

preparing communities for transportation incidents

2011 Anhydrous Ammonia

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TRAINING REACHES 60,000

Norfolk Southern and
DuPont CAER Cars Join
Forces Benefiting
Emergency Responders

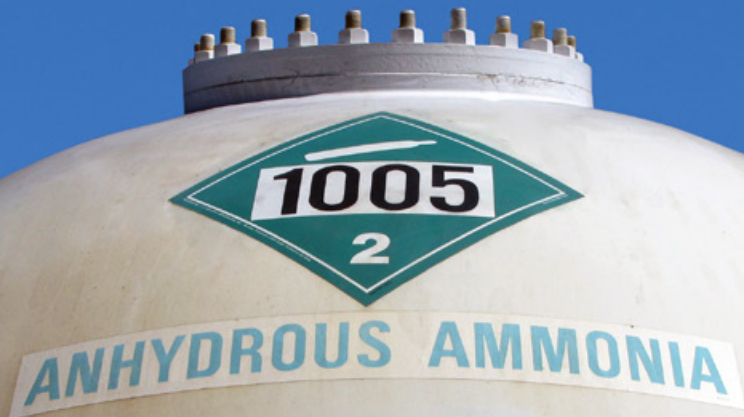
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David Binder Presented
with Chairman's Award
at Annual MA
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Indian Springs Mfg. Co., Inc. and
Midland Mfg. Work with
TRANSCAER® to Increase
Opportunities for "Hands-on"
Hazardous Materials
Response Training

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www.TRANSCAER.com



The Fertilizer Institute
Nourish, Replenish, Grow

present

A hands-on training event emphasizing anhydrous ammonia, its properties, emergency response considerations and transportation equipment, such as rail cars, cargo trailers and nurse tanks.



THE ANHYDROUS AMMONIA TRAINING TOUR 2012



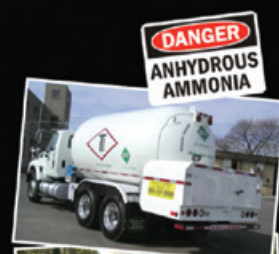
COMING TO A CITY NEAR YOU!



ANHYDROUS AMMONIA
INHALATION HAZARD



“A Must SEE!”
“Awesome!”
“First of its kind”
“Long-overdue”
“Much needed”



Be one of the first to see what the buzz is about by visiting:
www.transcaer.com/aa-tour



REGISTER NOW AT WWW.TRANSCAER.COM/EVENTS

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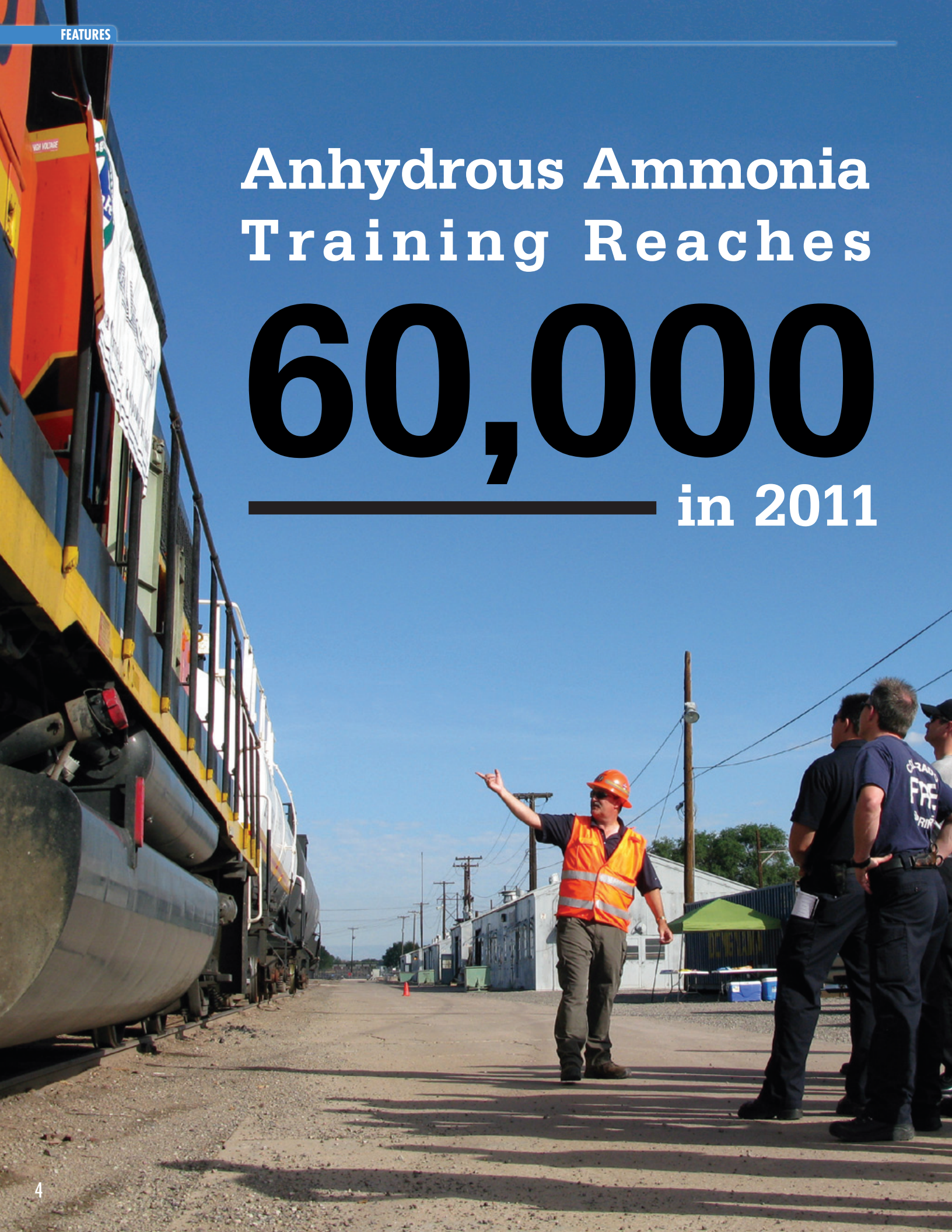
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Anhydrous Ammonia Training Reaches

60,000

in 2011



LAST YEAR was a record breaking training year for TRANSCAER®. By continuing its commitment to safety and excellence, TRANSCAER® launched its first-ever product specific nationwide training program last February. At year's end, more than 60,000 responders across 37 states were trained in emergency response, safe handling and distribution of anhydrous ammonia. To supplement the needs of emergency responders, more than 28,000 TRANSCAER® Anhydrous Ammonia DVDs were distributed nationwide. The demand for this type of training has reached global proportions with requests for training DVDs from as far as the Gulf Cooperation Council (GCC countries), New Zealand and Turkey. This training package could not have been possible without the generous contributions and support from Pam Guffain and The Fertilizer Institute and more than 200 volunteers from chemical manufactures, transportation industry leaders, distributors, and federal, state and local government agencies. The training tour will extend into 2012. ■

For more information on TRANSCAER's Anhydrous Ammonia training, visit <http://transcaer.com/aa-tour>.

Dow Recognized for Training Commitment



Above: Member of The Dow Chemical Company's TRANSCAER® Team posing with their National Achievement Award during a training event. Dow Team Members include: Billy Yates (Freeport, TX); Matt Schaar (Freeport, TX); Pete Kirk (Midland, MI); Rollie Shook (Midland, MI); Mike Stephenson (Piscataway, NJ); Amy Rezmer (Midland, MI); Joey Dugas (St. Charles, LA) and Robert Cazes Jr. (Plaquemine, LA).

Main Photo: Members of several southern Colorado emergency response agencies engaging in a BNSF Railway TRANSCAER® sponsored training event last July in Pueblo, CO. Colorado State TRANSCAER® Coordinator Tony Bacino of MTBE and BNSF Railway shares locomotive 101.

Photos by Donna Lepik, TRANSCAER® and CHEMTREC®



Norfolk Southern and DuPont CAER Cars Join Forces Benefiting Emergency Responders | By Dave Schoendorfer, Norfolk Southern

TODAY NS AND DUPONT are taking that relationship to a new level as both have recently signed a Memorandum of Understanding (MOU) for the cooperative operation of the six DuPont CAER Cars. Each of the two training tank car units (DUPX-912ABC and DUPX-913ABC), consists of a training tank car, training box car, and equipment caboose which are used for TRANSCAER® training.

Both NS and DuPont have found utilizing the CAER cars to be one of the most effective ways to provide quality training to emergency responders.

