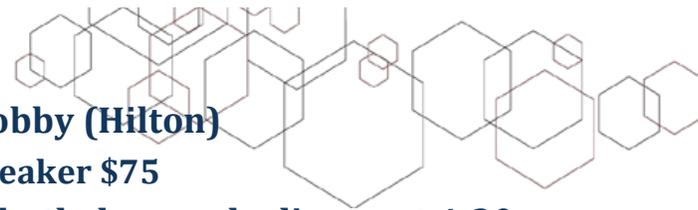
- ★ *Members must attend NTTG meetings, which are held a minimum of four times a year. Substituting an alternate is discouraged and should be used only for imperative absences with advance notice to the Chair and Staff Executive. A member absent from three consecutive meetings, regardless of coverage 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.*



ACC Member & Responsible Care® Partner Supply Chain Workshop

January 14-15, 2014

2014 will bring new and continuing challenges to chemical producers and their supply chain partners. This 2-day event is designed to include supply chain focused presentations and discussions in EHS&S areas of mutual interest to both professionals and managers working within ACC member and Responsible Care® Partner organizations. Registration includes a reception on the evening of January 14. All ACC members and Responsible Care® Partners are welcome to attend.



Venue: Doubletree Houston Hobby (Hilton)

Fee: Member/Partner - \$175; Speaker \$75

Sessions will begin at 8:00 am both days and adjourn at 4:30 pm

Topics of discussion will include:

Shipper Supply Chain Concerns Today

CSA – Impact on a Member & Partner

Rail Safety

Issues Facing a 3PLs Today

Haz Mat Regulatory Activity Update

Integrating Responsible Care® into Corporate Logistics Organizations

Driver Safety Excellent Practices

CHEMTREC®

Sector Business Value Work Groups – Members & Partners

International Logistics and Certification in the Supply Chain

How to do Business with My Company - shipper

Questions: Dave Gleason, Senior Director Dave_Gleason@americanchemistry.com

Registration: Katie Gissendanner, Coordinator Katie_Gissendanner@americanchemistry.com

Dress is business casual throughout the workshop.

Norfolk Southern and BASF Sponsor Southern Tour

Article By Paul Williams, Norfolk Southern Photos By William Oertly, Norfolk Southern



Norfolk Southern and BASF provide Greensboro and High Point, NC Fire Department with hands-on training using BASF's training tank car affectionately known as, "Mr. T"

BOTH NORFOLK SOUTHERN (NS) AND BASF consider emergency preparedness education an essential element of responsible corporate citizenship and sustainable business growth. While the rail transportation of hazardous materials is very safe, both NS and BASF are dedicated to providing emergency training on the unique aspects of railroad equipment and how it operates to rail corridor area emergency responders, police departments, and fire departments in the unlikely event of an accident or incident.

As part of this commitment, BASF and NS partnered this summer to provide hands-on training to emergency responders in Greensboro, NC, Charlotte, NC, Greenville, SC, and Irondale, AL. Between June 11 and August 8, 2013 BASF's training tank car, "Mr. T", visited these four locations and provided training to over 350 emergency responders from over 28 different departments. This training was provided through TRANSCAER® (Transportation Community Awareness and Emergency Response), a consortium of companies from the chemical and rail industries that voluntarily assist communities in preparing for and responding to a possible hazardous material transportation incident. Emergency responders play a critical role in protecting the public's safety and security, and TRANSCAER® programs bring them the information and training they need to prepare for and respond to a chemical transportation incident.

BASF and NS provided instructors for a classroom session covering response issues that are unique to the railroad environment as well as training on "Mr. T," which is equipped with multiple domes on top to allow responders to understand the look and function of various valves and fittings. Responders can also go inside Mr. T to view samples and cutaways of valves and to examine the underside of the valves and fittings on top.

Using "Mr. T", responders were trained on the various types of tank car valves and fitting and were given instruction and an opportunity to change "O" rings on a leaking (air) spring loaded safety relief valve under pressure. They were shown the different parts of a tank cars running gear, brake system, and couplers, and shown how to properly apply handbrakes. They also were briefed on the dangers involved with emergency equipment when coming up on grade crossings while responding to regular emergencies.

This will mark the 6th year that the Norfolk Southern railway and BASF partnered training events have occurred, and there is full expectation from both companies that this important outreach activity will continue in the future as well. ■



The Chlorine Institute's TRANSCAER® 2013 Short Line Tour

Covers Illinois, Indiana, New Jersey, New York, Louisiana, Texas, Florida

By Cindy Kuranchie-Asiedu, The Chlorine Institute



Joe Pawlik (Alexander Chemical) and Josh Hewitt (Alexander Chemical) show students how to properly use the B-Kit.

Photo by: Cindy Kuranchie-Asiedu, The Chlorine Institute

THIS SUMMER, THE CHLORINE INSTITUTE (CI) members and short line railroads partnered to provide TRANSCAER® Chlorine Emergency Response training to first responders in several states including Illinois, Indiana, New Jersey, New York, Louisiana, Texas and Florida. Because of the combined efforts from CI members and the short line railroads, 375 emergency responders and plant operators received training.

The training was partially funded by a grant from the Federal Railroad Administration and was a great success thanks to the hard work of CI member companies, CHLOREP Level III contractors, suppliers and other volunteers. Student participation consisted of local fire and police departments, and government agencies such as the Environmental Protection Agency, the Department of Homeland Security and the Transportation Security Administration. Training topics included chlorine properties, tank car safety and

emergency response, and use of emergency kits A, B and C to mitigate cylinder, ton-container and rail tank car valve leaks. Participants received classroom and hands-on training. The new A-Kit and B-Kit prototype were a big hit, based on participant feedback.

Thank you to all CI member companies, contractors, suppliers and other volunteers including: ERCO Worldwide, Alexander Chemical, Midland Manufacturing, Brenntag, Indian Springs, Westlake, UPS, USES, OxyVinyls, SWS Environmental, DPC, Olin, Dow Chemical, Allied Universal, JCI Jones, Kuehne Chemical, SunPro, the Louisiana State Police and the Firefighters Education and Training Foundation for providing instructors, training props and equipment. Also a special thanks to the State and Regional TRANSCAER® Coordinators and all the short line rail roads that hosted the events including: Indiana Harbor Belt, Baton Rouge Southern, Louisiana Southern, First Coast Railroad, Conrail, and San Antonio Central. ■



Top to bottom: SAN ANTONIO CENTRAL RAILROAD TRAINING: Tracy Clark (UPS) and first responders at Chlorine Tank Car module; Mike Garza (OxyVinyls) and first responders at A-Kit module. Photos by: Cindy Kuranchie-Asiedu, The Chlorine Institute; Butch Warden (SWS Environmental), Cindy Kuranchie (The Chlorine Institute), Justin Cox (OxyVinyls), Josie Doré (OxyVinyls), Brad Dubose (DPC Industries), Rick Hughes (OxyVinyls), Mike Garza (OxyVinyls) and Tracy Clark (UPS). Photo by: Skip Parker (Service Transport Company/Texas TRANSCAER® Coordinator); INDIANA HARBOR BELT RAILROAD TRAINING: Bryan Fuller (Indiana Harbor Belt) explains the importance of placards on a rail car.

Photo by: Cindy Kuranchie, The Chlorine Institute

Responsible Care® Partner Companies Combine Resources for TRANSCAER® HazMat Cargo Tank Training Event at Boston's Logan International Airport

Article and Photos By Gene Patten, Dana Transport, Inc.



MassPort F.D. trains on emergency recovery valve at Logan Airport

AMIDST TAXIING aircraft on runways 4L and 9 at Boston's busy Logan International Airport on October 10 & 11, 2013, ACC's Responsible Care® Partners Kuehne Chemical, Kenan Advantage / Petro-Chem and Dana Transport put on a HazMat Cargo Tank TRANSCAER® training event for the MassPort Fire Department and MA State Fire Academy's HazMat Tech qualification students. The equipment staging area was just inside the zipper for MassPort F.D. "The airstrip provided an unusual backdrop as major airlines rolled out their A-320, 737, 757, 767 and regional jets," said Gene Patten, adding "At one point the MA State Police Aviation Section arrived with their new Eurocopter EC135 helicopters."

MassPort F.D. Captain Joe Conner advised, "Not only do we provide fire protection services for Logan, we also support neighboring cities, such as Everett, MA. For instance, if there is a crash in the I-90 tunnel, we go." Captain Conner added, "This event will cover two of our shifts of career fire-fighters. We have two more shifts that we hope will be trained in the first half of 2014."

