

preparing communities for transportation incidents

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THE  
2013

NATIONAL TRANSCAER®

AWARDS  
ISSUE

[www.TRANSCAER.com](http://www.TRANSCAER.com)



# Notes from the Chairman



Earlier this spring, TRANSCAER® was pleased to welcome the American Petroleum Institute (API) as a new TRANSCAER® sponsor. With the rapid growth of petroleum crude oil shipments in recent years, API's participation was a timely choice and a welcomed source of expertise in the various aspects of their membership's functionality. Finalization of the TRANSCAER® petroleum crude oil training program this summer will certainly benefit from the new affiliation.

You will also note the blooms stemming from so many of TRANSCAER's great folks that have made such tremendous accomplishments. We most certainly appreciate all the exceptional efforts that make TRANSCAER® outreach so well respected. Through the various forms of recognition, these special notes of appreciation and excellence recognize the fantastic contributions that the very dedicated volunteers have made to further the TRANSCAER® principles.

And speaking of events, take a look at what's been happening as all the activities have blossomed in recent months. There are lots of great examples of approaches to take to help fill the preparedness and planning gaps for emergency responders. If you do not feel like you have a 'green thumb' in the creativity garden, 'steal shamelessly' from concepts that have worked well for others in their TRANSCAER® outreach efforts.

Indeed, this year is the season for revitalization and growth. Certainly, through your involvement and great actions, TRANSCAER® has demonstrated its prowess. Look at the array of events for the coming months, too, and then see if there is an action you could take to help make emergency response and preparedness gardens really bloom.

*Ed Chapman*

Ed Chapman, Chairman,  
National TRANSCAER® Task Group  
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AMERICAN PETROLEUM INSTITUTE

## API WELCOME

TRANSCAER® is pleased to welcome the American Petroleum Institute (API) as our newest National TRANSCAER® Sponsor.

The leadership at API has agreed to work collaboratively with TRANSCAER® Team Members to identify and implement proven practices to prevent, mitigate and respond to risks associated with moving crude oil by rail.

The Washington DC based trade association is now working jointly with railroads to enhance emergency response training through TRANSCAER® to assist communities in preparing for and responding to possible hazardous materials transportation incidents.

Stay tuned for more exciting crude oil training news in our next issue of the TRANSCAER® Today magazine this Fall.



# 2013 NATIONAL TRANSCAER® AWARD RECIPIENTS RECOGNIZED FOR IMPROVING SAFETY OF TRANSPORTING HAZARDOUS MATERIALS

TRANSCAER® (Transportation Community Awareness and Emergency Response), presented recipients of its 2013 National Awards Recognition Program with their honors during the American Chemistry Council's annual Responsible Care® Conference and Expo in Miami, FL and at the Association of American Railroads 27th Annual AAR/Bureau of Explosives HazMat Seminar on May 20, 2014 in Addison, TX.

The TRANSCAER® Awards Program recognizes the achievements of individuals, companies and organizations

that exceed in advocating, demonstrating and implementing at the national and regional levels the principles of TRANSCAER®, including transportation safety, community assistance and emergency response planning and aid.

Members of the National TRANSCAER® Task Group Executive Committee also presented 121 Individual Achievement and Certificate of Appreciation Awards to those individuals nationwide who worked to advance the principles of TRANSCAER®.

The full list of current and previous award recipients is available at [www.transcaer.com](http://www.transcaer.com).

**2013 National TRANSCAER® Awards Recipients...**  
 (Left to Right): Frank Reiner, The Chlorine Institute; Ed Chapman, BNSF Railway; Brock Lowman, BNSF Railway; Pat Brady, BNSF Railway; Anthony Ippolito, CN; Kristy Moore, Renewable Fuels Association; Dave Buccolo, CCTC; David Binder, Tanner Industries, Inc.; Matt Thompson, UP; Tim Scott, Dow Chemical; Jim Kozey, CP; Dave Schoendorfer, NS.



**2013**

**NATIONAL TRANSCAER®**

**AWARDS**

*And the*

Photo by Jennifer Miller, Transportation Technology Center, Inc. Bureau Of Explosives



*Left: Romano DeSimone (CSX) & Ed Chapman (BNSF) at CSX REDI Center in Atlanta, GA*

*Right: Cal Dooley (ACC) & Gene Patten (Dana Transport) at Responsible Care Conference in Miami, FL*



# recipients were . . .

The 2013 National TRANSCAER® Awards Recipients announced by Ed Chapman include:

**National Achievement:**

- BNSF Railway
- Canadian National CN DG Team
- Canadian Pacific
- Central California Traction Company
- CSX Transportation
- DANA Transport Inc.

- Norfolk Southern
- Renewable Fuels Association (RFA)
- Tanner Industries, Inc.
- The Chlorine Institute
- The Dow Chemical Company
- Union Pacific Railroad

**Regional Achievement:**

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

**Chairman's Award:**

Rollie Shook, The Dow Chemical Company

**Torch Award:**

Ed Chapman, BNSF Railway  
Brock Lowman, BNSF Railway



# TRANSCAER® Recognizes Two BNSF "ROCK STARS" with Torch Award



BNSF Railway's Ed Chapman and Brock Lowman.  
Photo by Jennifer Miller, TTCL/BOE.

By Donna L. Lepik, TRANSCAER®/CHEMTREC®

**TWO OF TRANSCAER®'S DEVOTED LONG-TIME TEAM MEMBERS** were recently honored with the TRANSCAER® Torch Award for their commitments to ensuring communities and their emergency responders were better prepared for and to respond to possible hazardous materials transportation incidents at the AAR/BOE HazMat Seminar on May 20, 2014 in Addison TX.

BNSF's Ed Chapman, Director of HazMat and Brock Lowman, Manager of HazMat, have actively dedicated a large portion of their professional careers to the TRANSCAER® mission. Ironically, both dedicated TRANSCAER® Team Members are also slated to retire at the end of 2014.

Chapman will also complete his two-year commitment to serve as the Chairman for the National TRANSCAER® Task Group's Executive Committee in December 2014.

On behalf of the National TRANSCAER® Task Group Team Members and Executive Committee Congratulations on a job well done! Your constant demonstration of the principles of TRANSCAER® is honorable and enormously appreciated! You have made a difference. THANK YOU! ■



TRANSCAER®'s Chairman Ed Chapman of BNSF presents Rollie Shook of Dow Chemical with the 2013 TRANSCAER® Chairman's Award as David (Sophia) Binder of Tanner Industries, Inc. looks on during the annual recognition dinner in Arlington, VA. Photo by Donna L. Lepik, TRANSCAER®/CHEMTREC®



## DOW'S SHOOK RECEIVES TRANSCAER® CHAIRMAN'S AWARD

By Donna L. Lepik, TRANSCAER®/CHEMTREC®

Ed Chapman, National TRANSCAER® Task Group's Executive Committee Chairman presented the 2013 TRANSCAER® Chairman's Award to Rollie Shook, Global Associate Director of Emergency Services, CPP, The Dow Chemical Company, Past Chair National TRANSCAER® Task Group on June 17 at the Top of the Town in Arlington, VA. The Chairman's Award is recognized as a major symbol of individual commitment to the principles of TRANSCAER®. Shook was recognized for his long-term commitment and unwavering dedication to the promotion and support of this critical national hazmat training program. ■



# TRANSCAER® Thanks Team Members

2013 TRANSCAER® Chairman's Award Presentation & Recognition Dinner for TRANSCAER® National Sponsors and Honored Guests, Overlooking the Washington, DC Skyline · June 17, 2014



Group photo: (Left to Right) Donna L. Lepik, TRANSCAER®/CHEMTREC®; Lt. Brandon Aten, US Coast Guard/API; Patrick Ding, ACC; Leigh Ference-Kaemmer; Robert E. Fronczak, AAR; Chris Rollins, Swiss Post; Henry Ward, C; Suzanne Lemieux, API; Frantz Casimir, Swiss Post; Elisabeth "Beth" Treseder, API; Bill Macready; Cindy Kuranchie-Asiedu, C; Frank Reiner, C; Joy Reiner; Traci Shook; Ed Chapman, BNSF; Rollie Shook, Dow Chemical; David Binder, Tanner Industries, Inc.; Sophia Binder; Joe Milazzo, CHEMTREC®, Tom Schick, ACC.



Group photos: (Left to Right – Top to Bottom)

Chris Rollins and Frantz Casimir, Swiss Post; David & Sophia Binder, Ed Chapman, Frank & Joy Reiner, Cindy Kuranchie-Asiedu, Frank Reiner, Rollie Shook, Ed Chapman, David Binder, Henry Ward, Cindy Kuranchie-Asiedu, Frank Reiner, Tom Schick, Joe Milazzo, Suzanne Lemieux, Lt. Brandon Aten, Robert E. Fronczak, Elisabeth "Beth" Treseder, Traci & Rollie Shook, Bill Macready. Photos by Donna L. Lepik, TRANSCAER®/CHEMTREC®





ACC's Don Evans shares a moment with TRANSCAER®'s NTTG Chairman Ed Chapman of BNSF Railway and Staff Executive Donna L. Lepik of TRANSCAER®/CHEMTREC®. Photo by Tarsha Snead, Responsible Care®

## TRANSCAER® Team Bids Fond Farewell to Longtime ACC Legal Eagle

By Donna L. Lepik, TRANSCAER®/CHEMTREC®

**A**FTER 35 YEARS OF SERVICE, the American Chemistry Council's (ACC) Don Evans, Deputy General Counsel retired on July 2, 2014.

Throughout his career, Evans diligently guided members of the National TRANSCAER® Task Group Executive Committee on issues not limited to trademark/branding issues to streamlining protocols and implementing a user-friendly TRANSCAER® Team Member application process which ultimately made for a more effective and efficient method of managing an active nationwide volunteer organization.

His compassion, understanding of the program's stakeholder dynamics and his vast knowledge of the law was instrumental in the success of his behind-the-scenes engagement, which has helped to propel TRANSCAER® to becoming a recognized leader within the emergency response and transportation of hazardous materials safety realm.

Don Evans began his career in the late 1970s when ACC was known as the Manufacturing Chemists Association. Evans led a top-notch legal team of a half a dozen professionals who guide ACC staff members daily with issues ranging from compliance including antitrust, liability, ethics, lobbying and other legal and association governance requirements to representing ACC on all legal matters and providing legal counsel and support on legislative and regulatory advocacy issues.

On behalf of the entire National TRANSCAER® Task Group and the Executive Committee, we say "THANK YOU!" for always making TRANSCAER® a top priority throughout your engagement. We wish you and your family well during the next chapter of your life. ■

## TRANSCAER® Thanks Meidl for Providing Technical Insight

Article and Photo By Donna L. Lepik, TRANSCAER®/CHEMTREC®

**T**RANSCAER® often finds there are training materials and other documentation that requires technical reviews before being endorsed or approved by the organization. TRANSCAER® would like to say "Thanks" to Rachel Meidl, Director, Regulatory & Technical Affairs at the American Chemistry Council for serving as a technical representative to complete these challenges in a diligent and efficient manner.

Meidl began her tenure at ACC in July 2012 following a nine-year career as an Managing Chemist/Environmental Specialist and Supervisor at the University of California, San Diego, (UCSD) La Jolla, CA and six-years as a Senior Field Chemist/Project Manager for Clean Harbors Environmental Services, Inc. in San Diego, CA.

She has earned a double major in Environmental Chemistry and Zoology & Animal Physiology from the University of Wisconsin-Madison; a Master of Education Applied Science and Technology: Design and Instruction from National University, San Diego, CA and a Master of Science: Environmental Policy and Management from the University of Denver in Denver, Colorado.

Meidl also possesses a Field Chemist Certification, is a Certified Hazardous Materials Manager (CHMM), a OES/CalEMA Certified Adjunct Instructor, has a 40 Hour OSHA HAZWOPER Certification, and was a UCSD Staff Education Instructor and a member of the Hazardous Materials Response Team while serving as the EH&S Specialist for UCSD Campus and Community Outreach Science & Environmental Programs.