DuPont has been part of all 11 NS TRANSCAER® Whistle-Stop programs (1994, 1999, 2002-2010) and has participated in many other joint TRANSCAER® events with NS over the years, including the aggressive 2011 Nationwide Anhydrous Ammonia Tour.

The cooperative agreement allows NS input into the scheduling of the cars which will allow for overall greater utilization of this training equipment. A very aggressive schedule has been planned for 2012 (see [Training Tour Schedule](#)).

Additionally, NS and DuPont will share staff when conducting training programs and use shared training materials.

The partnership will help ensure the continued viability of the CAER Car program, as there will be some cost sharing on the annual maintenance and refurbishment of the training cars. This should be a win-win for the TRANSCAER® program, NS and DuPont, and most importantly the emergency responders in the communities in which both companies operate. ■



David Binder Presented with Chairman's Award at Annual MA HazMat Conference

Recognized for exemplary work as Chair of the Anhydrous Ammonia Training Program

DAVID BINDER of Tanner Industries, Inc. was presented with the TRANSCAER® Chairman's Award at the Massachusetts Association of Hazardous Materials Technicians 19th annual training conference, in recognition of his dedication and support as Chair of TRANSCAER's (Transportation Community Awareness and Emergency Response) Anhydrous Ammonia training program on September 22, 2011.

TRANSCAER®, along with the unveiling leadership of David Binder, Chairman of the Curriculum Committee, launched its nationwide Anhydrous Ammonia Training Tour last February, to educate and train officials in states across the country on emergency response to anhydrous

ammonia release incidents. To date, more than 900 hands-on training workshops have been held in 37 states across the country, with numerous other workshops scheduled through 2012, providing information and tools intended to prevent or mitigate incidents involving ammonia

in communities where it is stored, shipped, or used.

"I am pleased to honor David for the active role he has taken to ensure the success of this trailblazing training program in cities and states across the nation," said Rollie Shook, Chair of

"I am pleased to honor David for the active role he has taken to ensure the success of this trailblazing training program in cities and states across the nation"

the National TRANSCAER Task Group and Global Emergency Services Leader for Dow Chemical Co. "The success of this training has relied heavily on David's outstanding leadership, and as such I am pleased to present him with this year's Chairman's Award."

As Director of Quality, Safety & Regulatory Affairs and Lead Trainer in the Ammonia Safety & Emergency Response Training (ASERT) program for Tanner Industries, Mr. Binder has facilitated ammonia safety and emergency response training programs throughout the world for industry, fire department, emergency response and emergency management personnel.

Since 1992, Mr. Binder has been involved in the ammonia industry and emergency response training and planning. He is a member of the National TRANSCAER Task Group and currently serves as the Chair of the Philadelphia Local Emergency Planning Committee and Chair of the Responsible Distribution Committee of the National Association of Chemical Distributors. Mr. Binder is also an associate faculty member of the University of Missouri Summer and Winter Fire Schools and serves as faculty staff for The Refrigeration Research & Educational Foundation at the Georgia Institute of Technology. He speaks and presents at numerous federal, state and industry association conferences and is involved in leadership positions with various leading industry organizations. ■

Indian Springs Manufacturing Co., Inc. and Midland Manufacturing work with TRANSCAER® to Increase Opportunities for “Hands-On” Hazardous Materials Response Training



Indian Springs Manufacturing C-Kit



Midland Manufacturing's Emergency Response Kit (ERK)

GENEROUS DONATIONS and heavily discounted pricing for Chlorine Institute Emergency Kits by Indian Springs Manufacturing Co., Inc. and Emergency Response Kits (ERK) by Midland Manufacturing will allow TRANSCAER® to be better prepared and positioned to assist emergency responders by providing tools for more realistic training experiences in the field.

Thanks to a grant from the Federal Railroad Administration, these training kits are available to help train hazardous materials responders across the United States to deal with chemical tank incidents, specifically tank cars carrying chlorine and pressurized rail cars.

TRANSCAER® recognizes the practice of using both of these industry-specific kits on railcar training props to provide responders with the most realistic “hands-on” training first responders require.



Indian Springs Manufacturing C-Kit



Midland Manufacturing's Emergency Response Kit (ERK)

Federal Railroad Administration Grant Supports Rail Training Equipment Purchase

Indian Springs Manufacturing C-Kit

The Chlorine Institute Emergency Kit "C" is a large tool box of customized tools and devices specifically designed to contain leaks on chlorine railcars and tank trucks. Chlorine is a common industrial chemical that is often shipped in bulk, using 90 ton railcars. The emergency kit's capping devices are designed to contain potential leaks at the valve and pressure relief devices located on top of these cars. The kit is manufactured to the design specifications of the Chlorine Institute to ensure industry wide compatibility and reliability. With thousands of kits and over a half century of proven service, Emergency Kit "C" remains an integral tool for HazMat responders.

Indian Springs Mfg. Co. Inc., (Baldwinsville, NY) is a global leader in the manufacturing of hazardous material, compressed gas and containment equipment. For over 50 years, Indian Springs has manufactured containment equipment to the design specifications of the Chlorine Institute. Indian Springs is also a manufacturer of custom containment devices and a supplier of hazardous materials training, handling and personal protective equipment.

For additional information:

Indian Springs Mfg. Co., Inc. • Baldwinsville, NY

Robert J. Wolniak, Vice President

rwolniak@indiansprings.com • (315)635-6101 • www.indiansprings.com



Midland Manufacturing's Emergency Response Kit

A chemical leak in a railcar's valve or fitting connection can be hazardous, not only to rail personnel, but to the environment and local populations. Midland's Emergency Response Kit (ERK) has been designed to allow for the quick and safe capping of leaking fittings on the top of pressurized railcars.

Midland's Emergency Response Kit (ERK) fits valves from chlorine to LPG, AA, VCM and next generation rail tank car valves and it is designed to work on all pressure cars that are designed to be capped. The Kit is packaged in three individual cases which are portable and compact and can be stored conveniently and easily carried to locations.

Midland Manufacturing is backed by 50 years of experience and commitment to manufacturing quality products for the railroad tank car industry. Midland's rigid quality control standards, utilizing statistical process control, promise reliable product performance.

For additional information:

Midland Manufacturing • Skokie, IL

Michael Santangelo, Customer Service Manager

michaels@midlandmfg.net • (847) 929-6812 • www.midlandmfg.com



TRANSCAER® Welcomes New Task Group Members

THE NATIONAL TRANSCAER® Task Group (NTTG) Executive Committee welcomed four new Task Group members representing BASF Corporation, Chemtura Corporation, Kuehne Chemical Company and PotashCorp.

The NTTG also is pleased to welcome two new Partners representatives from U.S. Department of Transportation/Pipeline Hazardous Materials Safety Administration to the Task Group.

Help us welcome Manuel Correia, Virgil W. Fowler, Ernest J. Marcel, Thomas F. McGourty, Jr., Samuel W. Hall and Vasco De Gama Espinoza.

TRANSCAER® agrees to:

- ★ *Provide Team Members (National TRANSCAER® Task Group Members (NTTG), State, and Regional Coordinators) with direct access to all TRANSCAER® resource materials.*
- ★ *Encourage Team Members to participate in all TRANSCAER® networking, conference calls, and meetings.*
- ★ *Provide Team Members with the opportunity for input on TRANSCAER® issues and activities.*
- ★ *Provide business value opportunities and resources.*
- ★ *Allow Team Members to use the TRANSCAER® service mark subject to the terms and conditions set out in the TRANSCAER® service mark guidelines.*
- ★ *Acknowledge TRANSCAER® Team Members in its overall stakeholder outreach efforts.*

Contact Donna Lepik, TRANSCAER® Staff Executive, to learn more about becoming a member of the NTTG, dleplik@transcaer.com.

Industry Representatives



MANUEL CORREIA

Plant Superintendent
Emergency Response
Team Coordinator
Kuehne Chemical Company

MANUEL CORREIA, Plant Superintendent, has almost 19 years of experience working with hazardous materials for Kuehne Chemical Company's New Jersey facility. His experience and support network has created one of the strongest CHLOREP (secondary) Teams in the northeast region.

Manuel began his career as a chlorine packager and soon after became the production supervisor for Kuehne's NJ operation. In this role, Manuel was responsible for all aspects of product manufacturing; specifically, chlorine and caustic packaging and sodium hypochlorite manufacturing.

As a trained emergency responder, Manuel's experience and leadership skills oversee Kuehne's CHLOREP Team. Manuel is responsible for the team's readiness which includes policy and procedure implementation, equipment conditioning and responder training. Coordinates all the activities related to emergency response and safety training, drills and development.