MA State Fire Academy sent its entire HazMat Tech Qualification Class — 25 in all — to the training event and met up with MassPort's Fire Department, where another 25 Emergency Responders joined

the group on Thursday, October 10, 2013. The Friday, October 11th Class consisted of another 25 emergency responders from the MassPort F.D. The liquid bulk chemical cargo tank trailers included a DOT406 gasoline tanker from Petro-Chem, a FRP (fiberglass reinforced plastic) tanker from Dana Transport, as well as Dana's multi-spec (MC307, DOT407 & MC312/DOT412) multi-compartment tank trailer. MA State Fire Academy also provided their new full-size cargo tank training prop to round out the modules.

Kuehne Chemical's highly trained and experienced Hazardous Response and Strike Team joined the event, providing valuable knowledge and training in the use of A, B and C kits. According to Kuehne's Environmental, Safety and Security Manager Tony Dias, "We assist local, regional and state emergency response teams as needed." The Kuehne Chemical Emergency & Strike Team has been a prominent resource for the past several years as part of the well known TRANSCAER® Dow Chemical Safety Train tours in NJ, PA and NY. "Kuehne Chemical is a proud participant in the TRANSCAER® efforts in the Northeast," stated Dias, "and we view this as an important aspect of being a Partner company in the Responsible Care® Program."

J. Vincent "Vinnie" Stanford, Safety Director of the Northeast Division, Petro-Chemical Transport, a subsidiary of the Kenan Advantage Group and based in Rocky Hill, CT commented "There is a tremendous need for emergency response training in New England and we were happy to have been invited to bring our DOT406 cargo tank and training props to MassPort."

TRANSCAER®'s Region 1 Coordinator, and Dana Transport's Responsible Care® Coordinator, Gene Patten, said "The trucking industry, particularly the bulk sector, is dealing almost daily with capacity crunches and driver shortages. Each company represented at this event had to keep these issues in mind while in the planning stages." Dana Transport operates 4 terminals in MA — Oxford, North Grafton, Upton and Fall River. "We were pleased to have been able to provide the FRP cargo tank and the multi-spec cargo tank training trailers."

Lt. David Loh, HazMat/ WMD Training Group Coordinator at MA Firefighting Academy, stated "TRANSCAER® has been supporting our HazMat Tech qualification courses for the past few years with excellent trainers and full-size cargo tank trailers and props. We look forward to having companies like Dana Transport, Petro-Chemical and, now, Kuehne Chemical share their wealth of knowledge and expertise."

What does TRANSCAER® Region 1 have in store for 2014 in the Northeast? Stay tuned . . . plans are currently underway to bring the TRANSCAER® Dow Safety Train to the New England States! ■



DOT406 cargo tank components being explained to first responders from MassPort F.D.



Vincent Stanford, Safety Director - Northeast Division of Petro-Chemical Transport, A Division of Kenan Advantage Group, explains the characteristics of a DOT406 cargo tank trailer

TRANSCAER® in Action**TRANSCAER® takes the Anhydrous Ammonia Taming the Tiger Program to New Heights**

Article and Photos By David Binder, Tanner Industries, Inc.



Anhydrous Ammonia cloud releasing; entry tarping point.

IN 2013, the Anhydrous Ammonia Tiger series also took it to the streets. The streets of Baltimore, MD and Plymouth, MA.

TRANSCAER® was at the International Hazardous Materials Response Teams Conference in Baltimore, MD in June. David Binder, Tanner Industries, Inc. and Virgil Fowler, PotashCorp presented two half-day sessions on ammonia response.

These sessions included classroom instruction followed by an up close and personal look at an anhydrous ammonia trailer. In September, this same program was repeated at the Massachusetts Association of Hazardous Materials Technicians State conference in Plymouth, MA.

TRANSCAER® Anhydrous Ammonia Training Makes the Rounds

September and October were busy months for the Tiger series with presentations facilitated at the following conferences:

- Continuing Challenge Conference in Sacramento, CA on September 5
- Alliance of Hazardous Materials Professional Conference in Orlando, FL on September 18
- Houston Hotzone HazMat Conference on October 19

TRANSCAER® Anhydrous Ammonia - Letting the "Tiger" Out

TRANSCAER® continued to enhance and evolve the Taming the Tiger program series in regards to safely, effectively and respond to Anhydrous Ammonia.

The "T4" series, entitled Taming the Tiger in the Tank Tactics — Tactics and Response to Anhydrous Ammonia, focused on the types of ammonia releases that can be encountered with various transportation containers during incidents, true-life cloud modeling and looking at control and containment methods, both from an offensive and defensive stance.

David Binder, Director of Quality, Safety and



Entry team preparing tarp for entry; decon in forefront.



Entry team preparing to respond



Staging for ammonia release drill.

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

The highlight of this year's program took place on September 10-12 at the Joint Emergency Services Training Center (JESTC) in Zachary, LA. The JESTC is a Louisiana State Police Training Center. TRANSCAER® presented three full training days including live release exercises with anhydrous ammonia each day.

There were expanded classroom sessions each morning and then it was out to the massive drill field for hands-on training with cargo trailers that were provided by Hercules and Tanner Industries, Inc. Live anhydrous ammonia release drills followed that with response team members practicing a tarp and cover

Mr. Browning of the Louisiana State Police Training Services commented the following: "I would like to thank David Binder for the support given in the anhydrous ammonia training classes last week. The knowledge and dedication you have with the responders, along with the ability to communicate with them was a key to the success of the program. With the instructor's, along with Tanner Industries and TRANSCAER® we were able to train over 180 emergency responders in proper techniques in the handling of anhydrous ammonia."

control and containment method for suppressing ammonia releases. A liquid ammonia line was opened up, letting the "tiger out" and hazardous material response team entry members tarped over the release point while also covering some of the tank. Defensive control was also practiced using water downwind of the release to knock down the ammonia vapors.

Over 180 students went through the training with almost 1,500 training hours delivered. Personnel from various sectors attended included fire departments, EMS, hazardous materials response teams, Louisiana Department of Environmental Quality, Louisiana State Police and HazMat, regulatory agencies, industry personnel, law enforcement, and many others.

Richard Browning, Louisiana State Police Training Services, was the JESTC site coordinator for the program. He did an excellent job and received tremendous support for the local area industry and responders in the area to help support some of the class logistics. This program was truly a team effort between industry, the response community, and various regulatory agencies. ■

TRANSCAER® in Action During IAFC HazMat Conference

Article and Photos By David Binder, Tanner Industries, Inc.

TRANSCAER® was front and center during International Hazardous Materials Response Teams Conference in Baltimore, MD last summer. Hundreds of responders from all over the world attend this annual conference. The show includes various classroom and hands-on training opportunities focusing on hazardous materials. David Binder, Tanner Industries, Inc. and Virgil Fowler, PotashCorp presented two half-day sessions featuring ammonia response entitled Taming the Tiger in the Tank Tactics and Tactics and Response for Anhydrous Ammonia. This is TRANSCAER®'s "T4" ammonia series program focusing on effective and safe response when dealing with incidents involving anhydrous ammonia. These sessions included classroom instruction followed by an up-close and personal look at an anhydrous ammonia trailer. Assisting in the review of the Tanner Industries, Inc trailer was Pat Glynn of Havre de Grace, MD. ■



Pat Glynn, Tanner Industries, Inc. provides a walk-through of the workings of anhydrous ammonia trailer.



Virgil Fowler, PotashCorp. highlights the anhydrous ammonia trailer features.



Dow Chemical provides Anhydrous Ammonia Training on June 1, 2013 in Harbor Beach, MI. Photo by Pete Kirk, Dow Chemical.

Dow TRANSCAER® Events Reaches Over 690 in 2013

By Amy Rezmer, The Dow Chemical Company

THE DOW TRANSCAER® TEAMS were busy in 2013 providing training in locations from Pittsburg, California to Staten Island, New York. In 2013, the Dow team helped to facilitate TRANSCAER® training tours in 12 cities, in 10 states from April through October. More than 690 participants from over 138 local agencies and businesses participated in these training sessions.

Training locations included Birmingham, AL; Bristol, PA; Charleston, WV; Harbor Beach, MI; Hattiesburg, MS; Houston, TX; McCalla, AL; Piscataway, NJ; Pittsburg, CA; Slidell, LA; Staten Island, NY; and Woodbury, NJ.

Several training modules were designed to meet the wide variety of participants needs. Modules included: Leaks Approach, Investigation & Mitigation; Toxic Inhalation Hazard (TIH) Materials & Flammable Gasses; Locomotives and Tank Cars Anatomy; Tank Truck Anatomy; Capping Kits (Midland and G-Kit); General Awareness; Ethanol Emergencies and Chlorine Emergencies. At the Harbor Beach event, a half-day drill was conducted.

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

Participants included individuals from law enforcement, fire service, public works, government administration, public safety, health care, public health, private industry, emergency medical services, emergency management and others. This free “hands-on” training is part of Dow Chemical’s continuing commitment and participation in the 2013 TRANSCAER® Training Tours.