Thanks Rachel for your attention to detail and for sharing your expertise to ensure our emergency responders are better prepared to respond to possible hazardous materials transportation incidents. ■



TRANSCAER®'s Executive Committee Chairman Ed Chapman thanks ACC's Rachel Meidl, Director, Regulatory & Technical Affairs for her on-going technical support during a recent visit.



# CSX Hosts NTTG Summer Meeting at REDI Center in Atlanta

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



(Left to Right) Dara Silverman, GEMA; Ryan P. Andersen, Plains All American; Christina Garrard, GEMA; Cindy Riggan, GEMA; Stuart Streck, USDOT/PHMSA; Ed Chapman, BNSF; Robin Rorick, API; Barry Morton, CSX; Erin Murray, KÖPPERS; Ben Badon, Hess; Joe McCann, CSX; Keith Silverman, Ashland; Frank Reiner, CI; Dave Buccolo, CCTC; Matt Thompson, UP; Rollie Shook, Dow Chemical.



Dara Silverman of GEMA tries her hand at working on the railroad.



CSX REDI Center outdoor rail training props in Atlanta, GA.

**CSX TRANSPORTATION TRANSCAER® TEAM MEMBERS** graciously hosted the Summer 2014 National TRANSCAER® Task Group meeting at the CSXT Railroad Education and Development Institute (REDI) Center on June 3, 2014 in Atlanta, GA.

Members of the National TRANSCAER® Task Group, State Coordinators and special guests were treated to a behind-the-scenes tour of this state-of-the-art REDI Center.

Since its opening in 2005, more than 12,000 students have gained professional training as conductors, locomotive engineers, management trainees, yardmasters, communications and signal works, track workers, and more. The REDI Center is the starting point for training that is critical to professional railroaders who are employed at CSX.

Besides the full tour, members of the TRANSCAER® Team also enjoyed time to practice on the locomotive simulators, along with a briefing from the center's general manager.

On behalf of the NTTG Executive Committee, a Big Thank YOU to Romano DeSimone, Barry Morton, Shawn P. Reedy and the rest of the CSX Team for your fantastic southern hospitality. ■



Keith Silverman of Ashland takes a seat in one of CSX's locomotive simulators.



# Meet Our Team

## Meet Our TRANSCAER® Team Members - State Coordinators



### JENNIFER PARIS

**Emergency Management Specialist III**  
Fairfax County's Department of Public  
Works and Environmental Services  
Fairfax, VA  
[Jennifer.Paris@fairfaxcounty.gov](mailto:Jennifer.Paris@fairfaxcounty.gov)

### Virginia

Jennifer Paris recently relocated to Virginia after accepting a position to build the Wastewater Emergency Management Program for Fairfax County's Department of Public Works and Environmental Services. Her background includes 14 years with the Florida Department of Environmental Protection, working mainly within the Water Resource Management Regulatory Program. About four months prior to one of the Nation's largest oil spills into the Gulf of Mexico, she switched gears to DEP's Office of Emergency Response where she managed the Tallahassee and Jacksonville Offices, covering 26 Counties in Florida. While deployed for the Deepwater Horizon Response throughout 2010 and 2011, her roles ranged from Planning, Operations, Team Coordination and activations at the State Emergency Operations Center. She also responded to environmentally hazardous incidents, working frequently with Department of Transportation,

Fire Rescue, Florida Highway Patrol, local authorities and contractors. Additionally, she was a member of Florida's Environmental Response Team (ERT) a state-wide multi-agency team with capabilities to respond to a WMD and/or large-scale CBRN incident. Specifically, her role was within the Assessment/Collections Unit. She received OSHA HazWOPER Trainer Certification through the EPA's extension provider program in 2011 and Hazardous Materials Technician Certification in 2012. She has passions to work towards bringing more awareness for better first responder protection and conservation of marine life. Ms. Paris holds a bachelor's degree in Marine Biology, with a minor in Environmental Science from the University of West Florida and is working towards a Graduate Certificate in Emergency Management from Florida State University.



### JUSTIN KATES

**Director of Emergency Management**  
City of Nashua  
Nashua, NH  
[KatesJ@nashuanh.gov](mailto:KatesJ@nashuanh.gov)

### New Hampshire

Justin Kates joined the mayor's cabinet in August 2011 as the Director of Emergency Management for the City of Nashua. Coordinating city-wide emergency response efforts, working with Federal, State, and other Municipal governments on obtaining the necessary resources to recover after a disaster, developing the All-Hazards Emergency Operations Plan for the city and chairing the Local Emergency Planning Committee are all parts of his responsibilities.

Prior to joining Nashua, Mr. Kates was an emergency management consultant for the Delaware Emergency Management Agency, developing plans on communications interoperability, citizen notification systems, special needs programs, and volunteer management. He has served numerous emergency operations center activations as the

Communications Unit Leader, Situation Unit Leader, and most recently the Planning Section Chief. In addition, he helped develop the State of Delaware Citizen Corps program, a program intended to educate citizens of the disaster risks in their community and to leverage them as volunteers.

Mr. Kates has served as a volunteer in the emergency services field as an amateur radio operator, volunteer firefighter, and Red Cross volunteer. He is a current member of the International Association of Emergency Managers.

Mr. Kates is a graduate of the University of Delaware where he majored in Emergency Management and Public Administration. He resides in Nashua.





### **CHRISTINA GARRARD**

**LEPC/HMEP Coordinator**  
**GA Emergency Management Agency/**  
**Homeland Security**  
**Atlanta, GA**  
*Christina.Garrard@gema.ga.gov*

## Georgia

My name is Christina Garrard and I am the LEPC/HMEP Coordinator for the State of Georgia Emergency Management Agency, Office of Homeland Security. My duties include liaising for and with the State Emergency Response Commission (SERC), providing guidance to our Local Emergency Planning Committees (LEPCs), managing the Hazardous Materials Emergency Preparedness (HMEP) grant, and facilitating hazardous materials planning/training in the state for our first responders and emergency managers. TRANSCAER® fits perfectly into my job duties and I am hoping that I can help to ameliorate the communication and interaction between our industry partners and emergency response community.

I have a background in emergency management planning and community organizing with local, state, and federal entities. Much of the focus of my career thus far has been on capacity building with vulnerable populations, which I expanded my knowledge on by getting a Master's in Hazards Geography from the University of South Carolina. When my nose is not to the grindstone, I enjoy playing soccer and traveling internationally.



### **GREG "SPINNER" VAUGHAN**

**Corporate Emergency**  
**B&P Enterprises**  
**Response Manager**  
**Walls, MS**  
*Spinner@bandpent.com*

## Mississippi

Greg "Spinner" Vaughan began his emergency response career over 25 years ago as a volunteer firefighter which led to a career firefighter position in North Mississippi and later became a Senior Instructor with the State of Mississippi's State Fire Academy for seven years. He trained volunteer and career emergency responders along with industrial students from the private sector in programs such as rope rescue, confined space rescue, specialized rescue, hazardous materials, firefighting and Incident Management programs from basic to advanced levels. "Spinner" Vaughan transitioned into the private sector as an emergency response contractor, where for the last 10 years, he has responded to and managed numerous planned and emergency response projects across the country from all five modes of transportation and fixed facilities from all hazards. He has worked on a variety of high hazard projects including compressed gas commodity transfers, facility explosions and fires, vent & burn operations, vessel fires, specialty rescue operations, fuming acids facility decontamination and decommission, above ground storage tank fires, pressure vessel hot-tap operations and large scale derailments while interacting with local, state and federal regulatory agencies. In addition, he has been a guest instructor for the DuPont and CN Coer Car and University of Memphis Intermodal Freight Institute programs. "Spinner" Vaughan currently serves as the Corporate Emergency Response Manager for B&P Enterprises, a full service emergency response contracting company serving the needs of its clients for over 38 years across the South East U.S.



### **ANDREW ROSE**

**HazMat Program Manager**  
**TN Emergency Management Agency**  
**Nashville, TN**  
*arose@tnema.org*

## Tennessee

Andrew currently holds the position of hazardous materials program manager at the Tennessee Emergency Management Agency. Andrew is responsible for the hazardous materials training curriculum for the first responders of TN, the SARA Title III program (including Tier II reporting and TRI), State hazardous materials team certification and is the advisor to the SERC.

Andrew has over 20 years of experience in public safety as a fire captain, paramedic and hazardous materials technician and holds associate degrees in Fire Science Technology and Paramedicine. Andrew serves on the FEMA Region IV Regional Response Team and is a member of NASTTPO.

In his spare time Andrew is an avid IDPA (International Defensive Pistol Association) competition shooter, a state firearms instructor and loves to play golf.

**VIEW A FULL  
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# Announcing...TRANSCAER® Training Tour: 2014 Michigan Tour

TRANSCAER® (Transportation Community Awareness and Emergency Response) Training Tours will be hosting training sessions in **Michigan July – August 7**. This tour is sponsored by The Dow Chemical Company, CN, Dana Transport, Inc., The Firefighters Education and Training Foundation, CHEMTREC®, The Environmental Quality Company (EQ) and many other local supporting agencies.

TRANSCAER® is dedicated to educating emergency responders and their communities and includes training cars from the Firefighters Education and Training Foundation.

The model-based training curriculum is designed to meet the needs of various stakeholder groups and is **free** to all participants. To better meet these needs, two training tracks have been developed. Both are offered each day of training.

**Track 1** - General Awareness for Non-responders

**Track 2** - Hazmat Tech Training which includes Tank Car Anatomy; Capping Kits (Midland and C-Kit); Responding to TIH/FG Emergencies; Leaks Approach, Investigation and Mitigation; and Tank Truck Course.

| Training Sessions | Date                               |
|-------------------|------------------------------------|
| Detroit           | July 15 & 16                       |
| Flint             | July 23 & 24                       |
| Midland           | July 29 & 31<br>August 1, 4, 6 & 7 |

Classes are limited, so sign up early however, walk-ins are always welcome.

#### Tour contact:

Pete Kirk , The Dow Chemical Company  
 Phone: 989-205-9141  
 Email: [pdkirk@dow.com](mailto:pdkirk@dow.com)



As part of the emergency preparedness training, community leaders are invited and encouraged to attend an awareness course to learn how they can elevate their assistance and communication to the community.

For more information or to register for the Michigan TRANSCAER® Tour, visit the National TRANSCAER® site under [EVENTS](#) at <http://www.transcaer.com/events.aspx>.

To get information about training course content and training equipment, visit the Dow TRANSCAER® site, under [CURRICULUM](#) at <http://www.dow.com/transcaertours/about/curriculum.htm>.

#### What is TRANSCAER®?

TRANSCAER® (Transportation Community Awareness and Emergency Response) is a voluntary national outreach effort that focuses on assisting communities to prepare for and respond to a possible hazardous material transportation incident.

The **Michigan Tour** is part of Dow's long-term sustainability commitment to provide improved community awareness and preparedness along chemical transportation routes, in coordination with national, regional and state TRANSCAER® programs.



®The DOW Diamond is a trademark of The Dow Chemical Company

®TRANSCAER is a trademark of Transportation Community Awareness and Emergency Response



## Florida TRANSCAER® is BACK ON TRACK!

By Paul Wotherspoon, Florida Division of Emergency Management & TRANSCAER® State Coordinator for Florida

Photos by Manny Cela, South Florida Regional Planning Council



CSX Safety Train getting prepared for TRANSCAER® Training in Fort Lauderdale.

**S**EVERAL YEARS AGO, Florida's TRANSCAER® coordinator stepped down to fulfill personal commitments and the once thriving program began to experience difficulty maintaining traction. Additionally, Federal, State and local training funds dried up and created a training vacuum.

During quarterly SERC, LEPC and Training Task Force meetings it became evident there was a need to identify alternatives.

In my capacity as a senior staffer to the State Emergency Response Commission on Hazardous Materials (SERC) and the Chief, Technological Hazards for the Florida Division of Emergency Management, I felt I was in the ideal position to take the reins and attempt to fill the void of my successful predecessor.

The TRANSCAER® program accepted my application, and my first thought was, "I'm on my way to some great and fascinating opportunities!"

The events I had been reading about in TRANSCAER® Magazine were exciting, and I was equally excited about getting involved in them myself.

For guidance, I reached out to Donna L. Lepik of TRANSCAER®/CHEMTREC® and Henry Ward at The Chlorine Institute. Henry had already put together an incredible training program and I thought would serve as an excellent basis for my first training event.