Manuel has responded to and has managed numerous emergency response incidents ranging from tank car leaks to overturned highway transports. His experience and knowledge has also led to the safe recoveries of "orphan" ton containers and cylinders.

Manuel serves on various industry driven task groups. He is currently serving as the Vice Chair to the Chlorine Institute's Emergency Preparedness Issue Team but has also chaired CHLOREP's Team Training sessions in recent years. In addition, Manuel has provided instruction on several TRANSCAER® training sessions. ■



VIRGIL W. FOWLER

Manager, Preparedness
and Response
PotashCorp

VIRGIL W. FOWLER began his career with PotashCorp in 1973 as a Chemical Operator at the Augusta, Georgia facility. After 13 years, Mr. Fowler moved to the position of Safety Superintendent in 1986 with responsibility for the overall safety of all employees at the facility. In 1989, he moved to the position of Safety, Health, Environmental, and Security Manager for the Augusta Georgia facility. Mr. Fowler accepted the position of Manager, Preparedness and Response for PotashCorp in 2009. His overall responsibilities include ensuring the facility Emergency Response Teams are prepared to deal with any Emergency within the facility as well as a Transportation Emergency involving products in shipment.

Mr. Fowler, who will be serving as The Fertilizer Institute's Member Representative, has extensive training in Chemical Safety and Security Risk Assessment Techniques for Chemical Operations and the subsequent identification and application of Risk Reduction processes to ensure safe operations. He is a certified Hazardous Materials Manager, a Hazardous Materials Team Instructor, a Mobile Crane Inspector, a High Angle & Confined Space Rescue Instructor, a Rescue Technician for the State of Georgia, and a Fire Training Instructor for Advanced Exterior and Interior Structural fire fighting activities.

In addition, Mr. Fowler is certified by American Institute of Chemical Engineers (AIChE) in Security Vulnerability Assessment Techniques and has assisted Department of Homeland Security (DHS) with the development of CIRA. He has worked with DHS with the development of VCAT and has applied this technique to all PotashCorp facilities to assist in identification of Risk. ■


ERNEST J. MARCEL

Global Dangerous Goods
and Emergency Response
Compliance Manager
Chemtura Corporation

ERNEST MARCEL has almost thirty years' experience in the Maritime Industry, with over five years' experience with a major chemical company.

He began his career as a Safety Officer for Lykes Bros. and during the first 10 years of his career, he was responsible for establishing safety awareness on prevented measurement to personal injury incidents and ensures compliance to safety related to federal and state laws and regulations. Later, he was promoted to Director of Safety and his responsibility was expanded into Global Emergency Response Process, to support the Marine Division in emergency response transportation incident for seagoing vessels.

After the acquisition of Lykes Bros. by CP Ship, he accepted a position as a Technical Manager of Training and Compliance Group and was responsible for implementing and managing a group of 15 HazMat Coordinators. He was also responsible for providing general awareness, function specific and emergency response training to more than 8,000 CP Ships employees and general awareness training to some 1,500 CP Ships customers within six continents.

For the past five years, Ernest has been responsible for the safe transportation of Chemtura's dangerous goods materials and also responsible as the Global Administrator for transport emergency response incidents. He also serves as the Primary Contractor for Chemtura as Rail Security Coordinator (RSC) for the Transportation Security Administration (TSA) Homeland Security. He is also responsible for implementing a new Global Emergency Response Operating Procedures. ■


THOMAS F. MCGOURTY, JR.

North American Manager
for Distribution and
Transportation Safety
BASF Corporation

THOMAS "TOM" MCGOURTY, JR. is BASF's North American Manager for Distribution and Transportation Safety. In this position, he is responsible for the proper classification and associated shipping paperwork of hazardous chemical goods transportation, product vulnerability risk assessments, and coordination of third party logistic EHS assessments. He also leads the team of site safety advisors within Canada, United States, Mexico and all the countries of Central America, representing North America on BASF's Global Transportation and Distribution Safety team.

Tom is an active member of the American Chemistry Council (ACC) Tank Car committee, and is the backup for ACC on the FRA Rail Safety Advisory Committee. He is also a participating member of TRANSCAER of New Jersey, most recently volunteering with BASF's rail car trainer, 'Mr. T', in the Anhydrous Ammonia Whistle Stop Tour events in NJ, PA and DE.

He previously was BASF's Emergency Response Manager for NAFTA. Prior to that, he spent more than 15 years at BASF in various positions including Process Safety, Loss Prevention, Information Services and a four year position as Site EHS manager for a production plant in Michigan.

Tom has a bachelor's and a master's degree in Chemical Engineering from Steven's Institute of Technology in Hoboken, and lives in Long Valley, NJ with his wife and two boys. ■

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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.*

Welcome Our New TRANSCAER® Partners Representatives:

Representing the U.S. DOT Office of Pipeline and Hazardous Materials Safety



SAMUEL W. HALL

Program Manager Pipeline and Hazardous Materials Safety Administration

Office of Pipeline Safety
United States Department of Transportation

SAMUEL W. HALL began his career with PHMSA in 1998 as a geographic information systems analyst in support of the National Pipeline Mapping System. In 2003, Mr. Hall was promoted to Manager of the National Pipeline Mapping System with responsibility for the strategic direction and daily operation of the program. From 1998 to 2005, Mr. Hall also managed several natural gas and hazardous liquid pipeline safety research and development projects focused on developing airborne pipeline leak detection technologies.

In 2005, Mr. Hall accepted a position with the Virginia Department of Game and Inland Fisheries as the manager of a fish and wildlife information program. In 2007, he accepted a project management position with the Virginia Information Technologies Agency.

Mr. Hall returned to the U.S. DOT/PHMSA in 2008 as a

Program Manager. He currently manages multiple pipeline safety programs and projects, including: A pipeline safety grant program for communities and non-profits, which includes funding for pipeline emergency response activities; a cooperative agreement with the National Association of State Fire Marshals that produced the second edition of Pipeline Emergencies, a training manual for firefighters responding to pipeline incidents; development of a federal pipeline excavation damage prevention rule, and; several research and development projects designed to improve pipeline leak detection, prevent excavation damage to underground pipelines, and improve communications between pipeline operators and emergency responders.

Mr. Hall holds a bachelor's degree in Environmental Sciences from the University of Virginia and a master's degree in Geography from George Mason University. ■



VASCO DE GAMA ESPINOZA

Director of Outreach, Training, and Grants

Pipeline and Hazardous Materials Safety Administration
United States Department of Transportation

Since becoming PHMSA's Director of Outreach, Training, and Grants Division in July 2011, **VASCO ESPINOZA'S** responsibilities include:

- Managing the strategic and operational activities of PHMSA's Training, Outreach, and Grants Division.
- Advising PHMSA's Associate Administrator concerning training, grants, and outreach regarding assistance, advice, and support to state and local governments in their efforts to enhance public safety relating to the transportation of hazardous materials (HazMat) by air, rail, highway, and water modes of transportation.
- Overseeing the Emergency Response and Emergency Preparedness Grants Program.

- Overseeing the operations of the Hazardous Materials Registration Program.

- Supporting state and local governmental officials in their enforcement and emergency response activities.

Vasco has played a key leadership role as a PHMSA Investigator and in the environmental compliance/regulatory profession for more than 22 years at five government agencies (DOT, DOD, DHS, EPA, & AmeriCorps).

He has an in-depth understanding of HazMat/waste issues related to their use/storage, transportation, disposal, response and potential contamination/reaction capabilities.

Mr. Espinoza holds a bachelor's degree in E-Business, a master's degree in Business, and currently is a Doctoral candidate in Homeland Security Leadership and Policy. ■

VIEW A FULL LIST OF OUR 2012 NATIONAL TRANSCAER TASK GROUP » [PAGE 33](#)

Meet Your New State Coordinators



RICHARD "RICK" A. BOBO, JR.

Hazardous Materials Program Coordinator, Division of Emergency Management
Kentucky Department of Military Affairs

Kentucky

RICK BOBO has more than 19 years of experience in the fire service with certifications in confined space, high angle rescue, HazMat technician, rail car specialist, trench rescue, NIMS Instructor for ICS 300-400 and certified Kentucky Firefighter. He holds the position of Captain and Safety Officer for the Shelby County Suburban Fire District. He currently is the Director for Bluegrass Emergency Services Association (BESA), one of the fifteen associations that comprise the Kentucky Firefighters Association. Rick is the Past-President for both the Shelby County Firefighters Association and BESA.