Because 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. ■

Buccolo Takes TRANSCAER® Training To Short Line Members Across U.S.



DAVE BUCCOLO of Central California Traction Company and TRANSCAER®’s Region IV Coordinator continued pushing on as the TRANSCAER® Liaison to the America Shortline and Regional Railroad Association (ASLRRRA). In 2013, Buccolo single-handedly made another tour of the United States sharing TRANSCAER® training with members of the association.

In 2013, Buccolo traveled to three ASLRRRA Regional Meetings to present a joint TRANSCAER® and ASLRRRA program on “Crisis Management” and “How to Handle a Rail Haz Mat Incident.” Buccolo’s presentation included using a tabletop exercise for the class participants, while focusing on the proper handling of an incident while managing a crisis involving media and governmental stakeholders.

The meetings, which were held in Norfolk, VA, Charlotte, NC and Newport Beach, CA, had over 110 participants from more than 45 railroads, or holding companies engaged.

The primary theme of Buccolo’s training was to train railroads staff on understanding and to help meet the needs of local first responders, while building relationships with the first responders and the community before a crisis occurs. Buccolo also focused his program on teaching railroad managers how to deal with the media and how to plan to have a process in place to deal with an emergency.

As a result of Buccolo’s engagement, additional ASLRRRA members are becoming more involved in TRANSCAER®.

Buccolo will continue his TRANSCAER® outreach to member of ASLRRRA during the Annual Convention in San Diego, CA in April 2014. ■

For more information about ASLRRRA, visit <http://www.aslrra.org/home/index.cfm>

All Aboard: TRANSCAER® Training Travels Along the Southern Tier of New York

Article and Photo By William Oertly, Norfolk Southern



Responders get up-close locomotive training in Elmira aboard the NS 3352 with John Casey, in red shirt in cab window.

NORFOLK SOUTHERN RAILWAY COMPANY took TRANSCAER® on the road using the DuPont training CAER car equipment this summer. The Tour traveled along the Southern Tier of New York during four different stops over a two-week period in June. During each location, NS Team Members offered day and evening trainings in order to accommodate the emergency responder training schedules.

Full time paid firefighters, volunteer fire fighters, local and state police, emergency medical technicians and other emergency personnel attended the sessions. The training covered responding to incidents, safety when on the railroad, paperwork, locomotives, tank cars and other railroad equipment. Attendees were experienced classroom training session followed by an opportunity to climb on top of the training tank car to learn about tank car valves and fittings.

The training was launched starting on June 18 and 19th in Binghamton, NY. In addition to the DuPont CAER cars, NS provided a locomotive so responders were able to receive additional hands-on instruction. Training continued in Elmira, NY on June 20th and 21st. The tour moved on to Hornell, NY on June 24th. From Hornell the training tour continued to Corning, NY where sessions were held June 25th and 26th. During the five days of training 231 persons attended the sessions. ■

NOVA ER Teams Train on Trains

Article and Photo By Paul Williams, Norfolk Southern

DURING THE WEEK OF JULY 15, 2013 Norfolk Southern Railway, as part of the TRANSCAER® initiative, sponsored rail oriented hands-on training for local emergency at the NS yards in Alexandria and Manassas, VA. Norfolk Southern considers emergency preparedness education an essential element of responsible corporate citizenship, which in turn serves as a cornerstone to achieving sustainable business growth. Over 190 responders from the City of Alexandria, Arlington, Cities of Manassas and Manassas Park and Prince William County received training in responding to rail related hazardous materials incidents.

Norfolk Southern provided instructors and the DuPont "CAER" car which is equipped with multiple domes on top to allow responders to understand the look and function of various valves and fittings. The CAER car was used to simulate leaks in Alexandria and helped educate those responders on how to respond to possible leaks of material that travel through that area. Responders can also go inside the accompanying box car for classroom education and view cut-away sample of valves and fittings. Using the CAER car responders were trained in various aspects of rail and tank car safety and were shown how to apply handbrakes to prevent a rail car from moving in the event of an accident. They were also briefed on the dangers involved with emergency equipment when coming up on grade crossing while responding to a regular call. Trains can operate very quietly, particularly Amtrak and the Virginia Rail Express (VRE), and they operate at speeds which can be deceiving. ■



Fairfax County Virginia's Hazardous Materials Response Team Members train on how to stop a leak using the DuPont "CAER" car.

NS Takes TRANSCAER® on Georgia Tour

By Robert Wood, Norfolk Southern

AS PART OF THEIR COMMITMENT to community safety, Norfolk Southern took the TRANSCAER® DuPont Training Cars on a tour of Georgia in August. The TRANSCAER® Tour included stops in Macon, Valdosta and Columbus. The program, which is designed to provide training for first responders, covered "Responding to Emergencies on the Railroad" and "Responding to Rail Emergencies Involving Ethanol."

Robert Wood, TRANSCAER®'s Region II Coordinator and a member of the NS HazMat Team, kicked off the tour in Macon on August 6th. Each stop consisted of three days of training with two classes each day. NS followed up the stop in Macon with a stop in Valdosta on August 20th and ended the tour with a stop in Columbus on August 27th.

NS provided training to 320 first responders from seven different agencies. The feedback on the tour was positive. Norfolk Southern in conjunction with TRANSCAER® will continue to provide training to the first responders whom their communities and Norfolk Southern rely on in an emergency. ■



From top to bottom: Members of the Valdosta Fire Department receive instruction on tank car recognition; First responders receive training on Responding to Emergencies on the Railroad; Troy Carpenter, NS Engineer of Environmental Operations provides locomotive fire class.

TRANSCAER® Training Focuses on Petroleum Crude Oil

Article by Ed Chapman, BNSF Railway Photos By Justin Franz/www.justinfranz.com



Emergency responders from the Whitefish MT area conduct a drill on the BNSF TRANSCAER® Training Tank Car as a part of their recent training.



BNSF Railway provides hands-on training.

IF YOU'VE EVER WONDERED how to focus on what and where TRANSCAER® training outreach can be especially beneficial, read on. The "what" is often a specific commodity of interest (or concern) to responders and the "where" becomes the transportation routing. Here's how one TRANSCAER® member went about it this year.

The growth of Bakken Basin petroleum crude oil (PCO) shipments on BNSF had set the Hazmat

Team's focus on providing training along its primary PCO routes during 2013. With the training stops already in progress, the importance of reaching out to the community emergency responders was underscored by the tragic Lac Megantic derailment in July. Commitments were redoubled to ensure an extensive geographic outreach for the training.

As the interest grew and the locations increased, resolving the scheduling dilemma for the training cars ultimately involved use of local shipper tank cars. The intended centerpieces of the training were to be the BNSF's TRANSCAER® Training Tank Cars, so they were made available to locations with HazMat team participation or when drills were requested. All told, training reached nearly 1200 responders through 58 sessions spread across 32 locations (touching in 9 states). Four locations were also conducted jointly with BNSF short line partners, a new outreach opportunity for BNSF. ■

TRANSCAER® Teamwork Training

Article and Photo By Ed Chapman, BNSF



Farmrail's Bryan Reed, Devin Martin and Brandon Friesen provided instruction to the responders.

HOW DO YOU GET the fine folks from Oklahoma and Texas together besides the big university football rivalry game? Host a TRANSCAER® event! Farmrail, a short line railroad with operations in western Oklahoma, approached BNSF about the concept of teaming up to conduct a TRANSCAER® training event. With mostly volunteer emergency responders along their routes and with their recent increased shipments of petroleum crude oil, it just plain made good sense.

Drop into the backfield last July. TRANSCAER® Western Regional Coordinator Dave Buccolo and BNSF Hazmateer Ed Chapman provided a table top exercise for the American Short Line and Regional Railroad Association's (ASLRRA) Safety Committee meeting. Although Dave has been actively promoting TRANSCAER® in the ASLRRA ranks for a while, it was there that we made a connection. Farmrail's J.R. Gelnar suggested the partnership: "together we can make good things happen for the responders."

J.R. was right (sorry you Dallas fans) — he scored a touchdown for TRANSCAER® Over 30 emergency responders attended the recent Saturday training event. Farmrail provided the necessary detailed insight into their local operations and protocols. The HazMat rail transportation component was BNSF's contribution. After a great BBQ lunch, Farmrail also provided the attendees with some hands-on training opportunities using a locomotive and a non-pressure tank car.