The first responder community had expressed concerns for a variety of training needs, so it was decided that rather

than a single subject event, we would incorporate multiple opportunities at multiple locations.

My initial planning team and I immediately realized that we would need some serious support to accomplish our goal.

We were grateful for the willingness of a multitude of organizations that, over the course of more than a dozen meetings, recognized the need for training opportunities and were eager to contribute.

The Florida TRANSCAER® Tour 2014 was born.

On the day of the event, I reflected on just how far we would come to get to this point. After all of the work, and coordinated effort, I was anxious to see our first training exercise succeed under my leadership, and I could not wait for my team to see our collective effort pay off! We had planned for everything. We had built in redundancies. We had planned for the unimaginable and improbable, and we were absolutely convinced we were ready to go!

Then it happened...

Just as the Safety Train rested on the siding at the CSX Transflo Facility in Jacksonville on day one of the tour, the temperature dropped into the low 50's, and the rain »





Virgil Fowler of Potash Corp provides properties of anhydrous ammonia in Fort Lauderdale.

Michael Gettinger, U.S. Environmental Services, provides training on tank car protective housings and fittings in Fort Lauderdale.

began to fall. I thought, "THIS IS FLORIDA!"

After all the planning and coordination, I could see the event going down the proverbial loo! I had volunteer instructors from Virginia, south Florida and Alabama. I had tents set up, and food courtesy of a TRANSCAER® grant scheduled to arrive at noon!

As my anxiety rose, the cars began to arrive, a few at first, then a steady stream, culminating with the arrival of the HazMat trucks.

If you plan it, they will come. . .

Each stop in the four-city, eight-day tour — Jacksonville, Ft Lauderdale, Tampa and Pensacola — required relocating the Safety Train, which CSX orchestrated flawlessly, and providing two days of training, beginning each day with the CSX presentation of Rail Car 101. Each student was given the opportunity to attend Chlorine, Anhydrous

Ammonia and Ethanol classes that ran concurrently and were offered both days.

From that cold and wet start the last week in January at the CSX Transflo Facility in Jacksonville to the cold and wet ending at the CSX Transflo Facility in Pensacola during the first week in March, we experienced success on a level that I do not think any of us expected.

In total 539 first responders from state, federal and local agencies and non-profit organizations received over 3,000 hours of superlative hands-on and classroom training from some of the best instructors with whom I have ever had the pleasure of working.

The student evaluations received after each day of training were overwhelmingly positive. Our success has resulted in almost non-stop requests for us to repeat this type of training. As the result, we have already begun planning for Florida TRANSCAER® 2015.

In closing, I would like to express my sincere thanks and genuine debt of gratitude to the partner organizations that helped us turn this challenging undertaking into a tremendous success. Among these are:

Florida Division of Emergency Management, TRANSCAER®, American Chemistry Council, The Chlorine Institute, Tanner Industries, Inc, CHEMTREC®, The Renewable Fuels Association, CSX Transportation, The Firefighters Education and Training Foundation (Safety Train), Florida East Coast Railroad, Allied Universal, Brenntag, ERCO Worldwide, US Environmental Services, Olin Logistics, Arrow Material Services and the Local Emergency Planning Committee.

Thanks to these organizations and to all of the individuals whose shared vision and enthusiasm helped to make a difference. This is clearly why we do what we do. ■



## 2014 Off to a Busy Start for NS TRANSCAER® Efforts

By Robert Wood, Norfolk Southern

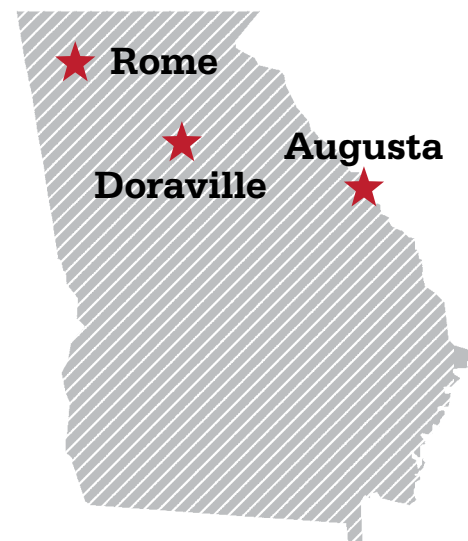
**T**RANSCAER® TRAINING IS OFF TO A BUSY START IN 2014. Norfolk Southern conducted a tour using the DuPont training CAER cars in Georgia. First responders received training for Safety around the Railroad, Responding to Emergencies on the Railroad, and Responding to Emergencies Involving Ethanol and Crude Oil. The course included classroom and hands-on training and was approved for hazmat training hours by the Georgia Public Safety Training Center.

The tour started in Rome, GA on February 21 after Mother Nature delayed the scheduled start by one day. Norfolk Southern hosted the three-day event at their Forestville Yard. The Rome Fire Department was unfazed by the delay and turnout was enthusiastic.

The tour was immediately off to the next stop in Doraville, GA. The three-day event, held at the Norfolk Southern Doraville Yard, started on February 25. The training was attended by first responders from eight fire departments in the Metro Atlanta area. Classes were filled to capacity.

The final stop on the Georgia Tour was held in Augusta, GA. The three-day event was held at our Augusta Yard starting on March 11.

The three-city tour provided training to 250 first responders. Ice storms here in the Deep South caused the cancellation of two additional TRANSCAER® training events in Morrow, GA and Dorchester County, SC. Members of the NS Team will makeup these events later in the year. ■



## NS Hosts TRANSCAER® Rail Training in Danville

Article and Photo By Paul Williams, Norfolk Southern

**N**ORFOLK SOUTHERN sponsored rail oriented hands-on training for local emergency at the NS yards in Danville, VA the week of March 24 as part of the TRANSCAER® initiative. Almost 100 responders from the cities of Danville and South Boston, VA, as well as, the Halifax and Pittsylvania Counties, received training on responding to rail related hazardous materials incidents.

Assisted by Danville Assistant Fire Chief Steve Dishman and Brian Thurman from the Virginia Department of Environmental Management, Norfolk Southern provided an instructor 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 help educate responders on how to respond to possible leaks of hazardous materials that travel through the



*City of Danville emergency responders train on the DuPont CAER tank cars.*

area. Responders were able to venture inside the accompanying boxcar for classroom education and to view cut-away sample of multiple valves and fittings.

Responders were also trained in various aspects of rail and tank car safety. Learning to apply handbrakes to prevent a rail car from moving in the event of an

accident was also offered. 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 they operate at speeds, which can be deceiving. ■





Training on the Midland Kit. Photo by Glenn Duda ([www.allhandsworking.com](http://www.allhandsworking.com))

# MOTHER NATURE NO MATCH FOR DOW TRANSCAER® TOUR

By Zach Dunkelberger, The Dow Chemical Company

**T**HE 2014 NORTH EAST TRANSCAER® TOUR was sponsored by The Dow Chemical Company who teamed with DANA Transport, Kuehne Chemical Company, CSX and Conrail, the Firefighter Education and Training Foundation, CHEMTREC® and many other local supporting agencies. The first leg of the tour was held at the TRANSFLO CSX yard in North Haven, CT (April 28 – 30). While the weather did not cooperate for the duration of the tour there was an excellent turnout for each of the three days of training (150 students in total).

On Tuesday, April 29, corporate officials from TRANSFLO visited the training site and participated

in a guided tour hosted by John O'Neill of The Firefighters Education and Training Foundation.

The last of three days in North Haven was very cold and rainy, a true Nor'easter. However attendance was still good with 42 firefighters participating. With bad weather approaching, the entire team engaged, making adjustments to the rotations in modules, setting up tarps and pop-up tents and in the end were able to accommodate all six training stations and hands-on sessions.

A big thank you goes out to the entire team who helped make this part of the tour a great learning opportunity for all the students – Dana Transport, Keenan Transport, Kuehne, the Dow Bristol team,

CT TRANSCAER®, CSX TRANSFLO yard staff, The Firefighters Training Foundation, John O'Neill and many others all working together to put on a great training event in very lousy conditions.

Very positive feedback continues to be the norm regarding the overall program; the professionalism and knowledge of the instructors; excellent information to use on the job; great hands on experience. Even in bad weather, our team of instructors consistently delivers high value information and hands-on opportunities.

Friday, May 23rd was the last of three successful days (May 21-23) of training at the TRANSCAER® event held at the Conrail Port Reading, NJ yard



and the last day of the 2014 North East Tour. 150 students attended the event for both the awareness overview and full day programs. Representatives from area fire departments, county hazardous materials teams, law enforcement, railroad sector, county health, along with NJ State DEP were well represented throughout the three day event.

Again, participants give the team very high marks for both the program and instructors knowledge and continually request that the tour return to the area so that others can attend this highly recommended training program.

We cannot forget to thank all those who

support our team members to allow us to present and conduct these tours which provide valuable information and knowledge to First Responder's, community members and our regulatory partners. Without the backing of the overall organizations, volunteers and partnering companies supporting the TRANSCAER® effort this outreach and mission cannot happen. A well run TEAM such as this cannot run without our leadership support.

Additional tour support was provided by Crestwood, Federal Railroad Administration, Trans Flo North Haven CT Yard, Conrail, Port Reading NJ Switching Yard, Connecticut State TRANSCAER®

Coordinator and Volunteers, and New Jersey State TRANSCAER® Coordinator and Volunteers.

Thank you to everyone and to all of the companies who provided the equipment, the logistics and the instructors to make these TRANSCAER® training events possible.

A great big thank you goes out to Keith Muratori ([www.firegroundimages.com](http://www.firegroundimages.com)), Glenn Duda ([www.allhandsworking.com](http://www.allhandsworking.com)) and all the TRANSCAER® Team Members who helped to make this a great event. Without all of you, this event would not have been such a huge success! We look forward to seeing everyone back next year. ■



You can scan the QR code to see Drone footage of the event supplied by Keith Muratori ([www.firegroundimages.com](http://www.firegroundimages.com))

*Clockwise from top left: Dana Transport's Safety Manager Jon Cragg explains to internal valve operation on their multi-compartment, multi-specification liquid bulk cargo tank trailer - Photo by Glenn Duda ([www.allhandsworking.com](http://www.allhandsworking.com)); Into the classroom and out of the rain for a rail car anatomy class, Students perform leak mitigation hands on skills, North Haven Ct. Photo by Zach Dunkelberger, The Dow Chemical Company; The Dow Chemical Safety Train is Set Up To Kick Off North East TRANSCAER® Training Tour in New Haven Connecticut - Photo by Joaquin Silvia.*



## Norfolk Southern Adds Crude Oil Module to Emergency Responder Training

By Susan Terpay, Norfolk Southern Corp



Conrail Manager of Hazardous Materials Allen Richter instructs emergency responders on how to be safe when working on around railroad tracks and equipment during a three-day training class at Essington, Pa.

**N**ORFOLK SOUTHERN is adding a crude oil component to its railroad incident safety and response training for first responders along segments of its rail network where it is hauling increased shipments.

“Norfolk Southern is committed to moving crude oil safely, but in the event of an incident we want to provide emergency responders with the knowledge and skills they need to be prepared,” said David Schoendorfer, NS manager hazardous materials.

Norfolk Southern and Conrail brought the DuPont training car to Essington, Pa., April 22-24. A total of 110 people attended one of seven, four-hour training classes. Hazardous materials specialists explained the different chemical and physical properties of light Bakken crude oil and heavy Canadian Tar sands crude

oil and response considerations.

Crude oils have varying degrees of sulfur, color shades and consistencies, but they share one characteristic — they all are flammable,” said Bill Oertly, Norfolk Southern hazardous material compliance officer. “It’s just a question of how easy do they ignite.”

Oertly said three actions are integral to a response: constant monitoring of vapors, liquids or any other materials; prevention of migrating to water and other surfaces; and containment.

“Every rail car has a unique initial and number,” he said. “Get a car number, and call the railroad or get the paperwork from the train’s conductor. The paperwork includes information such as what hazardous materials are on the train. It is very

important to get a Safety Data Sheet from the shipper so you know the characteristics of the specific product in the tank car.”