Mr. Bobo's current responsibilities include managing the day-to-day operation of the Kentucky Hazardous Materials Program and oversight of the HMEP Grant Program through U.S. Department of Transportation's Pipeline and Hazardous Materials Safety Administration for the Commonwealth of Kentucky. He is in charge of writing and submitting progress reports as well as grant applications, writing and monitoring contracts and monitoring budget expenditures. Rick provides training and technical assistance to local first responders, LEPCs and partners statewide. ■



MIKE STEPHENSON

Security Specialist, Emergency Services and Security (ES&S)
The Dow Chemical Company

New Jersey

MIKE STEPHENSON has 30 years of service with Union Carbide and Dow Chemical Company. Currently, he serves as the Security Specialist for Dow's Global Emergency Services and Security (ES&S) team. He is a member of Dow's National TRANSCAER® Team as instructor for the past six years and along with the other members of the Dow team have built the current training program and conducted training across the U.S. since 2007. Mike has also been serving as a TRANSCAER® State Coordinating team member in New Jersey. Within Dow, he serves as the ES&S Audit/Security Vulnerability Assessment (SVA) Expertise Network Leader. Mike works with Dow's U.S. focal point for compliance with DHS CFATS, USCG MTSA, and TSA's Rail Transportation Security Programs and is a member of Dow's Distribution Emergency Response Team (DERT) organization led by Rollee Shook (National TRANSCAER® Coordinator). Mike is Dow's northeast regional hub ES&S focal

point for Dow sites in Massachusetts, New York, Connecticut, New Jersey, Pennsylvania, and Delaware and serves as the New Jersey site's Emergency Services and Security Leader at the Dow site in Piscataway, N.J.

He is active in: ASIS International, Central New Jersey Chapter, NFPA Member, Chemical Council of New Jersey, Chemical Sector Security Committee and Working Security Subcommittees, Chemical Council of New Jersey, Outreach/Communications Committee, Facilitator for our area Community Advisory Panel (CAP) – 20 years, Middlesex County Local Emergency Planning Committee (LEPC) – 20 years, Township LEPCs (Piscataway, Middlesex, and Franklin) – 20 years, Facilitator for our area's Hazard Management Advisory Committee (HMAC) – 20 years, Community Emergency Response Team (CERT) instructor and member of Piscataway and Middlesex CERT – 8 years. ■



KATHLEEN M. SPILMAN

PE, Managing Director
Keitu Engineers & Consultants, Inc.

North Dakota

MS. KATHLEEN SPILMAN is currently a Managing Director for Keitu Engineers & Consultants, Inc. in Mandan, ND and concentrates her practice in the areas of environmental design and permitting, process safety management, hazardous materials handling and transportation, industrial hygiene and emergency planning.

Ms. Spilman is a registered professional engineer in three states (North Dakota, South Dakota and Montana) with a BS degree in chemical engineering and a Master's degree in Management. She worked previously for a major international oil company for 17 years including assignments at refineries in Mandan, ND and Whiting, IN as well as a temporary assignment in Texas City, TX. Her jobs ranged from health and safety engineer to a unit operations superintendent at North America's third largest refinery. After two additional years with a "big-5" international consulting

firm, she returned to North Dakota in 2001 and co-founded the firm which specializes in regulatory affairs.

Ms. Spilman was appointed to the North Dakota State Emergency Planning Committee by Governor John Hoeven in 2007 and represents the ND transportation industry. She was North Dakota's delegate on the 2008 focus group steering the development of the National Hazardous Materials Fusion Center by the International Association of Fire Chiefs and U.S. Department of Transportation. Kathye also serves on the curriculum advisory committee for the Department of Chemical Engineering at the University of North Dakota – Grand Forks. Recognized by her peers, she was selected as the 1987 Outstanding Young Engineer by the ND Society of Professional Engineers. ■

Does my emergency response plan include ethanol? Am I confident in my knowledge concerning ethanol safety standards? Can I treat ethanol like regular gasoline? **What should I do in an ethanol emergency?** Do I have the right type of fire extinguisher for an ethanol fire? Am I familiar with my emergency equipment? **Is ethanol safe?** Am I prepared with clearly posted emergency numbers? Do I know what needs to be included in an emergency plan? **Why is ethanol safety important?** Who can answer my questions about ethanol safety? Where is the emergency shut-down button located?

If you have questions, we have answers.



ETHANOL Safety Seminar

WHERE: Georgia Public Safety
Training Center
1000 Indian Springs Drive
Forsyth, GA 31029

WHEN: March 27, 2012

TIME: 9:00 am – 2:00 pm,
Course # FFAA12138
or
5:30 pm – 10:00 pm,
Course # FFAA12139

WHO SHOULD ATTEND:
Emergency Responders,
Police, Fire Departments,
EMTs, Safety Managers,
Local Emergency Planning
Committees

REGISTER: www.rfa.traincaster.com

DESCRIPTION:

This instructional session is designed for individuals who will respond to ethanol-related emergencies as well as those who work at fixed-facilities and transport fuel. This course is designed to give first responders the knowledge and edge when combating emergencies of this type.

CERTIFICATE OF TRAINING:

Certificates of Training from the Georgia Public Safety Training Center will be awarded to attendees in need of training hours following the completion of the seminars.

- Prerequisite: Firefighter 1
- Send Student Authorization Form to GPSTC Registration's Fax 478-993-4303 or go to www.gpstc.org for more information.
- Contact: Captain Rodney Pickle, 478-993-4670, rpickle@gpstc.state.ga.us

FREE to attend! Registration is limited to the first 100 people per seminar. Lunch and dinner will be provided.
Questions: Jen Kracher, 402-391-1930, jkracher@ethanolrfa.org



Upcoming Events

Looking for TRANSCAER® Training? Here's a listing of some recent upcoming training events.

For more details or to register, please visit:

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

★ Thursday, March 08, 2012

National TRANSCAER® Task Group Meeting

Quarterly Meeting
8:00AM to 2:00PM

Washington, District of Columbia 20024

★ Tuesday, March 27, 2012

Ethanol Safety Seminar - Forsyth, GA

Ethanol Safety Emergency Response
9:00AM to 10:30PM

Forsyth, Georgia 31029

★ Wednesday, April 18, 2012

Ethanol Safety Seminar - Chattanooga, TN

Ethanol Safety Emergency Response
9:00AM to 10:30PM

Chattanooga, Tennessee 37406

★ Wednesday, May 09, 2012

Chlorine Institute/Union Pacific TRANSCAER®

Chlorine, Hydrochloric Acid, Sodium Hypochlorite, Sodium Hydroxide, Railroad Safety, Emergency Response
9:00AM to 5:00PM

Fort Worth, Texas 76102

★ Thursday, May 10, 2012

Chlorine Institute/Union Pacific TRANSCAER®

Chlorine, Hydrochloric Acid, Sodium Hypochlorite, Sodium Hydroxide, Railroad Safety, Emergency Response
9:00AM to 5:00PM

Fort Worth, Texas 76102

★ Saturday, July 07, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM

Dickinson, North Dakota

★ Tuesday, July 10, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM

Bismarck/Mandan, North Dakota

★ Friday, July 13, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM

Jamestown, North Dakota

★ Monday, July 16, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM - Fargo, North Dakota

★ Friday, July 20, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM - Grand Forks, North Dakota

★ Monday, July 23, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM

Devils Lake, North Dakota

★ Monday, July 30, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM | Minot, North Dakota

★ Tuesday, July 31, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM | Minot, North Dakota

★ Saturday, August 04, 2012

TRANSCAER® Anhydrous Ammonia Awareness Training (Multi-modal)

Emergency responder training on anhydrous ammonia and transport

8:00AM to 12:00PM | Williston, North Dakota

★ Wednesday, September 19, 2012

Chlorine Institute/Union Pacific TRANSCAER®

Chlorine Safety

9:00AM to 5:00PM | Denver, Colorado 80221

★ Thursday, September 20, 2012

Chlorine Institute/Union Pacific TRANSCAER®

Chlorine Safety

8:00AM to 5:00PM | Denver, Colorado 80221

TRANSCAER® is coming to your neighborhood!

2012 NS/DuPont Training Tour Schedule

Norfolk Southern and DuPont will be teaming to present TRANSCAER® trainings in the following communities this year. ALL TRANSCAER® Training is **FREE!** You can't afford NOT to train with us!