We certainly reiterated that it's all the little things that count (and those can certainly be teamed up to make for big things, like this one). ■

TRANSCAER

THE CHLORINE INSTITUTE

present

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

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ALL ACCESS

THE CHLORINE TRAINING TOUR



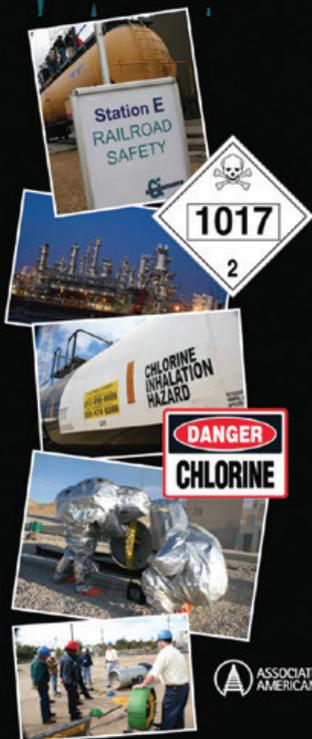
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Because chlorine, an essential building block chemical, is used in hundreds of everyday products but made in only a few locations, it must be transported. It is important for our first responders to be prepared and properly trained for a possible chlorine-related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

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- 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



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TRANSCAER® Chlorine Emergency Response Training at CSX REDI in Atlanta

The TRANSCAER® training event at the CSX Railroad Education and Development Institute (REDI) in Atlanta, Georgia on November 19-20, 2013 hosted 150 very happy students. This was our largest event of the year and everyone did a fantastic job!

Special thanks to Shawn Reedy and the folks at CSX REDI for hosting an outstanding event. Also, hearty thanks to our Regional and State TRANSCAER Coordinators, Robert Wood (Norfolk Southern) and Tim Hall (HEPACO), for getting the word out and for supporting the effort throughout. Norfolk Southern sponsorship of the lunches and the logistics and training support provided by the HEPACO team was greatly appreciated.

We had an All Star cast of experienced trainers for this event and, by all accounts, the quality of instruction was outstanding. We greatly appreciate the contributions of the following individuals in making each training module a huge success:

- **Chlorine Safety:** Dan Thompson (Oxy)
- **Tank Cars & Emergency Response:** Bob Gold & Barry Draffen (Westlake); Shawn Reedy (CSX) & Richard Dollar (HEPACO)
- **Cylinders & A-Kits:** Manny Correia & Brian Cleary (Kuehne) & Randy Bunkley (Allied Universal)
- **Ton Containers & B-Kits:** Mike Croke (JCI Jones); Jim Novak (Allied Universal) & David Ballard (Brenntag)
- **Tank Car Valves, C-Kits & Midland ERK:** Ernie Taylor, Chris Baxter, Mike Mills & John Grant (Olin); Tom Keefer (Dupont) & Roar Broch (Midland Mfg)

In addition, I am extremely grateful for the event leadership provided by Bruce Fleming and Dan Thompson, for the teamwork demonstrated by all instructors, and for the behind the scenes groundwork completed by Cindy Kuranchie-Asiedu, in advance of this training event. Of course, none of this would have been possible without the support of Romano DeSimone, Barry Morton and others in CSX leadership. Thanks, Romano and Barry!

We also had the good fortune of having media attention from local print, radio and TV reporters. Thanks to Ben Zingman for his dedicated efforts to get our program properly positioned in the public eye.

And finally, the training facilities provided by CSX REDI were second to none, and the additional training equipment and props provided by Fulton County Fire, HEPACO, Kuehne, JCI Jones, Allied Universal, Brenntag, Indian Springs and Midland Manufacturing made it all possible. This was truly a solid team effort from start to finish.

Thanks to all!
Henry Ward
Vice President, Emergency Preparedness & Product Stewardship

The Chlorine Institute
1300 Wilson Blvd, Suite 525
Arlington, VA 22209



Photos by Abby Moore, Asheville Fire Department, State Coordinator for North Carolina

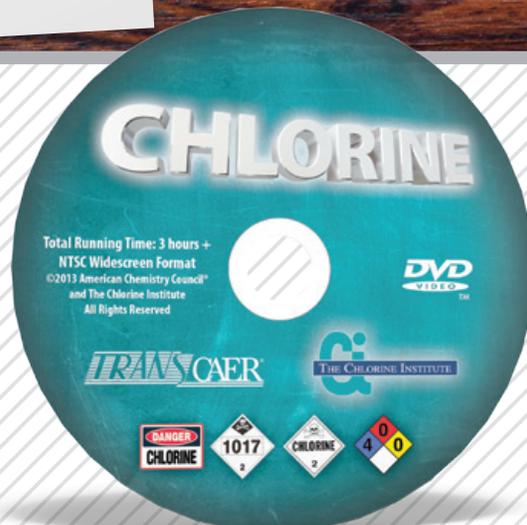
Chlorine DVD Coming Early 2014

TRANSCAER® and The Chlorine Institute would like to say "THANK YOU" to CSX Transportation for sponsoring the duplication of the brand new jointly presented TRANSCAER® and The Chlorine Institute's CHLORINE A Training Guide for Chlorine Emergency Response DVD. This new **FREE** training DVD will be ready for distribution early 2014.

This DVD package includes:

- Chlorine Properties and Emergency Response presentation videos
- Chlorine Tank Car, Rail Safety and Tank Car Valve, Cylinder and Ton Container presentation videos
- Instructional Videos for Emergency Kits "A", "B", and "C"
- Presentation Support Materials to help create interactive workshops
- **AND MUCH MORE!**

For more information, visit www.ChlorineInstitute.org and www.transcaer.com



Nuclear Option: NS hosts spent nuclear fuel safety training for Indiana first responders

Article and Photos By David Pigeon, Norfolk Southern



Norfolk Southern's 6920 Veterans Locomotive with the spent nuclear fuel container attached prepares for a drill in Fort Wayne, Ind.

THE “WHAT IF” SCENARIO — what if an incident occurs while a train hauls naval spent nuclear fuel — drew the focus of railroad, local, state and federal officials during an Aug. 28 exercise drill in Fort Wayne, Ind.

As part of its TRANSCAER® initiative, Norfolk Southern hosted the exercise, which featured an M-140 container and the NS 6920 Veterans Locomotive, in its Baer Yard before more than 100 invited guests. Participants included NS employees; first responders from Fort Wayne, neighboring New Haven and Allen County; officials from the Indiana Department of Homeland Security; and experts from the Navy Nuclear Propulsion Program.

The exercise proceeded according to a script that called for a “what if” — what if at a grade crossing a vehicle, in this case a large dump truck, collided with a train hauling spent nuclear fuel, causing a derailment and injuries to the dump truck driver? What happens next? How are first responders, HazMat experts, state and federal officials notified?

Audience members watched as the incident was simulated, the M-140 inspected for any radiological release, and how emergency responders interacted

with a flurry of parties from the railroad to Homeland Security, all responsible for safely reacting to such an incident.

After the exercise, Navy Nuclear Propulsion Program officials displayed the M-290 shipping container with its 11 inches of solid stainless steel, used to transport aircraft carrier spent fuel.

The exercise was not a spontaneous event but the result of eight months of planning. All participants met several times to review protocols and determine how best to mesh those varying procedures into one streamlined response.

The Naval Nuclear Propulsion has since the mid-1990s been organizing these exercises along the usual railroad routes where spent nuclear fuel is transported on its way to a final storage place. Since 1957, the Navy Nuclear Propulsion Program has made more than 800 container shipments of naval spent fuel to the Idaho National Laboratory, all done with no release of radioactivity or injury to workers or the public.

The containers themselves take on a special notice during these exercises, due to their size, purpose and the rare glimpse the public has. They are designed

to withstand a 30-foot drop onto an unyielding surface, a 1,475 degree engulfing fire for at least 30 minutes, immersion in 50 feet of water or a drop onto a 6-inch diameter vertical metal rod. Typical radiation levels outside the shipping containers are about 100 times less than the U.S. Department of Transportation allows.

Each NS train hauling spent nuclear fuel features federal agent escorts as well as having the highest priority status, allowing it to safely and quickly move across its system. ■



Attendees at the spent nuclear fuel exercise had the opportunity to view a new container designed to safely transport spent fuel from a nuclear-powered aircraft carrier.



A federal agent and a member of the Fort Wayne Fire Department inspect a spent nuclear fuel container during a training exercise at a Norfolk Southern rail yard in Indiana.