J. Lawrence Bak, Delaware County’s deputy emergency management coordinator, called the training, “priceless.”

Mike Evans, chief of Green Ridge Fire Co. in Aston, said it was very informative to see the equipment and climb on the tank cars.

Conrail Manager of Hazardous Materials Allen Richter told responders, “It’s critical that you have a basic familiarity with track safety and railroad equipment and know how to coordinate with Conrail and Norfolk Southern. You will get there first. We want you to be able to tell us what you see so that we can help you respond.”



*The crude oil training is part of the Transportation Community Awareness and Emergency Response initiative. Participants also spent about 90 minutes inside a converted rail boxcar-turned-classroom reviewing railroad protocol and the anatomy of a locomotive before they climbed atop a tank car – altered for training purposes – and examined valves, fittings and pressure-release devices.*

*- Joey Harrison, Sharp Energy*



Bill Oertly (right) of NS provides hands-on training

Among those attending the classes were representatives from SEPTA, Boeing, Clean Venture, Sharp Energy, Monroe Energy and Eddystone Rail Co. The Pennsylvania Department of Environmental Protection and the Emergency Management departments for Delaware, Montgomery, and Chester Counties attended the sessions as well

as individuals from police and fire departments in Downingtown, Phoenixville, Lower Merion Township, Marcus Hook, Kennett Township, Upper Providence Township, and Pottstown, Pa., and Wilmington, Del.

Scott Musselman and Don Kelly, Upper Providence Township Fire Department. ■

**Airgas**   
ACE PROGRAM

## Airgas Container Emergencies Program

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



## Airgas Container Emergencies Program

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

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

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## Product Stewardship in Action – Community Emergency Response Drill

### DuPont Chemicals and Fluoroproducts (DC&F)

By Mark J. Salzbrenner, Technical Service Sr. Consultant



*Simulated Fuming Sulfuric Acid Release from Tank Trailer. John Stecher from the DuPont Edgemoor TiO<sub>2</sub> Plant (member of NCCIHMR) in orange suit. Photo: Gerry Carpenter from DuPont*

**O**N SATURDAY MARCH 29, 2014 the Sulfur Products Business, in conjunction with the New Castle County Local Emergency Planning Committee (NCC LEPC), the Delaware Department of Natural Resources and Environmental Control (DNREC) and Honeywell (customer), sponsored a very successful Emergency Response drill. The drill, held in an industrial area of Claymont, Delaware, involved a simulated traffic accident causing a release of the fuming sulfuric acid which affected the local area. A non-hazardous smoke generator was used to simulate the leak on the fuming sulfuric acid tank trailer.

Approximately seventy people representing ten organizations actively participated in the drill. The goals of the drill were:

- Test the DuPont Integrated Emergency Response Team (IERT) and local community emergency response communication systems,
- Test the response times of the various industry and community organizations,
- Provide a “hands-on” training exercise for the New Castle County Industrial Hazardous Materials Response Association (NCCIHMR) responders.

Planning for the drill started about seven months before the scheduled date of the drill. Prior to the drill DuPont Sulfur Products Technical Service group provided Emergency Response training during two sessions for the local community emergency

response teams. Seventy-five people attended the training sessions, held in the evenings to accommodate the volunteer responders.

“The full scale Fuming Sulfuric Acid exercise held on March 29 in New Castle County was an excellent example of how well Public Agencies and Industry can work together within our communities. The DuPont Sulfur Products Business has a long history of sponsoring and conducting this type of product stewardship and will continue this public-industry outreach in the future” said Todd Owens, DuPont Sulfur Products Global Business Manager.

David H. Irwin, New Castle County Local Emergency Planning Committee Chairperson added “On behalf of the Local Emergency Planning Committee for New Castle County, I want to thank the DuPont Company Chemical & Fluoroproducts Business for sponsoring the full scale Fuming Sulfuric Acid exercise on Saturday, March 29, 2014. The commitment and leadership demonstrated by DuPont personnel throughout the entire planning and evaluation process, coupled with the technical expertise that DuPont displayed during the first responder training sessions and the use of an actual Fuming Sulfuric Acid tank trailer, were critical to making the drill such an overwhelming success. Thanks to your efforts the First Responders of New Castle County are better prepared to safely respond and protect the community in the event of an incident involving Fuming Sulfuric Acids.”

Other Product Stewardship offerings provided by the Sulfur Products Business include product specific safety seminars and symposiums, spill mitigation “hands-on” training workshops and periodic safety surveys of customer facilities. ■

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For more information on the emergency response drill planning and execution, or other Product Stewardship offerings for Sulfur Products, contact Mark Salzbrenner ([mark.j.salzbrenner@dupont.com](mailto:mark.j.salzbrenner@dupont.com)) or Amy Blanton ([amy.r.blanton@dupont.com](mailto:amy.r.blanton@dupont.com)).

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# Tanner TAMES TIGER Across the US

By David Binder, Tanner Industries, Inc.

*Courtesy Photo. IAFC group photo following trailer review – Happy To See “Tiger” Contained.*

*Photo by Michael Moore, Safe Transportation Training Specialists, Inc*

**T**RANSCAER® WAS AT THE INTERNATIONAL HAZARDOUS MATERIALS RESPONSE TEAMS CONFERENCE in Baltimore, MD in June. David Binder, Director of Quality, Safety and Regulatory Affairs for Tanner Industries, Inc. and a member of the National TRANSCAER® Task Group Executive Committee presented two half-day sessions on ammonia response entitled Taming the Tiger In The Tank - Tactics & Tabletops for Anhydrous Ammonia.

This is the “T5” Tiger series and included a classroom review of an emergency response guide card for anhydrous ammonia, which follows the sequence of a hazmat incident and provides specific reminders, tactics and information for handling anhydrous ammonia safely, effectively and efficiently. That was followed by short tabletop scenarios with team play, providing some fun and entertainment, but more importantly allowing for some practical application in dealing with the tiger when it gets out in real life incidents.

The classroom sessions were followed by an up

close and personal look at an anhydrous ammonia cargo trailer. Tanner Industries, Inc. brought a trailer to the conference and attendees had an opportunity to review the trailer’s markings, configurations, valving, and transfer equipment.

The Anhydrous Ammonia Taming The Tiger serious has been a huge hit at various conferences throughout the country including the Nebraska HazMat Symposium (Kearney, NE) in April, the Delaware State HazMat Training Workshop (Dover, DE) in April, and the Bureau of Explosives/Association of American Railroads HazMat Seminar (Addison, TX) in May.



*Live ammonia release drills at the Delaware State Conference.*

*Photo by Meghan Brennan*

Live ammonia release drills were conducted at the Delaware program with personnel practicing tarp and cover control and containment tactics with ammonia.

Upcoming programs in 2014 will include sessions at the Arkansas State HazMat Symposium (Little Rock, AR), Massachusetts Association of Hazardous Materials Technicians State Conference (Plymouth, MA), Continuing Challenge (Sacramento, CA), all in September and projections for the Houston Hotzone HazMat Conference in October. ■



## TRANSCAER® Message Reaches Diverse Audience

By Kegan Pakula, Carus Group Inc.

**R**ECENTLY, National TRANSCAER® Task Group Executive Chairman, Ed Chapman, took the TRANSCAER® message off the beaten track, speaking to a crowd in which local community members, countywide citizens and retirees listened and asked questions just as attentively as the first responders in the room.

Mr. Chapman, Director of Hazardous Materials for the BNSF Railroad, was the guest speaker at a LaSalle-Peru-Utica Community Advisory Panel (LPU CAP) meeting hosted in Peru, IL by Carus Corporation. The LPU CAP provides members of the three Illinois communities, various state and county officials, area emergency response and law enforcement agencies, as well as interested local citizens, a chance to meet regularly with management from four local American Chemistry Council (ACC) member companies (Carus Corporation, Air Products and Chemicals, Inc., Flint Hills Resources, and PQ Corporation).

The March 20 meeting was dedicated entirely to TRANSCAER® awareness, featuring a presentation on the mission and history of the effort.

“The meeting provided the TRANSCAER® organization an opportunity to present to the communities the availability of product specific training exercises and information and to showcase the many resources available to first responders at no cost to local communities. It also served as an opportunity to show our community stakeholders the great lengths to which the chemical industry and their rail and highway carrier transportation partners go in order to safely and responsibly operate in the many communities along transportation routes,” said Ed Stec, Carus Group’s Vice President



Ed Chapman Presents TRANSCAER® Overview To CAP in Peru IL on March 20 2014. Photo by John Speelman

of Environmental, Health, Safety, Security, and Commercial Services.

Carus Group companies partner with TRANSCAER® to train emergency responders along high volume-traffic locations throughout the country. Even though the LPU area does not have an appreciably high volume of HAZMAT transportation, many of the responders have cooperative assistance agreements with neighboring communities to assist when needed.

“The TRANSCAER® initiative is very well known within the chemical and transportation industries, but the public doesn’t often see what goes on behind-the-scenes in order to ensure the safety of transporting hazardous materials,” said Stec, “It was rewarding to see members of our community engaged in the effort and eager to learn more.” ■



## Fairfax HazMat Takes in TRANSCAER® Tank Truck Training

By Tom Ferguson, Fairfax County Fire & Rescue Department

Photos by Bill Skomrock, DisTech, LLC (a Subsidiary of The Kenan Advantage Group, LLC)

**O**N MAY 20 TO 22, Fairfax County Fire & Rescue Department’s hazmat team held a team drill on highway tank truck emergencies. TRANSCAER® representatives from Quality Distribution, Keenan Advantage Group and HEPACO were on-hand to help instruct the hazmat responders on MC306/DOT 306, MC 307/DOT 407, MC 312/DOT 412 tank features, off-loading procedures, tank damage assessments, engaging CHEMTREC® and tank security locks were examined through classroom and hands on sessions. In total 180 hazmat responders participated in the drill. The responders gained new knowledge of the different tanks making the drill very successful. Fairfax County’s hazmat team looks forward to working with TRANSCAER® again to make next year’s drill even bigger and better. ■

Fairfax County Fire & Rescue Department’s HazMat Team poses with TRANSCAER® Team Members following the three-day exercise drill and training.



Fairfax HazMat step out of the sun for some engaging classroom training.



Members of the Fairfax County HazMat Team prepare for up-close highway tank truck training.



# CSX DELIVERS TRANSCAER® TRAINING IN FLORIDA AND MISSISSIPPI

Article & Photos by Cliff Stayton and Chris Machenberg of CSX Transportation



The Jackson County HazMat Team during the training exercise in Pascagoula MS on April 24th, using the Safety Train provided by the Firefighters Education and Training Foundation.



MSERR (Mississippi Export Railroad) locomotive at the MILS (Miller Intermodal Logistics Services, Inc) facility in Pascagoula MS., during the April training.



Responders gain hands-on valve training on the flat car.

**A**S PART OF THEIR COMMITMENT TO COMMUNITY SAFETY, CSX Transportation in conjunction with other TRANSCAER® Team Members began a multi-stop training tour in Florida commencing in January. The TRANSCAER® Tour launched in Jacksonville moving on to Ft. Lauderdale, Tampa and ending in Pensacola.

This well-orchestrated FREE TRANSCAER® training tour provided first responders and emergency management personnel from

throughout the state of Florida with a combination of classroom training and hands-on experiences specific to railroad safety and managing incidents involving anhydrous ammonia, chlorine and ethanol. More than 400 participants took part in this training throughout Florida.

Trainers for these events from CSX were Chris Machenberg, Tim Gruhlke and Cliff Stayton along with Henry Ward of The Chlorine Institute and Paul Wotherspoon from the Florida Division of Emergency Management.

Trainers from CSX Transportation in collaboration with members from the Mississippi Export Railroad, MILS (Miller Intermodal Logistics Services, Inc.) and the Jackson County Local Emergency Planning Commission provided training to 64 first responders from April 22 to 24 using the Safety Train and the Emergency Response to Railroad Incidents training program. Personnel from Moss Point and Pascagoula Fire Departments experienced live hands-on exercises with the opportunity to utilize chlorine-capping kits. ■



## Don't Be Caught Unprepared in a Pressure Tank Car Emergency



### Emergency Response Kits

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.