Dates	Car #	Location (City, State)
March 5-9	DUPX 912	Covington, TN
March 12-16	DUPX 912	Dyersburg, TN
March 26-30	DUPX 912	Centralia, IL
April 9-13	DUPX 912	Effingham, IL
April 23-27	DUPX 912	Decatur, IL
April 30-May 4	DUPX 912	Champaign, IL
May 7-11	DUPX 912	Lafayette, IN
May 21-25	DUPX 912	Gary, IN
June 11-15	DUPX 912	Heath, OH
June 25-29	DUPX 912	Follensbee, WV <Koppers>
July 9-13	DUPX 912	Johnsonburg, PA
July 30-August 3	DUPX 912	Altoona, PA
August 13-17	DUPX 912	Harrisburg, PA
August 20-24	DUPX 912	Lancaster, PA
September 5-7	DUPX 912	Red Lion, DE <DuPont>
September 17-21	DUPX 912	Fairfax, VA
October 8-12	DUPX 912	Evansville, IN
October 22-26	DUPX 912	Paducah, KY
March 19-23	DUPX 913	Orange, TX <DuPont-Sabine>
March 26-30	DUPX 913	Orange, TX <DuPont-Sabine>
April 16-20	DUPX 913	Slidell, LA
April 23-27	DUPX 913	Hattiesburg, MS

Dates	Car #	Location (City, State)
April 30-May 4	DUPX 913	Meridian, MS
May 14-18	DUPX 913	Spartanburg, SC
June 4-8	DUPX 913	Charlotte, NC
June 11-15	DUPX 913	Raleigh, NC
June 18-22	DUPX 913	Selma, NC
June 25-29	DUPX 913	Chocowinity, NC
July 9-13	DUPX 913	Cleveland, TN
July 16-20	DUPX 913	Knoxville, TN
July 23-27	DUPX 913	Morristown, TN
August 6-10	DUPX 913	Bristol, VA
August 27-31	DUPX 913	Sharonville, OH
September 10-14	DUPX 913	Portsmouth, OH
September 24-28	DUPX 913	Roanoke, VA
October 1-5	DUPX 913	Lynchburg, VA
October 8-12	DUPX 913	Hopewell, VA
October 15-19	DUPX 913	Norfolk, VA
November 5-9	DUPX 913	Delisle, MS <DuPont>

For more information about these events watch the TRANSCAER® EVENTS web site at <http://transcaer.com/events>, or contact William Oertly, Hazardous Materials Compliance Officer, Norfolk Southern, 110 Franklin St SE, Box 13, Roanoke, VA 24042, 540-524-5965 (office), or at william.oertly@nscorp.com.

The Dow Chemical Company TRANSCAER® Training Tours

As part of the TRANSCAER® emergency preparedness training, several training tours are being planned for 2012.

Community leaders are welcome to attend the training sessions to learn how they can elevate their assistance and communications to the community

National Tours Contact: Rollie Shook - 989-638-3604

State Tour Contacts: MI: Pete Kirk - 989-636-0123,

LA: Joey Dugas - 225-353-5877, TX: Billy Yates - 979-238-2048,

CA: Scott Etzel - 925-432-5410, NJ: Mike Stephenson - 732-563-5026

Dates	Tour	Partner Railroad
March 26-30	2012 B.R.A.M.A.S./LSP Louisiana Emergency Response School - Baton Rouge, LA	Canadian National & Union Pacific
April 13, 14, 26-28 May 10-12	North East Tour - Bound Brook, NJ	Norfolk Southern & Conrail Railroads
June 8-24	Pennsylvania & Ohio Tour - Multiple Locations	Wheeling & Lake Erie Railway
July 18, 19, 21 & 24-26	Michigan Tour - Midland, MI	CN Railroad, CSX Railroad, & Conrail
October 18-21	HOTZONE - Houston, TX	Union Pacific

DuPont, CN and NS Brings Training to IL and TN

Article and Photos by Bill Burke, DuPont



CN and DuPont Training Class—Photo by William Burke (DuPont)

DUPONT, CN AND NORFOLK SOUTHERN RAILROAD (NS) are teaming up to present HazMat Technician Refresher and Awareness level training to Emergency Response personnel in Illinois and Tennessee beginning in March.

CN and DuPont will present several training sessions in Covington, Tennessee for both Career and Volunteer Fire Departments in the Tipton County area. The week-long sessions will be highlighted by an emergency response exercise on Thursday morning March 8th simulating a Chlorine release from the DUPX-912 CAER Car.

Covington Fire Department HazMat Team along with supporting agencies and Departments will have the opportunity for some hands-on work stopping a leak of air pressure from the valves on the tank car.

DuPont and CN HazMat/Dangerous Goods Instructors will move onto Dyersburg, TN the following week for training activities with the Dyersburg, TN Fire Department.

Sessions will be conducted during day and evening hours to allow for participation by both Career and

Volunteer Departments in the Dyer County area. DUPX-912 will again be utilized by CN/DuPont personnel to provide instructional activities for emergency response personnel.

CN and Norfolk Southern Railroads will unite under the TRANSCAER[®] banner to provide HazMat training in the state of Illinois as DUPX-912 moves into Centralia, IL the week of March 26th.

CN/NS and DuPont instructors will team up to provide both eight hour HazMat Refresher and four hour HazMat Awareness classes to First Responders from emergency services groups in the area.

CN/NS and DuPont will complete this initial TRANSCAER tour by moving into Effingham, IL in April with sessions to be presented the week of April 9th for emergency responders from the surrounding counties. Both afternoon and evening sessions will

be utilized to provide the maximum opportunity for participation in these offerings by these three TRANSCAER member entities. ■

For additional information about these training events please contact William R. Burke, Emergency Response Specialist/Site Fire Chief, DuPont Memphis Plant, 2571 Fite Road, Memphis, TN 38127, (901) 353-7554 or William.R.Burke@usa.dupont.com.



John Lerner of Norfolk Southern Provides Rail Car Hands On Training to Emergency Responders in Cincinnati, Ohio Photo by William Burke (DuPont)

MARK IT!

✗ **March 5 -9, 2012** - Covington, Tennessee

✗ **March 26-30, 2012** - Centralia, IL

✗ **April 9-13, 2012** - Effingham, IL

Ethanol Safety Seminars Gear Up for 2012 Tour



safety managers, and local emergency planning committees, it is also open to the general public. Certificates of participation will be distributed following the completion of the seminars.

Ethanol production, transportation, and use are increasing year after year. As this domestically grown fuel accounts for 10% of our country's fuel supply, many first responders will be tasked with preparing for potential ethanol-related incidents for the first time. It is important that those responsible for safety in their communities are well-prepared and trained for responding to ethanol-related emergencies.

The goal of the seminar is for attendees to gain full ethanol emergency response training experience that they can put to use immediately in the field as well as pass along to other first response teams. A majority of this training is based on the *Complete Training Guide to Ethanol Emergency Response*, a training package created by the Ethanol Emergency Response Coalition (EERC) that has been distributed throughout the United States and to several countries worldwide.

The Ethanol Safety Seminar focuses on numerous important areas of ethanol safety including an introduction to ethanol and ethanol blended fuels, chemical and physical characteristics of ethanol and hydrocarbon fuels, transportation of ethanol blended fuels, storage and dispensing locations, fire fighting foam principles and ethanol, ethanol blended fuel emergencies, and incidents at tank farm and bulk storage locations. ■

THE RENEWABLE FUELS ASSOCIATION (RFA) AND NORFOLK SOUTHERN CORP have partnered together to bring FREE ethanol emergency response training to six different locations in 2012. Each location will have two Ethanol Safety Seminars. The day seminar will be from 9am-2pm and the evening seminar will be from 5:30pm-10pm.

Attendees will receive in depth information on proper training techniques that first responders and HazMat personnel need to effectively respond to an ethanol-related emergency. While primarily targeting first responders, HazMat teams,

The goal of the seminar is for attendees to gain full ethanol emergency response training experience that they can put to use immediately in the field as well as pass along to other first response teams.

To register go to www.rfa.traincaster.com.

For more information on ethanol emergency response, visit www.EthanolResponse.com.

MARK IT!

2012 Ethanol Safety Seminar Locations

✗ Forsyth, GA - March 27th

✗ Chattanooga, TN - April 18th

✗ Spartanburg, SC - May 7th

✗ Raleigh, NC - July 11th

✗ Decatur, IL - August 22nd (subject to change)

✗ Pittsburgh, PA - September 13th

Ethanol Safety Seminars

THE RENEWABLE FUEL RENEWABLE FUELS ASSOCIATION (RFA) AND CN have partnered together to bring FREE ethanol emergency response training to five different locations in 2012. Each location will have two Ethanol Safety Seminars. The day seminar will be from 9am-2pm and the evening seminar will be from 5:30pm-10pm. These seminars have been scheduled along CN's corridors.