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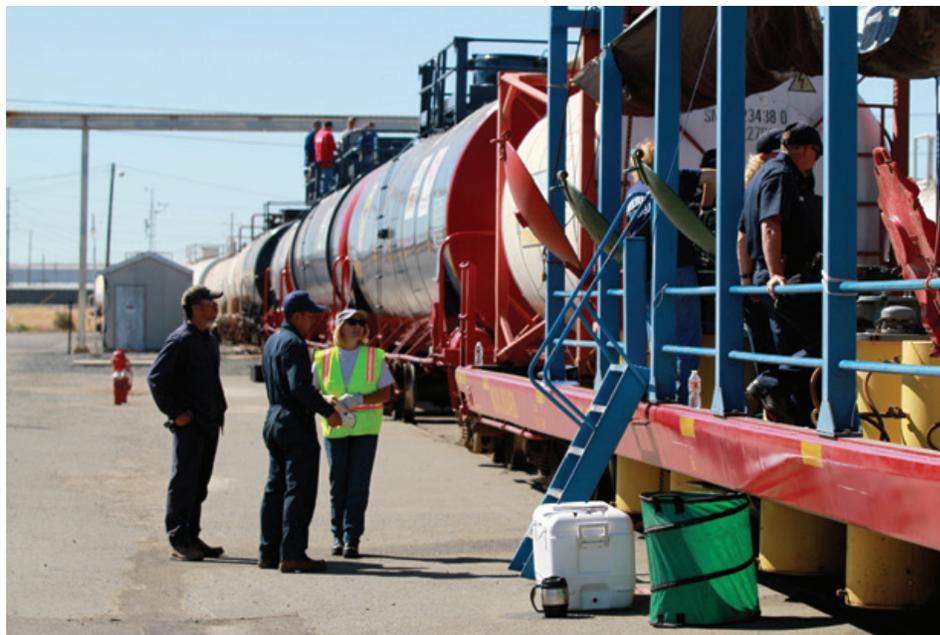
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Emergency Response
Community Since 1971

Dow Chemical Pittsburg CA Site Hosts TRANSCAER® Rail Tank Car Training Classes

Dow employees from Pittsburg CA site provide TRANSCAER® Rail Tank Car Training to state and local agency emergency responders

By Scott Etzel, Dow Chemical Company

Photos by Vanessa Boscia, The Dow Chemical Company



Participants rotated between four different stations and training modules each session.

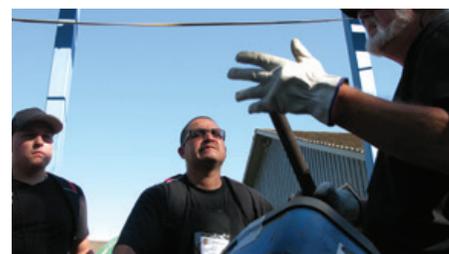
FOR THREE DAYS IN SEPTEMBER, The Dow Chemical Company Pittsburg California site opened their gates and invited state and local agencies in to participate in TRANSCAER® Rail Tank Car training utilizing the Dow Chemical Safety Train. Over 90 emergency responders received training on rail tank cars and responding to emergencies involving hazardous materials in railroad transportation.

Instructors were Dow Chemical employees Scott Etzel, Dennis Hawkins, Zheng Li and Marc Gould.

Feedback from participants was very positive with many comments thanking Dow for making the training available locally. ■



Dow instructor Dennis Hawkins trains participants on application of a Midland Manufacturing emergency capping kit.



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

Main Photo: Participants gain "hands-on" experience applying an A-kit to a moc chlorine cylinder.

From top to bottom: Participants learn of new and innovative design changes in the works for the A-kit; Roar Brock explains use of the Midland Mfg kit on pressure cars; Jennifer Johnson of Union Pacific explains rail tank car anatomy and markings to participants

TRANSCAER® Takes Chlorine Training to CA HazMat Conference

California TRANSCAER® Team joins with Central California Traction Company and The Chlorine Institute to Bring the Chlorine Training Tour to the 2013 The Continuing Challenge Hazardous Materials Emergency Response Workshop

By Scott Etzel, Dow Chemical Company

FROM SEPTEMBER 3-6, the California TRANSCAER® Team joined forces with Central California Traction Company and The Chlorine Institute and brought the Chlorine Training Tour to the 2013 Continuing Challenge Hazardous Materials Emergency Response Workshop in Sacramento, CA. Over 75 emergency responders received training on chlorine, the transportation of and responding to incidents involving chlorine in transportation.

The California TRANSCAER® Team utilized the Dow Chemical Safety Train for hands-on as well as classroom type training methods. The cars were pulled to and from the workshop by a 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.

Tuesday's TRANSCAER® Chlorine Training classes were filled with students

from Sacramento City Fire, Sacramento Metro Fire, and Cosumnes Fire. While Wednesday through Friday classes were open to all Continuing Challenge workshop students.

Instructors were Bobby Breed (SRS), Dave Buccolo (Central California Traction Company), Scott Etzel (The Dow Chemical Company), Jett Ferguson (Sierra Chemical), Tracy Hallock (Sierra Chemical), Dennis Hawkins (Dow), Zheng Li (Dow), Marc Gould (Dow), Jennifer Johnson (UP), Frank Reiner (The Chlorine Institute), John Tijan (FRA), Dan Thompson (Oxy) and Mike Villareal (UP).

Feedback from students and workshop providers was very positive with many requesting more training in future workshops and taking advantage of not only the training but also the free DVDs provided by TRANSCAER® on the tours chlorine training topics. ■

Alexander Chemical Corporation and Mason Corporation Host TRANSCAER® Hazardous Material Training

By Ed Stec, Carus Corporation Photos by Shelley Corban, Carus Corporation



Main Photo: Mason Corporation President, Todd Hofer (right), addresses the Mason Schererville Plant, Schererville Fire Department, and Lake County Emergency Response personnel at a joint Hazardous Material Training session with Alexander Chemical Corporation.

Top: Alexander Chemical Corporation's Al Manns, Chris McIntire, and Josh Hewitt (left to right) demonstrate Chlorine B-Kit Response Tools for cylinder leaks

Bottom: Carus Corporation's Josh Hewitt (far right) gives Mason Corporation Emergency Responders Bowen Hefner (center) and Paul Lare hand-on experience with Chlorine B-Kit Response Tools

ALEXANDER CHEMICAL CORPORATION, A Carus Company, and Mason Corporation recently conducted a joint TRANSCAER® Hazardous Material Training session on chlorine gas at Mason Corporation in Schererville, Indiana. Alexander emergency responders brought their CHLOREP Emergency Response Trailer and equipment to the training site to work with the Mason Responders, the Lake County Hazardous Material Response Group and the Schererville Fire Department to better understand how to handle an onsite emergency. Mason Corporation and Alexander Chemical Corporation are both members of The Chlorine Institute.

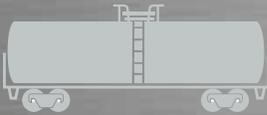
As part of both companies' strong commitment to product stewardship and cooperation with local emergency responders, Alexander provided unique, product-specific training, while Mason offered local response teams the opportunity for hands-on emergency drills and emergency response plan review.

Todd Hofer, President of Mason Corporation, started the training with an overview of Mason Corp. and the company's commitment to the safety of their employees, neighbors and stakeholders. Jim Zatorski, General Manager of Alexander Chemical Corporation, followed with a short talk on the value of working closely with,

as well as training, both customers and local emergency responders.

Alexander Chemical Corporation's Al Manns, Chris McIntire, and Josh Hewitt demonstrated the equipment used in a CHLOREP response, and provided basic information on valves, B-Kit response tools and working on one-ton cylinder cutouts. After the training, employees and first responders conducted joint drills with the equipment.

The day concluded with an onsite tour of Mason Corporation, which included a review of their emergency response plan and process areas. ■




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A rail car chemical leak in a valve or fitting connection can be a messy affair. HazMat transportation through highly populated areas makes access to the most versatile capping kit available a high priority. Be prepared to respond at a moment's notice, and have the tools you'll need to do the job quickly and safely with a Midland Emergency Response Kit for capping leaking fittings on top pressurized rail cars.

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FAX: (847) 677-0138

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	240-195-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

Dupont's Fuming Acids Emergency Response Training Update

By Mark J. Salzbrenner, P.E., DuPont Sulfuric Acid Technology Center

ONE OF THE RECOMMENDATIONS from last year's Fuming Acids Transportation Risk Assessment (TRA) was to hold "Emergency Response Training" for the rail yards and the local communities that the fuming acids rail cars transit through. During the second half of 2013, DuPont has held TRANSCAER® trainings at a number of locations with the assistance of the following railroads:

- **Chicago (Chicago Fire Dept Academy)**
- **Memphis (City of Memphis and SHELBY County HazMat Units)**
- **Champaign, IL (Champaign and Urbana HazMat Units)**
- **Buffalo & Pittsburg RR (Butler PA short line)**
- **Ouchita RR (El Dorado, AR short line)**
- **L & NW RR (Homer, LA short line)**

During the training with CN, they covered the aspects of the CN corporate emergency plan.