**Emergency Response Kit components are packaged in durable, long-lasting carrying cases and organized for easy access - when every second counts, count on Midland.**

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| Item | Qty. in Kit | B-240 Bill of Material             |             |            |
|------|-------------|------------------------------------|-------------|------------|
|      |             | Part Name                          | Material    | Part No.   |
| 1    | 1           | Large Pressure Relief Valve Cover  | Steel       | 240-1-CS   |
| 2    | 1           | 2" Angle Valve Cover               | Steel       | 240-2-CS   |
| 3    | 1           | Gaging Device/1" Angle Valve Cover | Steel       | 240-3-CS   |
| 4    | 1           | Small Pressure Relief Valve Cover  | Steel       | 240-4-CS   |
| 5    | 1           | Sample Valve Cover & Beam Assembly | Alum./Steel | 240-5-XL   |
| 6    | 1           | Cross Arm Channel Assembly         | Alum.       | 240-6-AL   |
| 7    | 1           | Screw & Block Assembly             | Steel       | 240-7-CS   |
| 8    | 4           | Tie Bar                            | Alum.       | 240-8-AL   |
| 9    | 8           | Tie Bar Pin 5/8"                   | Steel       | 240-9-CS   |
| 10   | 1           | Thin Tie Bar                       | Alum.       | 240-10-AL  |
| 11   | 1           | Tie Bar Pin 7/16"                  | Steel       | 240-11-CS  |
| 12   | 2           | Porthole Bracket                   | Steel       | 240-12-CS  |
| 13   | 1           | Tool Kit                           |             |            |
| 14   | 1           | Flexible Hose                      | Steel       | 240-19S-XS |
| 15   | 1           | 2" Ball Valve                      | Steel       |            |
| 16   | 1           | 3/4" Needle Valve                  | Stainless   | A-256-SS   |
| 17   | 1           | Jack Plate                         | Steel       | 243-49-CS  |
| 18   | 4           | Jack Screw                         | Steel       | 243-491-CS |



THANK  
you!

TRANSCAER®

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

From: Wotherspoon, Paul [mailto:Paul.Wotherspoon@em.myflorida.com]  
Sent: Thursday, February 20, 2014 10:24 AM

To: Donna L. Lepik; Chris Machenberg; Chuck Carter; Cliff Stayton; David Binder; Eric Anderson; Glen Rudner; Henry Ward; John Meyer; Kate Boer; Kathy Ahlen; Ken King; Manny Cela; Mark Richmond; Missy Ruff; Rietow, Chris (Apalachee RPC); Sand Brooking; Tim Kitchen; Virgil Fowler

Subject: TRANSCAER® Florida

Good morning all,

I wanted to commend you for your planning, logistical and instructional efforts during the Florida TRANSCAER® training thus far. We have successfully completed 3 of the 4 planned stops on the tour with the final event in Pensacola March 5-6. Your efforts have provided top notch instruction on Chlorine, Ethanol and/or Anhydrous Ammonia to 463 first responders, public workers and private industry employees during the first 3 stops. That represents over 8,300 student hours of classroom and hands-on training!

The comments I've heard or read to date have been overwhelmingly positive with some constructively critical. It is the latter I will focus on for future training events. I want to extend a personal thanks to Henry Ward, David Binder, Virgil Fowler, Missy Ruff and Donna L. Lepik for the guidance and assistance you have provided. Henry, please make sure you pass along my gratitude and thanks to all your instructors and administration folks that helped make this so successful (unfortunately I can't remember all their names - but if you send them to me along with an e-mail I will send them each a personal thank you).

The professional, upbeat, friendly, can do attitude is a tribute to your industry! We've endured last minute set-backs, cold weather, rain, heat and a variety of other obstacles which they overcame seamlessly with style - can you say improvisation? It is working with these industry professionals which remind me why I do what I do! We all share the same goal - making sure our first responders are informed and safe while making our communities safer in the process.

I look forward to seeing you all at the next event - I'll set up a conference call Wednesday afternoon to discuss the final event logistics - please provide me with any recommendations via e-mail and we can discuss them during the call.

Sorry to drag some of you from the frozen north to the sunny beaches of Florida - hope everybody got home safely.

Thanks again

Paul Wotherspoon  
Florida Division of Emergency Management  
Chief, Technological Hazards Section  
2555 Shumard Oak Boulevard  
Tallahassee, Florida 32399-2100  
Office: 850-413-9913  
Cell: 850-528-8975  
www.FloridaDisaster.org

Florida TRANSCAER® Coordinator  
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Local Emergency Planning Committee  
 For New Castle County  
 P.O. Box 2998  
 Wilmington, DE 19805-0998  
 Phone (302) 395-3633  
 Fax (302) 323-4573  
 David Irwin, Chairman  
 Tom Kovach, Vice Chairman  
 Jacob Morante, Vice Chairman

June 18, 2014

Mr. Roar J Broch  
 9352 Springfield Ave,  
 Evanston, IL 60203

Roar,

On behalf of the New Castle County Industrial Hazardous Materials Response Alliance, I would like to thank you for your excellent instruction and presentations given during the evenings of June 11<sup>th</sup> and June 12<sup>th</sup>, 2014 on the use of the Midland – Emergency Response Capping Kit at the Delaware State Fire School- New Castle Branch. Your technical expertise, coupled with your experience and sharing of practical approaches for identifying leaks and instructing individuals on the installation of the kit was impressive and greatly appreciated. Despite the setback of not being able to get the dome prop out of the crate the first night attendees really appreciated being able to assemble the kit on the ground to get a feel for the challenges they would face in a real situation. While the rain on the second night limited the amount of time to actually practice the use of the kit when we were using the DuPont training prop the feedback for both sessions from both first time and refresher students has been very positive. A total of 46 individuals participated in the training.

I would also like to thank the Midland Manufacturing Corp. for funding your trip and providing this excellent training free of charge to our first responders. I would also like thank Donna Lepik of TRANSCAER for her assistance in making this training possible.

It was a pleasure to meet you and I hope the flooding around the hotel and school wasn't too much of an inconvenience for you.

Once again, I want to thank you, Midland Corp. and TRANSCAER for providing our teams the opportunity to learn and enhance our skills in our goal to be prepared to protect the community and the environment in the event of a HazMat incident.

Best regards,

David H Irwin Jr.  
 Commissioner Delaware SERC  
 Chairman LEPC for NCC  
 PO Box 2998  
 Wilmington, DE 19805-0998  
 302-383-1307

The Local Emergency Planning Committee of the S

## Happy Trails and A Job Well Done!

Like every successful venture, Responsible Care® is supported by numerous individuals who members and Partners rarely see or hear from, but play a critical role in the initiative's success. One of those individuals at ACC is Don Evans, Deputy General Counsel, who is retiring after 35 years. Don has been the Responsible Care® Department's attorney since the early days of Responsible Care® providing us with guidance to ensure that program elements pass legal muster. Don's fingerprints can be found on nearly every major addition to Responsible Care® since the late 1980's, including: the original six Codes of Management Practices (1987-1992); introduction of metrics (1992); MSV® process (1994); Security Code (2002); third party certification (2003); and more recently, the Process Safety and Product Safety Codes (2012). Don first joined our organization when it was still known as the Manufacturing Chemists Association (MCA) in the late 1970's and stayed around for 35 years and 2 name changes. Many thanks to Don for his contributions to Responsible Care® over the years, and best wishes in retirement from the entire Responsible Care community.



# California TRANSCAER® Takes Center Stage at the CRHMRO Workshop

Article and Photos by Ed Chapman, BNSF Railway, NTTG Executive Committee Chairman



Dave Buccolo of Central California Traction Company provides hands-on anhydrous ammonia training using a nurse tank in Richmond, CA this spring.

**WHAT HAPPENS** when representatives from The Dow Chemical Company, The Chlorine Institute, Central California Traction Company (CCTC), Union Pacific Railroad and BNSF Railway team up? If you guessed a great TRANSCAER® assisted event, you are on the right track.

As a part of the Coastal Region Hazardous Materials Response Organization (CRHMRO) Workshop held in Richmond, CA in early April, a great team effort fielded seven workshops related to TRANSCAER® objectives. Over one-hundred conference attendees participated in the training events and classroom sessions coordinated

by the Chlorine Institute and TRANSCAER®. Since 1999, CRHMRO has sponsored workshop like this to provide hands-on training and classroom instruction in the various aspects of transportation of hazardous materials by truck and train. The focus audience includes industry, emergency responders and regulators in the sixteen counties of the state region. The group strives to ensure training opportunities are made available to promote safer and more efficient responses to events.

Equipment provided for the outside training activities included the classroom caboose and training flat car from

CCT as well as the UP's training tank car. Instructional topics included application of Midland, "A", "B" and "C" kits and discussion about responses to the typical types of tank car leaks encountered. Classroom instruction offered the attendees with "Railroading 101", Tank Car Identification and an overview of Crude Oil properties, transportation containers, railroad operations and response considerations.

A special note of appreciation goes out to the organizers, equipment providers and trainers for the great support! With the commonly shared objectives of both CRHMRO and TRANSCAER®, this was a great opportunity to aid in the knowledge base of many area responders who could benefit from attending the training. ■



Mike Villa-Real of Union Pacific Railroad shares lessons learned in Richland, CA.

## CHLORINE INSTITUTE

# EMERGENCY KIT "C"

FOR CHLORINE TANK CARS AND TANK TRUCKS



**Vanguard**  
Self Contained Breathing Apparatus



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

**RESPONDER**  
Level A & B Protective Clothing

**CHLORINE  
EMERGENCY  
RESPONSE**

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



**INDIANSPRINGS**  
MANUFACTURING

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

PHONE: (315) 635-6101 • FAX: (315) 635-7473  
P.O. Box 469 • Baldwinsville, NY 13027

[www.indiansprings.com](http://www.indiansprings.com)





## SPRINGTIME MAKES FOR GOLDEN OPPORTUNITIES IN LONG BEACH

Article and Photo By Ed Chapman, BNSF Railway, NTTG Executive Committee Chairman

*TRANSCAER® Team Members take a break from training during The Chlorine Institute's training in Long Beach, CA.*

**S**PRINGTIME IN SOUTHERN CALIFORNIA may offer varying perceptions of the Golden State. Perhaps things that come to mind include spring break beach parties, spring blossoms or maybe it's the lush green hue of the hills. For about 70 emergency responders on May 13-15, one of the highlights of spring was a TRANSCAER® training event organized by The Chlorine Institute in Long Beach.

What a TRANSCAER® event it was! Sponsors and supporters providing props and training staff included The Chlorine Institute, JCI Jones Chemicals, BNSF Railway, Central California Traction Company and Union Pacific along with NRC and United Pumping Service. The combined team effort culminated in an exceptional training event.

Union Pacific hosted the event at its Intermodal Container Transfer Facility (ICTF). Both classroom and hands-on presentations were provided to aid in first responder knowledge of chlorine and related products, as well as leak mitigation techniques. The workstation rotations included tents for learning "A" and "B" kits application, a UP locomotive, Central

California Traction's training flat car (also for "C" kit and Midland kit exercises) and a UP incident response truck. Educational handouts were also provided to all participants.

Many thanks to the great efforts put forth from all the organizations that came together under the TRANSCAER® banner to improve the knowledge and capabilities of first responders. The attestations of their fine efforts included "good presentation," "all good info for firefighters," "outstanding" and "all courses were great" and "I highly recommend it to others out in the field."

It is the golden opportunities like these that result when great TRANSCAER® Team Members spring into action. ■

**CHEMTREC**  
The right information at the right time



The CHEMTREC® 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.

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Call CHEMTREC® - Day or Night  
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# TRANSCAER® REACHES OUT TO ER IN NOLA

## Executive Committee Hosts TRANSCAER® Emergency Response Stakeholder Outreach Meeting

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

The National TRANSCAER® Task Group Executive Committee held their annual strategic planning meeting on February 3-4 at the Hotel Mazarin in New Orleans, LA. Prior to the planning session, members of the NTTG Executive Committee along with TRANSCAER® State Coordinators from Louisiana held an informal Emergency Response Stakeholder Outreach breakfast meeting.