To register go to www.rfa.traincaster.com. For more information on ethanol emergency response, visit www.EthanolResponse.com.



2012 CN Ethanol Safety Seminar Locations

- X Rockford, IL** - May 22th
- X Waterloo, IA** - June 14th
- X Bartlett, IL** - TBD
- X Dubuque, IA** - June 13th
- X Decatur, IL** - June 22th

Huge Anhydrous Ammonia Training Tour Scheduled for North Dakota

By Kathleen Spilman, Keitu Engineers & Consultants, Inc.

AS PART OF ITS NATIONWIDE TRAINING TOUR to educate safety officials on how to respond to anhydrous ammonia release incidents, TRANSCAER® Anhydrous Ammonia Training Tour events have been scheduled in North Dakota in 2012.

This training is FREE. Among those who will receive training are firefighters, who will be taught how to open transport trailers for ammonia, and the necessary precautions to take when faced with an emergency situation.

The Training Tour is stopping in cities across the country where use of anhydrous ammonia is prevalent.

BNSF Railway Hazardous Materials Team members are instrumental in assisting with events scheduled in North Dakota. Local ammonia suppliers and over-the-road transporters are also expected to attend.

TRANSCAER's website (www.transcaer.com) is available as a "one-stop shop" for the most comprehensive online training program on Anhydrous Ammonia. Materials available include Anhydrous Ammonia Tour training videos, handbooks, PowerPoint presentations and instructor and student guides that address emergency response, chemical properties, transports and nurse tanks, and railcars, as well as promotional print materials including posters and brochures.

All of the Anhydrous Ammonia Training Tour materials were developed by a team of seasoned experts from across various industries. The website contains practical tools that give emergency responders the information they need to manage an anhydrous ammonia release incident.

The "Emergency Response" section of the online training module reviews: Real-life plume modeling used to calculate air pollution concentrations; weather impacts on ammonia releases; how to determine and protect downwind threats; other environmental impacts and controls; and containment options for anhydrous ammonia releases. ■



A listing of cities where the tour is taking place is available at:
<http://transcaer.com/events.aspx>.

The scheduled locations in North Dakota for 2012 include:

- X Dickinson** - July 7, 2012
- X Bismarck/Mandan** - July 10, 2012
- X Jamestown** - July 13, 2012
- X Fargo** - July 16, 2012
- X Grand Forks** - July 20, 2012
- X Devils Lake** - July 23, 2012
- X Minot** - July 30, 31, 2012
- X Williston** - August 4, 2012

Register online at www.TRANSCAER.com/events.

For more information about the training in North Dakota contact,
Kathleen Spilman, Keitu Engineers & Consultants, Inc.
at (701) 667-1800 or kspilman@keitu.com.

Union Pacific Railroad & The Chlorine Institute to Deliver Four TRANSCAER® Sessions in 2012



Union Pacific's Kim Keeling discusses tank car safety in Council Bluffs, Iowa. Photo By Charlie Wright

THE Chlorine Institute (CI) and the Union Pacific Railroad (UP) have scheduled two TRANSCAER® Emergency Response Training events. Day long training sessions will be held in Fort Worth, Texas on May 9-10, 2012 and another will be held in Denver, Colorado on September 19-20, 2012. Both days of training will include the same training.

Like all TRANSCAER® events, registration is free. The CI/UP TRANSCAER® Emergency Response Training consists of hands-on learning in addition to classroom activities, one-on-one training with Emergency response Professionals, and an opportunity to expand you knowledge and skills! When you complete the course you will receive a certificate recognizing completion.

Participants should bring their own hard hats, gloves, safety glasses, and sturdy work boots with a defined heel to allow participation in the hands on exercises. ■

To register for these trainings in Fort Worth or Denver, please visit: <http://www.TRANSCAER.com/events>
For more information on The Chlorine Institute, visit their website at www.chlorineinstitute.org.

MARK IT!

- ✗ **May 9-10, 2012** - Fort Worth, TX
- ✗ **September 19-20, 2012** - Denver, CO

DON'T MISS:

TRANSCAER® Anhydrous Ammonia – Taming the Tiger in the Tank

PRESENTED BY DAVID BINDER, Tanner Industries, Inc., and Member of the National TRANSCAER® Task Group and Chair of the curriculum committee that put together the TRANSCAER® 2011/2012 Anhydrous Ammonia training program.

Get prepared to handle ammonia incidents from start to finish, beginning with an overview of anhydrous ammonia properties, rail car transportation containers, types of releases, trouble shooting incidents, and response recommendations. Lessons learned will be discussed through brief illustrations of case histories involving both stationary facilities and transportation incidents.

Sign up to meet David Binder during these 2012 National Hazardous Materials Focused Conferences (registration fees are required for each conference – other conferences to be announced):

- ★ **International Hazardous Materials Response Teams Conference 2012**
May 17 - 20, 2012 - Baltimore, Maryland
<http://www.iafc.org/Education/Events.cfm?itemnumber=4639>
- ★ **25th Annual AAR/BOE Hazardous Materials Seminar**
May 22–24, 2012 at the Marriott Union Station in St. Louis, Missouri
http://www.boe.aar.com/boe-HazMat_seminar.htm
- ★ **25th Annual Alliance of Hazardous Materials Professionals Conference**
September 9-13, 2012 in Anchorage, Alaska
<http://www.ahmpnet.org/sites/conf/anchorage2012/home.php>

And make sure to stop by the TRANSCAER® and CHEMTREC® booth to pick up your **FREE** anhydrous ammonia training DVD during all of these conferences. ■

MARK IT!

- ✗ **May 17 - 20, 2012** - Baltimore, MD
- ✗ **May 22–24, 2012** - St. Louis, MI
- ✗ **September 9-13, 2012** - Anchorage, AL

Does my emergency response plan include ethanol? Am I confident in my knowledge concerning ethanol safety standards? Can I treat ethanol like regular gasoline? **What should I do in an ethanol emergency?** Do I have the right type of fire extinguisher for an ethanol fire? Am I familiar with my emergency equipment? **Is ethanol safe?** Am I prepared with clearly posted emergency numbers? Do I know what needs to be included in an emergency plan? **Why is ethanol safety important?** Who can answer my questions about ethanol safety? Where is the emergency shut-down button located?

If you have questions, we have answers.



ETHANOL

Safety Seminar

WHO SHOULD ATTEND:

Emergency Responders
Fire Departments
EMTs
Local Emergency
Planning Committees
Police
Safety Managers

WHERE: Chattanooga Fire Department
Training Center
Gymnasium
3200 Amnicola Highway
Chattanooga, TN 37406

WHEN: April 18, 2012

TIME: 9:00 am – 2:00 pm
or
5:30 pm – 10:00 pm

REGISTER: www.rfa.traincaster.com

QUESTIONS: Jen Kracher
402-391-1930
jkracher@ethanolrfa.org

**FREE to attend! Registration is limited to the first 100 people per seminar.
Lunch and dinner will be provided.**



TRANSCAER® Anhydrous Ammonia Tour 2011



Bristol FD HazMat crews work to stop a simulated NH3 leak on the DuPont training Program tank car.



Kentucky Emergency Management Agency personnel also attended the sessions.



Joe Oliver of NS welcomes the overflow Crowd in Chattanooga, TN to the NH3 Tour Program



Dave Point of AirGas explains the Emergency Shutdown valves on the MC-331 cargo tank.

DuPont/NS/AirGas Train 730 in Four States

TRANSCAER® partners Norfolk Southern Railroad, AirGas Inc. and DuPont began the long-awaited Anhydrous Ammonia Tour in cold and rainy Cincinnati, Ohio. Preparations for the sessions had been made months in advance through conference calls, discussions, and planning sessions between the partners and TRANSCAER staff and trainers. As the rains came, the setup in the Norfolk Southern Yard began with the DuPont CAER Car classroom and training tank car, tents, High-Pressure NH3 MC-312 cargo tank, restroom facilities, and parking areas.

As the clock wound toward the start time, the big red and white engines from Cincinnati Fire Department began to pull into the designated parking areas along with other emergency response equipment. Students began to file into the Boxcar Classroom for the welcome and kick-off of TRANSCAER's 2011 offering focusing on the properties, hazards, and response techniques for Anhydrous Ammonia.