DuPont covered the Emergency Responses specific to a Fuming Acids incident. Other topics covered included:

- **DuPont Product Stewardship**
- **DuPont IERT capabilities**
- **DuPont Fuming Acids business (history, manufacturing plants, customer base, uses of products)**
- **Chemical and Physical Properties**
- **PPE**
- **1st Aid/Medical Treatment**
- **Fuming Acids Container specifics (rail car and tank truck design and features)**
- **Spill Mitigation techniques and community response**
- **Transportation Risk Assessments**

DuPont is planning to provide similar training next year for the major truck stops and rest areas where Fuming Acids Truck travel during their deliveries. ■

The Numbers

50

Approximate No. of Attendees at the training with CN Railroad in
CHICAGO (Chicago Fire Dept Academy)

50

Approximate No. of Attendees at the training,
also covering cyanide training, with CN Railroad in
MEMPHIS
(City of Memphis and SHELBY County HazMat Units)

90

Approximate No. of Attendees at the training with CN Railroad in
CHAMPAIGN, IL (Champaign and Urbana HazMat Units)

12

Approximate No. of Attendees at the training with BPRR
BUFFALO & PITTSBURG RR (Butler PA Short Line)

5

Approximate No. of Attendees at the training with OUCHRR
OUCHITA RR (El Dorado, AR Short Line)

5

Approximate No. of Attendees at the training with LNRR with
L & NW RR (Homer, LA Short Line)

THANK YOU!



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

(Waco, TX) I personally want to thank everyone that was involved in yesterday's Texas TRANSCAER® Training event in Waco, TX. We had 90 responders in addition to the UP rail engineer's and other that came to this event. With the instructors involved, we fed 116 people at the site.

I specially want to thank Michael Moore for his personal involvement in getting the Bellemead Rail site set up for the training and being on hand for the tent set up and other preparations.

To all of the instructors involved, this would not have been possible without your support and expertise in your fields to teach. Also, thank you for staying after the training was complete to assist with the cleanup of the site.

Everyone at Texas TRANSCAER® really puts forth a personal effort on these training out reaches and I feel goes above and beyond what we are expected to do.

Finally to Paul Simmons who reached out to Texas Transcaer® to initiate the training for his people and the surrounding communities to better serve the citizens of their areas.

(Pearland, TX) Next I would like to take a moment to recognize the outreach that occurred in Pearland, TX on 11-09-13. This too was a very successful event. We had approximately 70 responders at this training event from Pearland FD and area VFD's as well as many from Third Coast Terminals and SolvChem.

Jason Jackson with Pearland FD really stepped up to the plate to make sure he was involved and in trying to get all he could from his department to attend. (Thank You).

Julio Vasquez and his team from Third Coast Terminal receives a special thanks for opening a portion of his facility for hands-on training, providing the responders with the opportunity to get some experience around rail cars and tank trucks at a closer look.

Michael Brantley for his joint venture into this training outreach and providing any support and materials he could to further the training of the community responders and the increased value of training to his personnel.

All in all, I would say that Texas TRANSCAER® has wrapped up the 2013 year with a bang and some very successful training events to include the outreach we supported in San Antonio with The Chlorine Institute during the summer. A very special thanks to all who came to that event and served out there under the hot sun. We had over 80 attendees at that outreach as well.

Looking forward to 2014, we know of two (semi-planned) outreaches for the spring, Tomball, TX and discussions started for Austin, TX that could turn into a two day event based on early discussions. I have already talked with Henry Ward about a JV on it.

Follow up information on the feedback forms for both Pearland and Waco will be coming in the next few days (I hope). I need to catch up on some work at my paying gig and will try to effort that this weekend at home.

My thanks again to Team Texas TRANSCAER® for your support and efforts. You're all great to work with.

Skip

Kevin "Skip" Parker - CDS
 Safety Director / Responsible Care® Coordinator
 Service Transport Company
 Texas TRANSCAER® State Coordinator
 7900 Almeda Genoa Road
 Houston, TX 77075
 713.209.2570
 kparker@svtn.com



THE PORT AUTHORITY OF NY & NJ

Date: October 28, 2013

TO: Mr. Ron Dana
The Dana Companies
210 Essex Avenue East
Avenel, New Jersey 07001

FROM: James Munday
Office of Emergency Management
Port Authority of New York & New Jersey
241 Erie St
Jersey City, NJ 07301

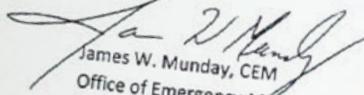
Dear Mr. Ron Dana,

On behalf of the Port Authority of New York and New Jersey, I would like to take this opportunity to thank you for your assistance and cooperation in providing the DANA exercise tanker for our use during the George Washington Bridge Full-Scale Exercise (FSE) on Sunday evening, 6 October 2013. The FSE had over 25 local, state, and Federal agencies from both New York and New Jersey involved.

It was a pleasure to work with you, Mr. Gene Patten and Mr. Bobbie Richards. The Port Authority sincerely appreciates the extra effort you and your company extended by providing the tanker trailer, a vehicle driver and 1,000 gallons of water mixed with food coloring to simulate a fuel spill on the bridge. The exercise was a tremendous success and we received high praises from first responders and Port Authority executives concerning the use of the tanker. The realism the tanker provided enabled us to have a realistic simulation that was invaluable in preparing first responders for a major disaster.

We sincerely appreciate the responsiveness, flexibility, and the generosity of your company. DANA's commitment and dedication to training first responders is commendable and your partnership is very much appreciated.

Sincerely,



James W. Munday, CEM
Office of Emergency Management
Port Authority of New York and New Jersey
jmunday@panynj.gov
201-954-0262

cc: Gene Patton,
Donna L. Lepik

Remembering Marty Byron:

The Chemistry Industry Association of Canada's (CIAC) National TransCAER Committee Chairman



Marty Byron, affectionately known as "Mr. TransCAER" in Canada.

ON SATURDAY, AUGUST 31, 2013 MARTY BYRON, a champion of Chemistry Industry Association of Canada's (CIAC) TransCAER initiative, passed away suddenly. Known to many in the industry as "Mr. TransCAER", Marty had been chairman of both CIAC's National and British Columbia Regional TransCAER committees for more than 10 years. CIAC's Safety Training Tank Car – CCPX911 – was one of

"Marty was a leader in the field of transportation safety...and he worked to raise the bar in terms of transportation safety across the industry. If he were here right now, he would be very proud and very humbled by the recognition of his work." - Dave Emerson, President & COO, CCC Chemicals



Chemistry Industry Association of Canada's CCPX911 Training Car

Marty's special interests and as chair of the tank car's management committee, he was instrumental in its modernization, making it a premier tool for TransCAER training, education and outreach.

At CIAC's Annual Awards Dinner on October 23, 2013, Marty was posthumously awarded CIAC's Chairman's Award, in recognition of his dedication and leadership in transportation safety. An employee of CCC Chemicals for more than 30 years, the company's President and COO, Dave Emerson accepted the award on behalf of Marty's family, saying "Marty was a leader in the field of transportation safety...and he worked to raise the bar in terms of transportation safety across the industry. If he were here right now, he would be very proud and very humbled by the recognition of his work."

Marty was well-known for his quick wit and sense of humour, and was well respected throughout the industry. He will be greatly missed by everyone who knew and worked with him. ■

Canadian TransCAER Updates

Introducing the Canadian TransCAER Team

IN CANADA, much like it is in the U.S. TransCAER is a voluntary initiative led by Canada's chemistry industry and its partners to assist communities in preparing for and responding to transportation incidents involving dangerous goods. As part of their commitment to Responsible Care, TransCAER helps Chemistry Industry Association of Canada's (CIAC) members and partners to meet their obligations for informing communities of the risks and safeguards related to the movement of chemicals through their communities.

At a meeting of the Prairie Regional TransCAER Committee in Edmonton, Alberta on October 29th, Randy Mak, a Hydrocarbon Products Technician, Hydrocarbon Products Technician, Distribution Emergency Response/TransCAER for Dow Chemical Canada was named as the new National TransCAER Committee Chairman. Randy has been with Dow Chemical for 32 years and works at the company's Fort Saskatchewan, Alberta site. He has been a member of the Prairie Regional TransCAER Committee (PRTC) for more than five years, and currently serves as the committee's chairman. As successor to the late Marty Byron, Randy acknowledged that he had big shoes to fill, and he expressed his thanks to both the regional and national TransCAER committees for their support.