This informal networking event was designed to provide an opportunity to meet with our state response stakeholders to better understand the current challenges, opportunities and the needs of the emergency responders in the communities who are dealing with hazardous materials transportation incidents in the region.

The goals of the outreach meeting were to:

- Build strong professional relationships with national multi-industry hazmat training group for networking and incident/solution based opportunities.
- Share the needs of the local Emergency Responders who are focusing on hazardous materials transportation incidents.
- Help to gain important insight to guide the TRANSCAER® program in a useful and successful manner to meet the needs of our stakeholders.
- Help us learn how we can make hazmat transportation training more effective and efficient in their communities.



*National TRANSCAER® Task Group Executive Committee - Ed Chapman, BNSF; Rollie Shook, Dow; Cherry Burke, Facilitator, Dow; Frank Reiner, The Chlorine Institute; David Binder, Tanner Industries, Inc.; Donna L. Lepik, TRANSCAER®/CHEMTREC®.*

*(Left to Right) Captain D. Simon New Orleans Fire Department, Ed Chapman, BNSF Railway; David Binder, Tanner, Industries, Inc.; Frank Reiner, The Chlorine Institute; Cherry Burke, Dow; William Niemeck, New Orleans Emergency Medical Service; Keith Bennett, LSU Fire & Emergency Training Institute; Joey Dugas, Dow; Taylor Moss, Louisiana State Police; Jimmy Hicks, Louisiana State Police; Kelly Feet, Louisiana State Police; Richard Browning, Louisiana State Police; Steve Torres, Schneider National Bulk; Rollie Shook, Dow; Chris Hawley, Computer Sciences Corporation; Rob Schnepf, Alameda County Fire Department.*





# CHLORINE EMERGENCY RESPONSE TRAINING

**July 25-26, 2014**

1056 Parker Ave.  
Winnipeg, MB R3T 0T4

**August 8-9, 2014**

Bissell Yard: Yellowhead Trail and 156 St.  
Take the 156st exit to Yellowhead west bound.  
Edmonton, AB

**August 22-23, 2014**

309 CN Road  
Kamloops, BC

**September 13-14, 2014**

13477 116 Ave.  
Surrey, BC V3R 2S8

▶ Each training session runs from  
8:00 a.m. to 4:00 p.m.

**CLICK HERE TO REGISTER:**

▶ <http://www.transcaer.com/events>



Railway Association of Canada  
Association des chemins de fer du Canada



## FREE ONE-DAY TRAINING INCLUDES:

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

## TOPICS INCLUDE:

**Chlorine Safety:** An industry representative will discuss the physical and chemical properties of chlorine, transportation methods and containers, health effects, selection of personal protective equipment, first aid measures and proper medical treatment.

**Rail Safety, Emergency Response and Chlorine Tank Cars:** Experienced professionals will provide an overview of rail safety, and describe proper response actions for a chlorine emergency. Students will learn about rail and chemical industry resources that are available to help, and the steps for safely assessing an emergency situation. The 2012 ERG will be used to determine proper protective actions for various scenarios, based on real world incidents. The anatomy of traditional, interim design and next generation chlorine tank cars will be examined.

**A-Kit Workshop:** Experienced professionals will review potential leak scenarios from chlorine cylinders and ways to mitigate leaks, including demonstration of the proper installation of the Emergency Kit "A". Students will install the A-Kit on a cylinder. The newest version of the A-Kit will be available for use.

**B-Kit Workshop:** Experienced professionals will review potential leak scenarios from chlorine ton containers and ways to mitigate leaks, including a demonstration of the proper installation of the Emergency Kit "B". Students will install the B-Kit on a ton container training device. The standard B-Kit and the new B-Kit prototype will be available for use.

**C-Kit Workshop:** Experienced professionals will review potential leak scenarios from chlorine rail tank cars and ways to mitigate leaks, including a demonstration of the proper installation of the Emergency Kit "C" and the Midland Emergency Response Kit. Students will install the C-Kit and the Midland ERK on chlorine tank car training devices, with valve arrangements for typical and next generation (dual valve system) assemblies.

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



**Pre-Registration Strongly Recommended to Guarantee Your Spot!**



TRANSCAER



present

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



# THE CHLORINE TRAINING TOUR



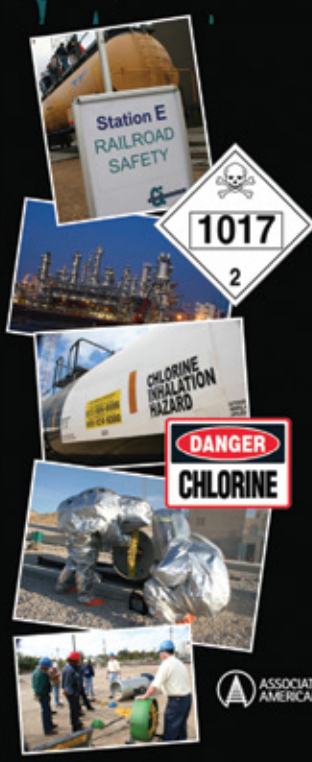
## COMING TO A CITY NEAR YOU!

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

This training program covers:

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

For additional information visit us @ [www.chlorineinstitute.org](http://www.chlorineinstitute.org)





## Upcoming Events

Looking for TRANSCAER® Training? Here's a listing of some recent upcoming training events. For more details or to register, please visit:

<http://www.transcaer.com/events.aspx>

### ★ July 15 - 17, 2014

#### Norfolk Southern Railroad Safety Training with Dupont Training Cars

*Responding to Emergencies on Railroads (6 Sessions)*

July 15, 2014 | 8:30AM to 11:30AM | Moberly, MO

July 15, 2014 | 1:00PM to 4:00PM | Moberly, MO

July 16, 2014 | 8:30AM to 11:30AM | Moberly, MO

July 16, 2014 | 1:00PM to 4:00PM | Moberly, MO

July 17, 2014 | 8:30AM to 11:30AM | Moberly, MO

July 17, 2014 | 1:00PM to 4:00PM | Moberly, MO

#### Dow Chemical & CN 2014 TRANSCAER® Training Tour - Detroit, Michigan

*Emergency preparedness training for local and regional emergency response organizations and personnel. (3 Sessions)*

July 15, 2014 | 7:30AM to 3:00PM | Hamtramck, MI

July 16, 2014 | 7:30AM to 3:00PM | Hamtramck, MI

July 17, 2014 | 7:30AM to 3:00PM | Hamtramck, MI

### ★ July 17-18, 2014

#### Emergency Response to Railroad Incidents

*Railroad Emergency Response Training*

July 17, 2014 | 9:00AM to 1:00PM | Erie, PA

July 18, 2014 | 9:00AM to 1:00PM | Erie, PA

### ★ Friday, July 18, 2014

#### 2014 BNSF North Dakota Training Tour

*Crude Oil Emergency Response*

6:00PM to 10:00PM | New Rockford, ND

### ★ July 21-23, 2014

#### 2014 BNSF North Dakota Training Tour

*Crude Oil Emergency Response (2 Sessions)*

July 21, 2014 | 6:00PM to 10:00PM | Minot, ND

July 22, 2014 | 9:00AM to 1:00PM | Minot, ND

July 23, 2014 | 9:00AM to 1:00PM | Minot, ND

### ★ Tuesday, July 22, 2014

#### Ethanol Safety Seminar

*Ethanol Safety Emergency Response (2 Sessions)*

9:00AM to 2:00PM | Oklahoma City, OK

5:30PM to 10:00PM | Oklahoma City, OK

### ★ Thursday, July 24, 2014

#### Ethanol Safety Seminar

*Ethanol Safety Emergency Response (2 Sessions)*

July 24, 2014 | 9:00AM to 2:00PM | San

### ★ July 25-26, 2014

#### The Chlorine Institute: Chlorine Emergency Response Training - Western Canada Tour

*Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response (2 Sessions)*

July 25, 2014 | 8:00AM to 4:00PM | Winnipeg, MB

July 26, 2014 | 8:00AM to 4:00PM | Winnipeg, MB

### ★ July 29-31, 2014

#### Norfolk Southern Railroad Safety Training with Dupont Training Cars

*Responding to Emergencies on Railroads (6 Sessions)*

July 29, 2014 | 8:30AM to 11:30AM | Cincinnati, OH

July 29, 2014 | 1:00PM to 4:00PM | Cincinnati, OH

July 30, 2014 | 8:30AM to 11:30AM | Cincinnati, OH

July 30, 2014 | 1:00PM to 4:00PM | Cincinnati, OH

July 31, 2014 | 8:30AM to 11:30AM | Cincinnati, OH

July 31, 2014 | 1:00PM to 4:00PM | Cincinnati, OH

### ★ Saturday, August 2, 2014

#### Emergency Response to Railroad Incidents

*Railroad Emergency Response Training*

9:00AM to 5:00PM | Willard, OH

### ★ August 7-8, 2014

#### Emergency Response to Railroad Incidents

*Railroad Emergency Response Training*

August 7, 2014 | 9:00AM to 5:00PM | Garrett, IN

August 8, 2014 | 9:00AM to 5:00PM | Garrett, IN

August 9, 2014 | 8:00AM to 12:00PM | Garrett, IN

August 9, 2014 | 1:00AM to 5:00PM | Garrett, IN

### ★ Tuesday, August 12, 2014

#### Norfolk Southern Railroad Safety Training with Dupont Training Cars

*Responding to Emergencies on Railroads*

8:00AM to 12:00PM | Wall, PA

1:00PM to 5:00PM | Wall, PA

### ★ August 13-14, 2014

#### Emergency Response to Railroad Incidents

*Railroad Emergency Response Training (2 Sessions)*

August 13, 2014 | 9:00AM to 5:00PM | Riverdale, IN

August 14, 2014 | 9:00AM to 5:00PM | Riverdale, IN

### ★ August 26 -27, 2014

#### The Chlorine Institute: Chlorine Emergency Response Training featuring The Dow Safety Train from The Firefighters Education & Training Foundation

*Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response (2 Sessions)*

August 26, 2014 | 8:00AM to 4:00PM | Indianapolis, IN

August 27, 2014 | 8:00AM to 4:00PM | Indianapolis, IN

### ★ September 12 - 13, 2014

#### The Chlorine Institute: Chlorine Emergency Response Training - Western Canada Tour

*Chlorine Safety, Kit A, B, C Workshop and Chlorine Tank Cars and Emergency Response (2 Sessions)*

September 12, 2014 | 8:00AM to 4:00PM | Surrey, BC

September 13, 2014 | 8:00AM to 4:00PM | Surrey, BC

### ★ October 21, 2014

#### Dakota Gasification Company to host GATX TankTrainer Program

*CGATX TankTrainer is a program created in recognition to the many configurations a railcar can have.*

1:00AM to 5:00PM | Beulah, ND





# EPIC EFFORT:

## CHLORINE INSTITUTE PUSHES THE ENVELOPE

Article and Photos by Cindy Kuranchie, The Chlorine Institute

**T**HIS YEAR THE CHLORINE INSTITUTE AND TRANSCAER® dared to push the envelope with the launch of the 2014 Chlorine Safety Tour. The tour includes 24 chlorine emergency response training events spread across North America. So far this initiative has been extremely successful. With 16 stops completed year-to-date, the 2014 Chlorine Safety Tour has trained over 1,200 first responders, hazmat specialists and plant operators!

For those who are unfamiliar with the Chlorine Safety Tour, here is what you need to know. The tour has been broken down into five sub tours, each focusing on a different locale in the United States and Canada. The sub tours are as follows: the Florida Tour, the Southwest Tour, the Short Line Tour (partially funded by an FRA grant), the Western Canada Tour and the Dow Safety Train Tour. CI will also hold a workshop at the Reno Fire Show in October. During each tour, emergency

responders attend six different workshops where they are given training on topics that are instrumental to reducing the risk associated with chlorine emergencies. These workshops include chlorine properties, rail safety and emergency response, tank car 101 (where participants are taught the ins and outs of a tank car) and A-Kit, B-Kit, and C-Kit workshops (where participants receive hands-on training to mitigate leaks with the old and new kits as well as the Midland Kit).