Even in the rain during the first day, spirits ran high as the week continued and the "bumps" in the road began to smooth out. NS Instructors Joe Oliver and John Lerner along with Dave Point of AirGas, Inc. and Ed Kozey and Bill Burke from DuPont delivered the modules prepared months ago by the TRANSCAER staff. Then, the students filed outside the classroom to begin observing the Anhydrous Ammonia transport equipment and learn about the valving and features they

had seen on the PowerPoint presentations.

Lexington, Kentucky was the next stop on the Tour for the NS/AirGas/DuPont training team. Firefighters from the Lexington Fire Department were so impressed with the delivery that they treated the team to dinner in one of the main Lexington Fire Department stations to show their appreciation.

The TRANSCAER Team moved on through Kentucky stopping at the towns of Danville and Somerset. In Somerset, high winds destroyed the tent right after setup was completed. With repairs complete, the tour finished the week in Kentucky and moved onto Chattanooga, Tennessee and Bristol, Virginia. The team added Joe Murabito and Mike Lacy from DuPont on the sessions in Kentucky and Mike Stiner from NS. The Anhydrous Ammonia Tour climaxed in Bristol with an actual Response exercise with a simulated leak from the DuPont CAER car. Responding Fire Departments from Bristol, Virginia and Bristol, Tennessee along with units from the Commonwealth of Virginia Department of Emergency Services setup Incident Management facilities while HazMat teams from the 2 departments went through Air Monitoring and Hot Zone entry procedures as well as Decontamination line setup. The local Bristol, Virginia newspaper reviewed the exercise in its weekly publication which was reprinted by permission in the TRANSCAER newsletter last year. ■

The Figures

46

SESSIONS PRESENTED

6 LOCATIONS IN 4 DIFFERENT STATES

4 DUPONT INSTRUCTORS

82

DIFFERENT AGENCIES PARTICIPATED

730

FIREFIGHTERS, HAZMAT TECHNICIANS, EMT'S, LAW ENFORCEMENT OFFICERS, AND EMERGENCY MANAGEMENT OFFICIALS TRAINED

3 NORFOLK SOUTHERN INSTRUCTORS

1 AIRGAS, INC. INSTRUCTOR

Dow Corning and Dow Chemical Team to Provide Ethanol Training

ON JANUARY 21ST, Mike Snyder, Dow Corning Corporate Loss Prevention Director and Rollie Shook, Dow Chemical Global Emergency Services Leader were invited to present the Renewable Fuels Ethanol Emergency Response program for the Iosco County annual Northeastern Michigan County Firefighters training session.

Renewable Fuels supplied 100 Ethanol Emergency Response DVDs which were shared with all attendees. Approximately 100 participants were expected, but due to a snow storm attendance was around 50 participants.

The session's focus was Ethanol Training along with a TRANSCAER® overview. Participants were engaged, asked many questions and during the break many followed up for additional one-on-one questions.

Feedback was very positive and a very warm appreciation was shared by participants and event leadership. ■



Visit The Dow Chemical Company's
TRANSCAER® web site at
www.dow.com/transcaertours

Chlorine institute and Union Pacific Teamed Up for 2011 TRANSCAER® Chicago Training Event

Story and Photos By: Shane Fast, The Chlorine Institute



Tracy Clark of United Professional Services explains the details of the unloading valve and other parts of a caustic tank trailer.

THE Chlorine Institute and Union Pacific Railroad hosted two training days at Belt Railway Company of Chicago on September 21 and September 22. A grant from the Transportation Security Administration made this training possible.

More than 200 people were present over the two day period. Attendees included railroad employees, first responders, emergency response contractors, CI members, DHS, EPA, FEMA and law enforcement.

Task Group Chair Randy Rowe led 20 trainers in the Chicago Suburbs. Member companies providing trainers include Alexander, ERCO Worldwide, JCI Jones Chemical, Midland (OPW), Occidental, Rowell, Salco, and Westlake. CHLOREP

Contractor Trainers were provided by Specialized Response Solutions, United States Environmental Services, and United Professional Services. Other trainers were provided by the Union Pacific Railroad, the Canadian Pacific Railroad, and the Indiana Harbor Belt.

Alexander, ERCO Worldwide, JCI Jones Chemical, KA Steel, Midland (OPW), Rowell, Salco, Canadian Pacific, the Firefighters Safety and Training Foundation, and Union Pacific provided the equipment and training props to make it a successful event. ■

For more information contact
Shane Fast (sfast@CL2.com), The Chlorine Institute



Ryan Beard of United Professional Services and Josh Hewitt of Alexander Chemical show first responders how to properly install Device 2 to mitigate a leak from the fusible plug on a 150-pound chlorine cylinder.



Randy Rowe of ERCO Worldwide shows the typical valve arrangement and protective housing for a chlorine rail car while explaining what to look for prior to applying the Emergency Kit C.

HazMat Bucket List Training Achieved in Pekin, IL

Story and Photo By: Ed Chapman, BNSF Railway



IN THE TRUE SPIRIT OF TRANSCAER® a great team effort involving multiple rail and tank truck operators, a regulatory agency, a trade association and an ethanol producer made for an excellent safety training event.

Aventine Renewable Energy hosted two Ethanol Safety Seminar/Anhydrous Ammonia Training events at their ethanol facility October 21-22, 2011 in Pekin, IL.

Almost 100 people attended the training event over two days.

Almost 100 people attended the training event over two days. Attendees received classroom instructions from knowledgeable and experienced trainers on responding to ethanol and anhydrous ammonia emergencies. Training materials were distributed to the attendees to take with them. This included the Complete Training Guides to Ethanol Emergency Response

from the Ethanol Emergency Response Coalition (EERC) and the Anhydrous Ammonia Training Tour DVD from TRANSCAER®.

The afternoon consisted of hands-on training which included interaction with the Farm Service demo tank truck and nurse tank, Union Pacific Railroad dome training, a Tazewell & Peoria locomotive, and two rail tank cars. This allowed participants to see first-hand what they need to look for in the event of an ethanol or anhydrous ammonia incident. The day concluded with a tour of the Aventine Renewable Energy biorefinery.

For anyone who had a “bucket list” item for participating in some insightful HazMat commodity-specific training, their quest was fulfilled! ■

John Spealman, EMR responder and TRANSCAER® State Coordinator in Illinois, uses a mobile valve trailer to explain tank car valves to area responders at Pekin, IL.

Thanks!

A special note of thanks goes to the instructors and presenters, including:

Brad Cantrell, Aventine Renewable Energy
John Spealman, EMR, Illinois TRANSCAER® Coordinator
Brian Cox, Pekin Fire Department
Shirley McNew, USDOT/PHMSA
Robert Verdick, Betcher Trucking
Kevin Runkle, Illinois Fertilizer & Chemical Association
Julie Evans, TZPR Railroad
Bill Baker, CSXT Transportation
Ed Chapman, BNSF Railway

BNSF and Union Pacific Conduct Joint Training at USAFA in CO | By Tony Bacino, MTBE Inc./BNSF Railway



Kim Keeling of Union Pacific presents tank car valves during rail car training in USAFA in Colorado Springs.

THE UNITED STATES AIR FORCE ACADEMY played host to a TRANSCAER® rail specific training event for Front Range emergency responders in Colorado Springs on February 1-2, 2012.

In addition to the Air Force Academy, Fort Carson, Colorado Springs Fire and the Tri-Lakes Monument responders were all represented during the two day training session. Approximately 70 responders received TRANSCAER® training, which is a precursor to an upcoming exercise drill scheduled for later this spring.

Responders were also trained to use the Midland Capping Kit. This “Kit” can be used to stop leaks on Pressure Tank Cars carrying liquefied petroleum gas and anhydrous ammonia. For most, it was the first time these responders had the opportunity to work with the kit.

BNSF Railway and Union Pacific Railroad conducted the rail training sessions and Midland Kit demonstration. Kim Keeling and Michael Villa-Real represented Union Pacific, while Tony Bacino of MTBE Inc. was engaged on behalf of BNSF.

Col. Tim Gibson, Commander of the Tenth Air Wing presented the “Commander’s Award for Excellence” to each instructor following this TRANSCAER® training event. ■

Co-Sponsored TRANSCAER® Mock Wreck Gives Many Agencies an Opportunity to Practice Their Emergency Response Skills | By Steve Torres, Safety Director, Schneider National Bulk Carriers



WHAT DO A TANK TRUCK filled with a toxic inhalation hazard, Bromine Trifluoride, driven by a driver with Monkey pox; a car packing an unknown quantity of radioactive Cobalt 60; and a train filled with 6,000 gallons of diesel fuel and 50 young students on a field trip have in common? If I told you they all collided at a rail crossing, breaching the tank trailer, setting the car on fire, and sending portions of the train into a commercially busy river, you’d probably guess this was the plot of a future action movie. In fact, all of this did occur in at a location in Louisiana that was used for the recent filming of a Hollywood movie. But this time around, Port Manchac was the scene of a complex emergency response exercise conducted on October 6, 2011.