The American and Canadian TransCAER teams enjoy a co-operative working relationship, and while the initiative is undergoing some organizational changes in Canada at the regional level, Canada's partnership with the U.S. at the national level will not change. ■

Listed below are Canada's national and regional TransCAER contacts:

National TransCAER Committee

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Transportation Safety and Security Advisor, Responsible Care
Chemistry Industry Association of Canada
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National TransCAER Chairman:

RANDY MAK

Hydrocarbon Products Technician
Distribution Emergency Response/TransCAER
Dow Chemical Canada
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British Columbia Regional TransCAER

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Alberta Regional TransCAER Chairman

RANDY MAK

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Chlorine Institute & ERCO Worldwide Level II CHLOREP Training

Article and Photos By Dale Buckholtz, Canadian Pacific



ON JUNE 19 & 20, 2013 twenty-six people from the railways, chemical industry, emergency contractors, fire department and government employees attended TransCAER classroom and hands-on chlorine training at ERCO Worldwide in Saskatoon, Saskatchewan. Participants received training on courses such as chemical & physical properties, neutralization & absorption of chlorine, site assessments with case studies, respiratory protection, chemical protective clothing and leak mitigation.

After the classroom training, attendees were given hands-on training on applying A, B & C Kits and the opportunity to walk around and up onto tank cars

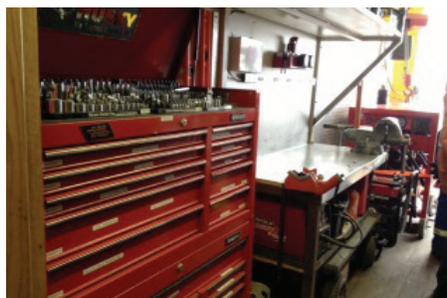
to understand the markings, valves and the tank car anatomy.

Also on hand was the Canadian Pacific Emergency Response Trailer for the attendees to tour.

The trailer provides Canadian Pacific responders and contractors with the necessary materials and equipment to provide emergency response; leak mitigation, product transfer and initial cleanup of dangerous goods incidents. The trailer contains fittings, pumps and transfer hoses for a wide variety of dangerous goods shipped. The unit is equipped with sufficient supplies to last approximately 48 hours including protective clothing for level A, B, C and D operations. ■

Main photo: Canadian Pacific Emergency Response Trailer

From lower left to upper right: Transfer hoses, transfer pumps, and Midland kit; Pipefitting and work bench area; Bins for fittings and support materials; Hydraulic power paks, Corkin Compressor and ancillary equipment.



Updates & Resources

Chemical Advisory - Safe Storage/Handling/Mgt of Ammonium Nitrate

EPA, OSHA and ATF Provide Information and Lessons Learned About the Safe Storage, Handling and Management of Ammonium Nitrate

WASHINGTON – In August, the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA) and the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) issued a chemical advisory that provides information on the hazards of ammonium nitrate (AN) storage, handling and management. This action supports the goals of President Obama’s August 2013 executive order on “Improving Chemical Facility Safety and Security.” The advisory provides lessons learned for facility owners and operators, emergency planners and first responders from recent incidents, including the explosion in West, Texas, involving AN in order to prevent similar incidents.

“Understanding and minimizing the hazards posed by solid ammonium nitrate used in fertilizers is a key component of this advisory,” said Mathy Stanislaus, assistant administrator for EPA’s Office of Solid Waste and Emergency Response. “In addition, the community emergency planning and response information in this document provides a valuable tool that will help protect workers, first responders and communities throughout the country.”

“Ammonium nitrate can be very dangerous, and it’s imperative that employers, workers and first responders all understand the hazards,” said Dr. David Michaels, Assistant Secretary of Labor for Occupational Safety and Health. “With this understanding, together they can control these hazards and save lives and limbs.”

“ATF National Response Team works closely with other federal, state and local emergency personnel



responding to incidents, to include ammonium nitrate explosions,” says Arthur Herbert, ATF Assistant Director for the Office of Enforcement Programs and Services. “ATF maintains an open dialogue with first responders of the possible hazards of ammonium nitrate and is committed to working towards development of best practices in collaboration with our federal partners, industry members and their association representatives.”

The advisory takes steps now to reduce the risks associated with AN to workers, first responders and communities. It is part of an ongoing coordinated federal government effort to improve chemical safety with regards to AN and includes information

on ensuring proper building design, storage containers and fire protection at their locations; learning from other accidents; and knowing and understanding the hazards that exist when developing their emergency response plans.

Earlier this month, President Obama directed the federal government to improve operational coordination with state and local partners; enhance federal agency coordination and information sharing; modernize policies, regulations and standards; and work with stakeholders to identify best practices to improve chemical safety. President Obama established the Chemical Facility Safety and Security Working Group. To this end, this advisory was developed by working group members and was facilitated by the working group process.

View the advisory and more information on EPA’s risk management program: <http://www.epa.gov/emergencies/content/rmp/index.htm>

View President Obama’s Executive Order: <http://www.whitehouse.gov/the-press-office/2013/08/01/executive-order-improving-chemical-facility-safety-and-security> ■

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NEW Posters and Brochures Available on How to Properly Close a Tank Car Manway

By Missy Ruff, Renewable Fuels Association

THE RENEWABLE FUELS ASSOCIATION (RFA) just released a five-step poster and brochure on "How to Properly Close a Tank Car Manway". These posters and brochures are in conjunction with the "Guidelines for Hinged and Bolted Manway Assembly" which was released in June.

The poster and brochure are powerful training tools for ethanol shippers to ensure the safe transport of ethanol through the rail system. The guidelines explain in detail the correct assembly of a manway, the proper steps for inspection, the most efficient way to spot imperfections, and the steps needed to create and maintain a consistent process to secure the manway. The original publication, "Guidelines for Hinged and Bolted Manway Assembly", is an illustration-filled guideline produced in response to an increased need for an engineering standard addressing the inspection, maintenance, and securement of hinged and bolted manways. The RFA guidelines are an indispensable resource for both all industries involved with the safe rail transport of ethanol from manway and tankcar manufacturers to rail shippers.

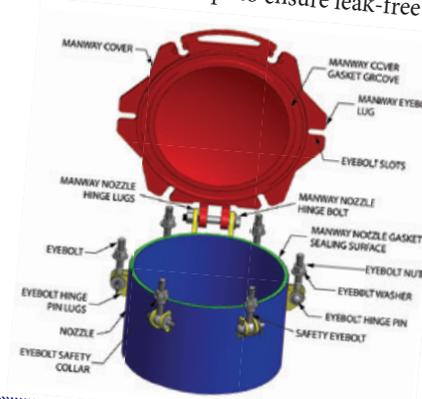
These publications were made possible with a grant from the

Department of Transportation's Federal Railroad Administration. Additionally, RFA partnered with Watco Compliance Services, VSP Technologies, and Salco Products, Inc. to collect the necessary information on manways and their proper securement.

Download the entire "Guidelines for Hinged and Bolted Manway Assembly" by going to www.EthanolRFA.org/manwayguidelines. To request a copy of the "How to Properly Close a Tank Car Manway," email Safety@EthanolRFA.org. ■

How to Properly Close a Tank Car Manway

Follow these steps to ensure leak-free performance of a hinged & bolted manway



Hinged & Bolted Manway Nomenclature Illustration

The key to eliminating NARs around a hinged & bolted manway requires a high-level process of assembly to ensure leak-free performance over a broad range of temperatures & pressures.

Common elements to consider when assembling a hinged & bolted manway include:

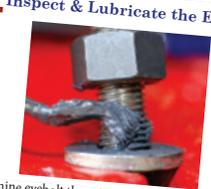
- Gasket-contact surface finish without unacceptable imperfections
- Suitable gasket
- Maintaining sufficient contact pressure on the manway cover, manway nozzle, & gasket surfaces (i.e., gasket stress)
- Condition of the eyebolt
- Maintaining sufficient contact pressure must consider the maximum & minimum temperature range & the internal pressure the joint may experience in service
- Bolt stretch, or relaxation, or gasket relaxation, or flow, may result because of changes in temperature & pressure
- Mechanical failure of an eyebolt may result from corrosion, fatigue, galling, self-loosening, stress corrosion cracking, & wear

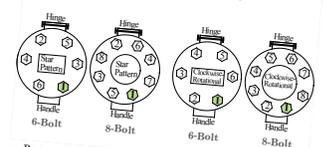


- ### 1. Inspect the Manway Area


 - Examine the bolted manway cover for imperfections, bent & broken lugs, damaged manway gasket grooves, & detrimental residue on the gasket & sealing surfaces.
 - Inspect the manway nozzle for imperfections.
- ### 2. Clean, Examine, & Install New Gaskets


 - Clean as necessary to observe imperfections.
 - Replace gaskets that have indications of abrasion, cuts, tears, or other damage that may affect the fluid sealing capability.
 - When there is a need to replace a gasket, remove the gasket from the manway cover and inspect the gasket-contact sealing surface on the cover.
 - Replace with gasket suitable for service.
- ### 3. Inspect & Lubricate the Eyebolts


 - Examine eyebolt threads and hinge pins.
 - Examine each nut to ensure same design. Replace nuts that are broken, cracked, missing or rounded.
 - Use a proper lubricant on the eyebolts, safety eyebolt(s), & bearing surface of the nuts. Ensure the lubricant is compatible with the product.
- ### 4. Identify Eyebolt Number & Tightening Sequence


 - Recognize the numbering of the eyebolts beginning with the safety eyebolt near the right side of the lifting handle.
 - Follow the numbered sequence in a star pattern when tightening each eyebolt on to the manway.
 - Select a proper tool with appropriate torque setting.
- ### 5. Preferred Torque Sequence and Value

Sequence	VSP CYCLETIGHT® or Hard Gasket		SALCO Nozzle or Elastomeric Gasket	
	6-Bolt	8-Bolt	6-Bolt	8-Bolt
1 st Pass (Star Pattern)	Snug	Snug	Snug	Snug
2 nd Pass (Star Pattern)	175 ft.-lbs.	70 ft.-lbs.	50 ft.-lbs.	45 ft.-lbs.
3 rd Pass (Star Pattern)	140 ft.-lbs.	140 ft.-lbs.	80 ft.-lbs.	70 ft.-lbs.
4 th Pass (Clockwise/Counter-clockwise)	250 ft.-lbs.	200 ft.-lbs.	115 ft.-lbs.	90 ft.-lbs.