Participants have found the workshops to be very informative and worthwhile. Upon completion of the training, participants receive the official Chlorine Safety Tour DVD containing all classroom and workshop presentations. A special thanks to the Class 1 and short line railroads, and to CI members and CHLOREP contractors who have volunteered their venues, equipment, instructors and time to make this tour so successful! ■



# THE EPIC TOUR



*First responders make their way back to the ground after completing the Tank Car 101 workshop in El Paso, TX. March 3, 2014*

*Roar Broch, a Midland Manufacturing consultant and Dan Thompson of Occidental Chemical Corporation explain the versatility of the Midland Kit to firefighters in Salt Lake City, UT. April 8, 2014.*

## MARK IT!

- ✗ **Aug. 8-9** - Edmonton, AB
- ✗ **Aug. 22-23** - Kamloops, BC
- ✗ **Aug. 26-27** - Indianapolis, IN
- ✗ **Sept. 12-13** - Surrey, BC
- ✗ **Oct. 22-23** - Reno, NV

To register for these events please visit the **TRANSCAER®** website, [www.transcaer.com/events](http://www.transcaer.com/events).



# RFA Announces Summer TRANSCAER® Ethanol Safety Seminars

By Missy Ruff, Renewable Fuels Association & Donna L. Lepik, TRANSCAER®/CHEMTREC®

**T**HE RENEWABLE FUELS ASSOCIATION (RFA), in partnership with TRANSCAER®, the Federal Railroad Administration, members of the American Short Line and Regional Railroad Association and the Oklahoma Local Emergency Planning Committee, will host 15 free Ethanol Safety Seminars this summer in Tennessee, Oklahoma, Missouri, Alabama, Kansas, and Massachusetts.

These seminars, which the majority are being offered courtesy of a TRANSCAER® funded training grant program through the Federal Railroad Administration, will train responders to handle ethanol related emergencies. Topics include the transportation and transfer of ethanol-blended fuels, firefighting foam principles and health and safety considerations for ethanol-blended fuel emergencies.

In 2010, RFA partnered with TRANSCAER® to host Ethanol Safety Seminars based on the Ethanol Emergency Response Coalition's "Training Guide to Ethanol Emergency Response." RFA and TRANSCAER® have offered more than 100 Safety Seminars in 21 states. RFA has been a TRANSCAER® member since 2007.

Additional Michigan Ethanol Safety Seminars and Retailer Workshops are still being planned. RFA is partnering with the Michigan Department of Agriculture to bring the emergency response training to Michigan's first responders.



More information on current and upcoming safety seminars can be found at [www.ethanolresponse.com](http://www.ethanolresponse.com).

Participants are encouraged to register at [www.rfa.transcaer.com](http://www.rfa.transcaer.com).



*Responders learn about the safe transportation and transfer of ethanol-blended fuels.*

### Upcoming 2014 TRANSCAER® Ethanol Safety Seminars:

| Dates        | Location               | Host                                  |
|--------------|------------------------|---------------------------------------|
| June 25      | Nashville, Tenn.       | Nashville & Western Railroad          |
| June 27      | Knoxville, Tenn.       | Knoxville & Holston River Railroad    |
| July 21      | Weatherford, Okla.     | Oklahoma Emergency Management/LEPC    |
| July 22      | Oklahoma City, Okla.   | Stillwater Central Railroad           |
| July 24      | Tulsa, Okla.           | South Kansas & Ohio Railroad          |
| July 25      | Port of Catoosa, Okla. | Oklahoma Emergency Management/LEPC    |
| July 22      | Joplin, Mo.            | Missouri & Northern Arkansas Railroad |
| July 24      | Tulsa, Okla.           | South Kansas & Ohio Railroad          |
| July 25      | Port of Catoosa, Okla. | Oklahoma Emergency Management/LEPC    |
| July 22      | Joplin, Mo.            | Missouri & Northern Arkansas Railroad |
| July 24      | St. Louis, Mo.         | Alton Southern Railway Company        |
| Aug. 7       | Tuscaloosa, Ala.       | Alabama Southern Railroad             |
| Aug. 8       | Prattville, Ala.       | Autauga Northern Railroad             |
| Aug. 11 & 12 | Kansas City, Mo.       | Missouri & Northern Arkansas Railroad |
| Aug. 13      | Salina, Kan.           | Kansas & Oklahoma Railroad            |
| Aug. 14      | Wichita, Kan.          | Kansas & Oklahoma Railroad            |
| TBD          | Boston, Mass.          | Fore River Transportation Corporation |



## SIGN UP TODAY! Dow Chemical & CN 2014 Anhydrous Ammonia Training Tour – Michigan

By Amy Rezmer, The Dow Chemical Company

**I**N CONJUNCTION WITH the 2014 Michigan TRANSCAER® Training Tour, Anhydrous Ammonia and Chlorine training sessions will be offered in Lansing, Detroit, Flint and Midland July 10 – August 8. The sessions are sponsored by The Dow Chemical Company, CN, Dana Transport, Inc., The Firefighters Education and Training Foundation, CHEMTREC®, The Environmental Quality Company (EQ) and many other local supporting agencies.

Anhydrous Ammonia sessions will focus on the transportation of ammonia; types of transport equipment; hands-on training with transport equipment; first aid for ammonia release and who to call for help. Training dates are:

- Lansing – July 10;
- Detroit – July 17;
- Flint – July 25;
- Midland - July 30, August 1, 2, 5 & 8.

Chlorine training sessions will focus on chlorine properties, emergency response considerations, tank car and rail safety, container equipment (rail cars, cargo trailers, one ton cylinders, & 100/150 lb. cylinders) and the A, B, & C Capping Kits. Training dates are:

- Lansing – July 10;
- Detroit – July 17;
- Flint – July 25;
- Midland – July 29, 30, August 2, 4, 5, 6, 7 & 8.

Register for any Anhydrous Ammonia or Chlorine training session on *the National TRANSCAER® website*.

**MARK IT!**

X July 10 - Lansing, MI

X July 17 - Detroit, MI

X July 25 - Flint, MI

X Varying Dates - Midland, MI

## The US DOT Pipeline and Hazardous Materials Safety Administration (PHMSA) invites you to a FREE Public Seminar

**DATE:** August 26-27 (Tuesday, Wednesday), 2014

**TIME:** 7:30 am – 4:30 pm on Tuesday, 8/26, Registration starts at 7:30 am and the General Session commences at 8:30 am followed with Breakout Sessions and a Multi-Agency Panel Discussion in the afternoon.

**LOCATION:** University of Delaware John M. Clayton Hall Conference Center 100 David Hollowell Drive Newark, DE <http://www.udel.edu/conferences/locations/newark.html>

**COST:** FREE

**REGISTER NOW AT:** [http://opsweb.phmsa.dot.gov/hm\\_seminars/default.asp](http://opsweb.phmsa.dot.gov/hm_seminars/default.asp)  
Seating is limited to the first 500 registrants

**WHAT IS THE SEMINAR ABOUT?** This two-day seminar provide a basic overview of how to use US DOT's Hazardous Materials Regulations (HMR) and a summary of many of the requirements found in the HMR – for shipping and transporting Hazardous Materials which can

affect transportation safety to include: Training Requirements, Packaging, Hazard Communications, Security and Modal Transportation Compliance.

**WHAT PRESENTATIONS WILL BE AVAILABLE?** Presentations include multiple segments on the fundamentals of hazardous materials transportation; including individual modal specific presentations for aviation, railway, highway, vessel and state highway transportation. Special interest programs include: Explosives & Radioactive Materials Classification, Our Nation's Pipeline Infrastructure, PHMSA'S Oversight of UN Package Manufacturing, Testing, Certification, Distribution and Use.

**WHO SHOULD ATTEND?** Anyone who offers or transports hazardous materials in commerce; manufactures, re-qualifies, reconditions or rebuilds UN packagings or has a desire to learn more about US DOT's Hazardous Materials Regulations.

**WHAT IS THE HMR?** The Hazardous Materials Regulations (HMR; 49 CFR Parts 171-180) specify requirements for the safe and secure transportation of hazardous materials in commerce by rail car, aircraft,

vessel, and motor vehicle. These comprehensive regulations govern transportation-related activities by offerors (e.g., shippers, brokers, forwarding agents, freight forwarders, and warehouse); carriers (e.g., common, contract, and private); packaging manufacturers, re-conditioners, testers, and re-testers; and independent inspection agencies.

The HMR apply to each person who performs, or causes to be performed, functions related to the transportation of hazardous materials such as determination of, and compliance with, basic conditions for offering; filling packages; marking and labeling packages; preparing shipping papers; handling, loading, securing and segregating packages within a transport vehicle, freight container or cargo hold; and transporting hazardous materials.

**MARK IT!**

X August 26-27 - Newark, DE





Andy Ash of the Railway Association of Canada pictured with Mark Whynot, Fire Chief of Markstay-Warren Fire Department, in front of TRANSCAER's Safety Training Tank Car – CCPX 911 – a classroom on wheels.

Canada's TRANSCAER® Initiative:

## It's *GOING* Places

By Sarah MacFadyen | Photos are courtesy of Andy Ash and Curtis Myson

**F**OR ALMOST 30 YEARS, the goal of Canada's TRANSCAER® program has been the same – to work with communities along transportation routes to make sure they are informed about the products being moved through their area, and are prepared to deal with any potential incidents involving those products. But even after almost three decades of successfully working with municipalities, first responders and residents to provide training and share information about dangerous goods, TRANSCAER® continues to strive to do more.

"I think it has been a really exciting time to be involved in TRANSCAER®," says Kara Edwards of the Chemistry Industry Association of Canada (CIAC), and Canada's National TRANSCAER® Committee Coordinator. "CIAC, its members, and its partners, are continuously trying to improve. One way we are doing that is to work with more groups and bring them together to get our message out to even more communities."

"We don't stand still at TRANSCAER®. We are always moving forward," says Andy Ash, Director for Dangerous Goods with the Railway Association of Canada (RAC), CIAC's partner in TRANSCAER®. "If we just sit back on our laurels and say 'Geez that was a great job', well,





Randy Mak (pictured in orange vest), Chair of the National TRANSCAER® Committee, at a recent TRANSCAER® event held in Ft. Saskatchewan, Alberta.

that is not going to work. We have to believe in constant improvement and we are always willing to get new blood in there, new ideas and new resources.”

Bringing in new blood is exactly what Canada’s National TRANSCAER® Committee (NTC) is doing. Ash is one of three new members on the committee, along with John-Paul Cody-Cox of the Canadian Association of Fire Chiefs and Dan Moore (Canexus Corporation), representing the Chlorine Institute. Two of CIAC’s Responsible Care® transportation partners, Marcel Pouliot of Trimac Transportation and Tim Johnson of Northwest Tank Lines, have also come on board to strengthen the voice of road carriers on the NTC.

TRANSCAER’s membership is also growing. The Canadian Fuels Association officially joined TRANSCAER® at the end of May. The Association represents almost every company that refines, distributes and markets petroleum products in Canada. Their members are responsible for manufacturing and distributing 90 billion liters of fuel a year.

Brian Ahearn of the Canadian Fuels Association says joining TRANSCAER® seemed like a natural extension of his organization’s ongoing community outreach. “TRANSCAER® has a very good method of delivering information today that has been very effective for certain products. By joining TRANSCAER®, we are able to use that proven mechanism they have in place and to extend that to our petroleum products as well.”

The addition of the Canadian Fuels Association is a welcome one for members of the National TRANSCAER® Committee, such as Andy Ash. “The more people we have involved in the whole system of TRANSCAER®, the better,” says Ash. “It is a never-ending cycle. People come and people go. And that is why we need to continue to make sure that the TRANSCAER® message stays out there.”

Canada’s TRANSCAER® initiative also has a new look to help get that message out. It has a sharp new logo and launched a new website at the end of June



THE SHARP  
NEW LOGO

to help increase the program’s visibility. The bilingual site ([www.TRANSCAER.ca](http://www.TRANSCAER.ca)) offers users a calendar of outreach events, a list of national and regional TRANSCAER® representatives, news stories and photo galleries from past events.

“For us it highlights what TRANSCAER® is all about – community awareness and getting the message out to people. We want to be more visible,” says Randy Mak of Dow Chemical Canada and chair of the National TRANSCAER® Committee.

The new website could also help Mak achieve his goals for TRANSCAER® as he looks to the future – connecting with more communities and citizens across Canada.