 - ALWAYS use approved fastener lubrication on threads and nut bearing surface.
 - ALWAYS start with the #1 bolt.
 - DO NOT use a PIPE WRENCH, this will under torque, resulting in a leak.
 - DO NOT use a CHEATER BAR, this will over torque, bend the manway cover and, result in a leak.

Download the entire 'Guidelines for Hinged & Bolted Manway Assembly' at www.ethanolrfa.org/manwayguidelines

It is the shipper's responsibility to ensure that no ethanol is leaking from a tank car manway before it is shipped.

Eliminating leaks around a hinged & bolted manway protects against the risks to life, property, & the environment.

By following these steps, an operator can achieve a consistent, high-level, process of assembling a hinged & bolted manway.





The information contained herein, though believed to be accurate at the time of publication, should not be considered as legal advice or as a substitute for developing specific company operating guidelines. The authors make no warranty, expressed or implied, or assume any liability or responsibility for the accuracy, completeness, or applicability of the information presented in this document.

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Free reference card compares NFPA 704 “diamond” and OSHA GHS labels

Provided Courtesy of Occupational Safety and Health Administration, U. S. Department of Labor and the National Fire Protection Association.

WHEN OSHA ANNOUNCED LAST YEAR that it was updating its Hazard Communication Standard to include the adoption of the Globally Harmonized System of Classification and Labeling of Chemicals, many companies and emergency responders asked “How will this impact NFPA 704, *Identification of the Hazards of Materials for Emergency Response*, uses a combination of color coding and numbers to describe a hazard’s severity, and provides a simple, readily recognized, and easily understood label to assist those who are responding to an emergency such as a fire or spill. OSHA’s revised Standard, known as Hazard Communication 2012 or HC2012, is a workplace chemical information system established primarily to provide information and safe work practices for those working with chemicals on a routine basis through the use of labels, Safety Data Sheets (SDSs) and training.

The concern is that the HC2012 standard incorporates a numerical rating system that appears to be similar to NFPA 704 rating system, however the severity rating on the two standards are inverted. NFPA 704 uses a numerical of 0-4 with 4 indicating the most severe hazard. Hazard Communication 2012 uses a numerical rating system for classification of chemicals between 1-4 with a 4 rating indicating the least severe hazard. The inverse numerical rating between the two systems is primarily what creates the concern.

To address this concern, NFPA has been working with OSHA over the past year to promote awareness of the differences between the two systems. It should be noted that OSHA does not necessarily see a conflict between HCS and NFPA 704. OSHA has indicated that the GHS numbers are not relative ratings of hazards but are used for the purpose of classifying hazards into categories for proper labeling and training information. The numbers for GHS will be placed on the SDS but are not required to be on labels.

Recently OSHA and NFPA worked together to develop a “Quick Card” showing the differences between the two systems. The Quick Card can be

found on the NFPA Document information page for NFPA 704 at the bottom of the page under “Additional Information”. Or you may go directly to the Quick Card. The card can be downloaded and laminated as a two sided document that can be used for easy field reference.

The NFPA Technical Committee on Classification will continue to assess the impact of GHS incorporation into OSHA’s HC2012 standard. In the meantime,

there is no immediate plan to change the existing NFPA 704 system. The Committee recognizes that the NFPA 704 consensus standard has been protecting emergency responders, employees, and the public for over 50 years and any changes would need to be carefully considered. For updates on NFPA 704 it is recommended that you sign up for email alerts on the top of the document information page for NFPA 704. ■

	NFPA 704	HazCom 2012
Purpose	Provides basic information for emergency personnel responding to a fire or spill and those planning for emergency response.	Informs workers about the hazards of chemicals in workplaces under normal emergency conditions.
Number System: NFPA Rating and OSHA Classification System	0-4 0-least hazardous 4-most hazardous	1-4 1-least severe hazard 4-least severe hazard required to be on labels but are required on SDSs in Section 2. Numbers are used to CLASSIFY hazards required.
Information Provided on Label	<ul style="list-style-type: none"> Health-Blue Flammability-Red Instability-Yellow Special Hazards-White *OX Oxidizers *W Water Reactives *SA Simple Analytants	<ul style="list-style-type: none"> Product Identifier Signal Word Hazard Statement(s) Pictogram(s) Precautionary statement(s); and Phone address and phone number of responsible party.
Health Hazards on Label	Acute (short term) health hazards ONLY. Chronic health effects are not covered by NFPA 704.	Acute (short term) and chronic (long term) health hazards. Both acute and chronic health effects are relevant for employees working with chemicals day after day. Health hazards include acute hazards such as eye irritants, simple asphyxiants and skin corrosives as well as chronic hazards such as carcinogens.
Flammability/Physical Hazards on Label	NFPA divides flammability and instability into two separate numbers on the label.	A broad range of physical hazard classes are listed on the label including explosives, flammables, oxidizers, reactives, pyrophorics, combustible dusts and corrosives.
Where to get information to place on label	Rating system found in NFPA Fire Protection Guide to Hazardous Materials or NFPA 704 Standard System for Identification of the Hazards of Materials for Emergency Response 2012 Edition, Tables 5.2, 6.2, 7.2 and Chapter 6 of NFPA 704	OSHA Hazard Communication Standard 29 CFR 1910.1200 (2012). 1) Classify using Appendix A (Health Hazards) and Appendix B (Physical Hazards) 2) Label using Appendix C
Other	The hazard category numbers found in section 2 of the HC2012 compliant SDSs are NOT to be used to fill in the NFPA 704 diamond.	Supplemental information may also appear on the label such as any hazards not otherwise classified, and directions for use.
website	www.nfpa.org/704	www.osha.gov OR www.osha.gov/dsp/hazcom/index.html



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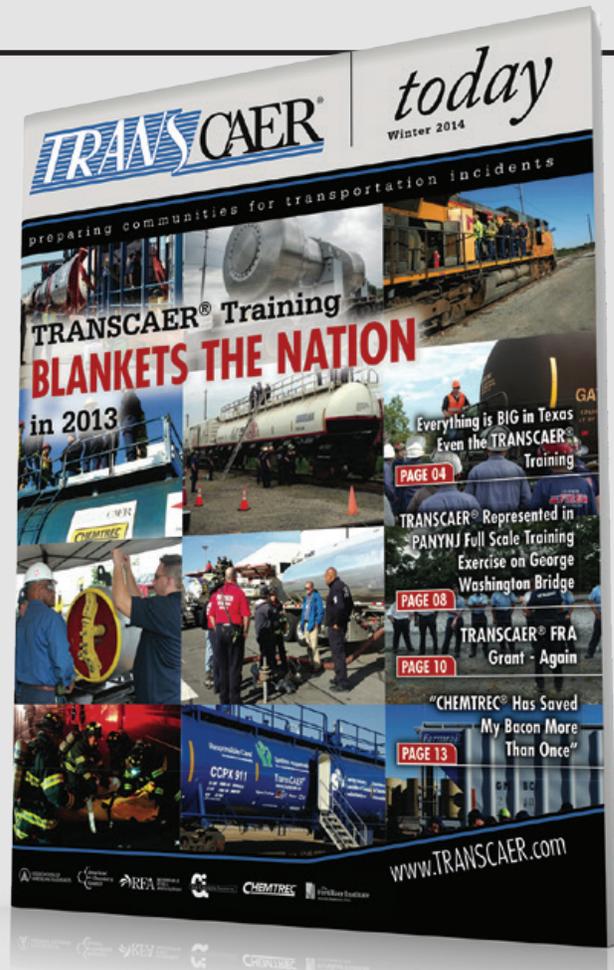
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