“Even more events would be great. And even more participation by the public,” says Mak. “We usually try to gear this to the fire departments and first responders, but I would like to see more public interest out there. People coming out just to see what goes on . . . that is what I would like to see.”

Kara Edwards thinks the future for TRANSCAER® is bright. “Even though we have been doing a lot over the last year, I think it is just going to get even better and I can’t wait to see where we are going to be a year from now. Once we start working even more closely with these new organizations I think we can accomplish a lot,” says Edwards. “We are definitely going places.”

To view a calendar of 2014 TRANSCAER® events across Canada, visit [www.TRANSCAER.ca](http://www.TRANSCAER.ca) ■

Sarah MacFadyen is an Ottawa-based writer and communications consultant working with the Chemistry Industry Association of Canada [www.sarahmacfadyen.com](http://www.sarahmacfadyen.com).





# FREE ETHANOL Safety Seminars

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

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

**WHEN:** 7/21/2014 - Weatherford, OK  
**WHERE:** Western Technology Center - Fire Training Building  
 2605 E. Main  
 Weatherford, OK 73096  
**TIME:** 9:00 am - 2:00 pm or 5:30 pm - 10:00 pm



**WHEN:** 7/22/2014 - Oklahoma City, OK  
**WHERE:** OKC Fire Training Academy - Classroom A  
 752 North Portland Ave.  
 Oklahoma City, OK 73107  
**TIME:** 9:00 am - 2:00 pm or 5:30 pm - 10:00 pm



**WHEN:** 7/24/2014 - Tulsa, OK  
**WHERE:** Case Community Center  
 1050 West Wekiwa Road  
 Sand Springs, OK 74063  
**TIME:** 9:00 am - 2:00 pm or 5:30 pm - 10:00 pm



**WHEN:** 7/25/2014 - Port of Catoosa, OK  
**WHERE:** Mid America Industrial Park Expo Center  
 526 Airport Road, Mid America Industrial Park  
 Pryor, OK 74361  
**TIME:** 9:00 am - 2:00 pm or 5:30 pm - 10:00 pm



**REGISTER:** [www.rfa.traincaster.com](http://www.rfa.traincaster.com)

**FREE to attend! Registration is limited. Lunch and dinner will be provided. Certificates of completion will be handed out to all attendees at the end of the course. If you have questions email [safety@EthanolRFA.org](mailto:safety@EthanolRFA.org).**



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# Updates & Resources

## FRA, PHMSA Issue Safety Advisory for Bakken Tank Cars

Article Courtesy of USDOT's Federal Railroad Administration (FRA) and Pipeline and Hazardous

Materials Safety Administration (PHMSA)

**R**ECENTLY, THE U.S. DEPARTMENT OF TRANSPORTATION (DOT) issued an Emergency Order requiring all railroads operating trains containing large amounts of Bakken crude oil to notify State Emergency Response Commissions (SERCs) about the operation of these trains through their states.

Additionally, DOT's Federal Railroad Administration (FRA) and Pipeline and Hazardous Materials Safety Administration (PHMSA) issued a Safety Advisory strongly urging those shipping or offering Bakken crude oil to use tank car designs with the highest level of integrity available in their fleets. In addition, PHMSA and FRA advise offerors and carriers to the extent possible to avoid the

use of older legacy DOT Specification 111 or CTC 111 tank cars for the shipment of Bakken crude oil.

"The safety of our nation's railroad system, and the people who live along rail corridors is of paramount concern," said Transportation Secretary Anthony Foxx. "All options are on the table when it comes to improving the safe transportation of crude oil, and today's actions, the latest in a series that make up an expansive strategy, will ensure that communities are more informed and that companies are using the strongest possible tank cars."

Effective immediately, the Emergency Order (Docket Number DOT-OST-2014-0067), requires that each railroad operating trains containing more than 1,000,000 gallons of Bakken crude oil, or

approximately 35 tank cars, in a particular state to provide the SERC notification regarding the expected movement of such trains through the counties in that state.

The notification must include estimated volumes of Bakken crude oil being transported, frequencies of anticipated train traffic and the route through which

of crude oil. FRA and PHMSA have undertaken more than a dozen actions to enhance the safe transport of crude oil over the last ten months. This comprehensive approach includes immediate and long-term steps such as: launching "Operation Classification" in the Bakken region to verify that crude oil is being properly classified; issuing

safety advisories, alerts, emergency orders and regulatory updates; conducting special inspections; moving forward with a rulemaking to enhance tank car standards; and reaching agreement with railroad companies on a series of immediate voluntary actions they can take by reducing speeds, increasing inspections, using new brake technology and investing

in first responder training.

[Click here to view the Emergency Order.](#)

[Click here to view the Safety Advisory.](#) ■

**EMERGENCY ORDER:** <http://click.icptrack.com/icp/relay.php?r=54431324&msgid=542757&act=IVG6&c=1074120&destination=http%3A%2F%2Fwww.dot.gov%2Fbriefing-room%2Femergency-order>

**SAFETY ADVISORY:** <http://click.icptrack.com/icp/relay.php?r=54431324&msgid=542757&act=IVG6&c=1074120&destination=http%3A%2F%2Fwww.fra.dot.gov%2Flib%2Fdetails%2FLO5222>



Photo By Ed Chapman, BNSF Railway

Bakken crude oil will be transported. The Emergency Order also requires the railroads provide contact information for at least one responsible party at the host railroads to the SERCs. The Emergency Order advises railroads to assist the SERCs as necessary to share the information with the appropriate emergency responders in affected communities.

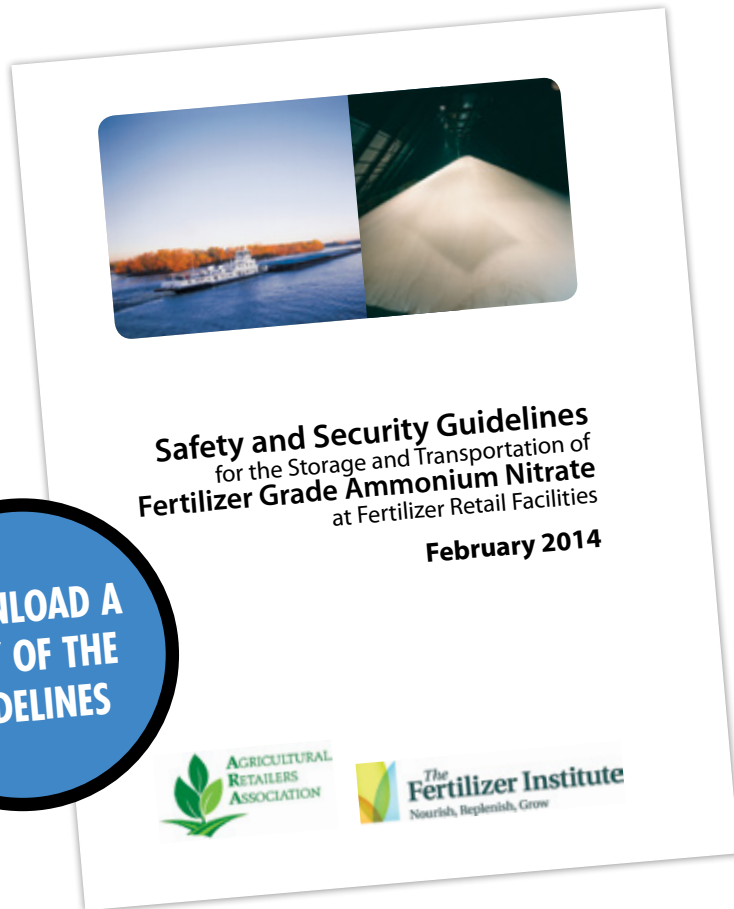
FRA and PHMSA also issued a joint Safety Advisory, Number 2014-01, to the rail industry strongly recommending the use of tank cars with the highest level of integrity in their fleet when transporting Bakken crude oil.

The Department of Transportation continues to pursue a comprehensive, all-of-the-above approach in minimizing risk and ensuring the safe transport



# Safety and Security Guidelines for the Storage and Transportation of Fertilizer Grade Ammonium Nitrate at Retail Facilities

Courtesy of The Fertilizer Institute



**DOWNLOAD A COPY OF THE GUIDELINES**

**F**OLLOWING THE TRAGIC EXPLOSION of a fertilizer retail facility in West, Texas, the fertilizer industry is making strides to ensure our products are transported and stored properly. In addition to creating ResponsibleAg, a third-party auditing program for fertilizer retailers, The Fertilizer Institute (TFI) and the Agricultural Retailers Association (ARA) created, "Safety and Security Guidelines for the Storage and Transportation of Fertilizer Grade Ammonium Nitrate at Fertilizer Retail Facilities." The document was created to fill the void in emergency response guidance specific to ammonium nitrate fertilizer at retail fertilizer facilities. The purpose of these Guidelines is to outline best practices for the

safety and security of fertilizer grade ammonium nitrate (FGAN) in storage and in transportation at fertilizer retail facilities. The new document can be used as a resource by the industry, government agencies and emergency responders. The document outlines storage and handling regulations put in place for FGAN facilities, as well as recommendations for first responders in the event of a fire. Compliance requirements for transporting FGAN via truck, highway, rail and barge are also provided. ■

**DOWNLOAD LINK:** [http://www.tfi.org/sites/default/files/images/an\\_guidance\\_handbook - mar 6 - 1k.pdf](http://www.tfi.org/sites/default/files/images/an_guidance_handbook_mar_6_1k.pdf)

# NEW! CHECK IT OUT.

## PHMSA Launches Web Page for Crude Oil Emergency Response



**T**HE PHMSA Operation Safe Delivery website has been update to include information related to emergency response issues related to crude oil.

PHMSA is taking a focused approach to increase community awareness and preparedness for response to bulk transportation incidents involving energy products such as crude oil, ethanol, and liquefied natural gas (LNG). Specific efforts are underway to collect lessons learned by the response community from previous ethanol and crude oil accidents, evaluate those incidents against current Emergency Response Guidebook (ERG) information, and develop appropriate response outreach and training tools aimed to mitigate the impact of future incidents. ■

**VISIT THE SITE:** <http://www.phmsa.dot.gov/>



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U.S. Department  
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**SEE PAGE 35  
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To register online visit: [http://opsweb.phmsa.dot.gov/hm\\_seminars/default.asp](http://opsweb.phmsa.dot.gov/hm_seminars/default.asp). Seating is limited to the first 500 registrants. An electronic confirmation will be provided upon receipt of registration. For further information call: (202) 366-4454. NOTE: If more than one person will attend from your organization, make a copy of this form for each attendee. Check our website for other information and updates at <http://hazmat.dot.gov/training/training.htm>



# FREE ONLINE TRAINING!

## “Hydrogen Response Considerations”

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

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

### FREE CERTIFICATE OF COMPLETION

To register for this course, visit:

[www.responder-elc.org](http://www.responder-elc.org)

» Click: Create New Account in the blue box, then select, the course from the Available Courses page.

(Approximately two hours of training for this program)

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

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

### Questions?

Please contact: Richard Miller  
703-537-4846 • [hazmatfusion@iafc.org](mailto:hazmatfusion@iafc.org)

For more information on this project, please visit the IAFC at [www.iafc.org](http://www.iafc.org)

National Hazardous Materials Fusion Center



## W.R. Grace Donates ISO Tank to NYFD for Tank Training



W.R. Grace Specialty Catalysts & Processing Technologies donated and delivered an ISO tank to the Fire Department of New York for training on their new firefighting simulator ship located at the Randall Island Training Facility. Thanks to W.R. Grace, the Fire Department now has a tank to use for their training even though the project was delayed because of the long winter.

For more information, contact Vitaly Volfson, [vitaly.volfson@grace.com](mailto:vitaly.volfson@grace.com), CHMM, Dangerous Goods Specialist, W.R. Grace Specialty Catalysts & Processing Technologies.

## 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.*

For more information about joining TRANSCAER®, please contact  
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# THE TRANSCAER® MISSION IS TO:

Promote safe transportation and handling of hazardous materials

Educate and assist communities near major transportation routes about hazardous materials

Aid community emergency response planning for hazardous material transportation incidents



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