Schneider National Bulk Carriers (SNBC) is a key contributor to the community outreach organization known as TRANSCAER®. As a member of this group, SNBC offered its services to the planner of this exercise to help enhance the realism of the scenario. After all, there is no substitute for real equipment and role players in practice events like this. SNBC’s Reserve, Louisiana-based, senior OSR Elroy Hoover was selected to serve as the CDL driver that was overcome with the symptoms of an exotic disease at the time he was making a delivery

CONTINUED PAGE 31 >>

Dana Commits to Providing Cargo Tank Training in New England

By Gene Patten, Dana Transport Inc.



Dana's Jon Cragg did the hands-on cargo tank training with HazMat Techs going through requalification training. Jon is showing them the various fittings and vents; the trailer has three DOT specifications: MC-307, DOT-407 and MC-331. Photo: Gene Patten, Dana Transport, Inc.

DANA TRANSPORT INC., headquartered in Avenel, NJ recently participated in a HazMat Tech Requalification event at the Massachusetts State Fire Academy in Stow, MA. Dana's presentation included cargo tank anatomy (various fittings, vents, and gaskets), a demonstration of the Betts Emergency Recovery Valve, and hands-on operation of a multi-spec, multi-compartment cargo tank, as well as a FRP bleach trailer.

The request of David Loh and John Dearborn of the MA Department of Fire Services Hazardous Materials Response Program training was conducted on January 13, 2012.

The training was well received, with several inquiries from the cities represented. "The Dana Transportation Companies are committed to the Cargo Tank Training events in New England and will continue to respond as needed," according to Gene Patten, VP – Responsible Care® Coordinator for Dana.

"The Dana Transportation companies operate 50 terminals throughout the continental U.S. We have four terminals operating in Massachusetts, handling a wide variety of hazardous and non-hazardous bulk chemicals. We are a 'Partner' member of the Responsible Care® program and actively participate in TRANSCAER® events in NJ, DE and LA."

The MA State Fire Academy offers and provides training to the 23,000 firefighters throughout the Commonwealth, inclusive of the Metro-Boston cities and towns and MassPort as well as the USCG, LNG, LPG industries, the six MA-Regional HazMat Response District Teams, MA-State Police and MBTA Transit Police.

Additionally, the Academy has an "Ethanol for First Responders" program ready for delivery which includes a live demonstration of extinguishing an ethanol fire. According to David Loh of the MA Department of Fire Services, "We have included in our (six week, 305 hour) HazMat Technician program

the TRANSCAER® Railcar presentation and the Dana Transportation presentation and props to the program. The TRANSCAER® training has been an exceptional learning experience for our HazMat technician candidates; the Dana Transport presentation has been equally educational. We look forward to continuing our partnership in public safety training." ■



Jon Cragg showing the firefighters the top-unloading valves of the MC-331 compartment of the cargo tank. Photo: Gene Patten, Dana Transport, Inc.

Teamwork Leads to Valuable Training for Smaller Fire Departments | By Steve Torres, SNBC Safety Director and TRANSCAER® Region 5 Coordinator

SOME OF THE SMALLEST OUTREACH events can reap the biggest benefits. Over the course of a week in January, TRANSCAER® member Schneider National Bulk Carriers (SNBC) brought together the efforts of Brahma Safety and Anderson Pollution Control to deliver some valuable training at a very local level. This training was received with gratitude by the fire departments of the small, south Texas towns of Cuero, Yoakum, and Yorktown.

It is the mission of TRANSCAER® volunteers like SNBC to provide outreach efforts that focus on assisting communities with emergency response preparedness for possible hazardous materials transportation incidents. As supply chain operations grow rapidly across the region due to the expanding shale oil and gas industry, affected townships and their first responders are recognizing the need to be prepared for emergencies in their areas of responsibility. In the case of the Yoakum FD, this is an area of 500 square miles. This breadth of coverage is a tall order for a department of 9 full-time and 25 volunteers.

During the course of three structured training events, SNBC provided a tractor and MC407 tank trailer, along with experienced driver/trainers that are experts on their equipment's operation as well as trained in incident first-response work. These trainers teamed up with Anderson's and Brahma's representatives, who are all specially trained for in-depth safety and emergency response work in the gas and oil industry, to provide basic tank truck incident training to the attending emergency responders. The topics covered in this training included:

- Background information on the oil and gas industry and what products are being hauled over the road in support of the business, along with the properties of some of those products,
- Information on tank truck features and operating systems familiarization,
- Procedures for identifying and slowing leak sources,
- Best methods for conducting product transfers between tank trailers.

"It was very exciting to be a part of this, and I thank everyone for their assistance in bringing it together." - Ken Snell

Between all three events, 70 emergency responders walked away better trained, with the knowledge that will help protect life and property. There is already discussion between the stakeholders of arranging follow-up training for the near future.

The well-received training consisted of both classroom presentations and hands-on curriculum. ■

California Team Takes Anhydrous Ammonia Training North | By Ed Chapman, BNSF Railway

FOR THE CLOSE of the Anhydrous Ammonia (AA) tour that was begun last spring, the California State TRANSCAER® team orchestrated several stops in northern California October through November last year.

A coordinated TRANSCAER® rail industry initiative brought together equipment from Union Pacific Railroad (UP), BNSF Railway (BNSF) and Central California Traction Company (CCTC) for three days of community outreach and training at the Marine Ocean Terminal Concord (MOTCO). Supplementing the rail equipment was a tank truck provided by Calamco.

Following UP-located stops along the coast south of San Francisco, the visit to the MOTCO November 8-10 provided 67 community emergency responders with training that included AA specific characteristics, "railroad HazMat 101" (RR101), a hands-on tour of a UP locomotive, BNSF HazMat training tank car and the CCTC training flat car with HazMat displays. The CCTC's training car, a converted caboose, provided the classroom to supplement the outside training sessions. California's TRANSCAER® co-coordinator Scott Etzel of Dow Chemical served as the master of ceremonies throughout the training sessions which featured presentations by Tony Bacino (MTBE/BNSF) covering AA characteristics and the tank truck



overview; Dave Buccolo (CCTC, and the at-large Regional TRANSCAER® Member), Ben Salo (UP) and Ed Chapman (BNSF) handled the railroad equipment tours.

A special note of thanks goes out to Robert "Bob" Ashburn of Federal Fire who coordinated with MOTCO for the necessary site approvals for the excellent and secured location.

The concluding stop of the California AA Tour was in Roseville on November 17 with UP playing host to 16 responders at the stop in their rail yard.

OK, have you had enough initials and acronyms for one read? Consider yourself initialized, so go initiate some TRANSCAER® training in your home area. ■

Ohio Teams Compete in HazMat Training Exercise

TRANSCAER® & Wheeling and Lake Erie Railway Company Play Host

Story and Photos By:

David Schlosser, Senior Correspondent, First Responder Network

John Vergis, Environmental Officer, Wheeling and Lake Erie Railway

ON OCTOBER 15, 2011, over 60 First Responders from Tuscarawas County met at the Zoar Fire Station to kick off the 2011 Tuscarawas County HazMat Training Exercise. The training exercise was designed by members of the Tuscarawas County HazMat Team, Tuscarawas EMA, Ohio EMA, Mineral City Fire Dept., the Wheeling and Lake Erie Railway and members of the TRANSCAER® Ohio Team. The Ohio EMA, Carroll County EMA, and Stark County LEPC Directors, and HazMat Officer from the W&LE Railway served as evaluators for the exercise.

At 8:30am Patty Levensgood, Tuscarawas County EMA Director, kicked off the exercise with a briefing and issued the orders that would be given if a real emergency occurred during the training exercise. Then promptly at 9:06am dispatchers from the Tuscarawas County 911 Center paged out firefighters from the Mineral City Volunteer Fire Department to respond to the railroad crossing at 2637 Tusky Valley Road for a possible HazMat incident involving a train from the Wheeling and Lake Erie Railway. The train stopped after being alerted by a passing motorist who then called the 911 dispatch center, and reported that one of the train cars were leaking an unknown substance. The W&LE dispatcher then notified the train that they needed to stop at the next crossing.

Mineral City E-1501 with Chief Sam Moore and a crew of five along with a Tuscarawas County Sheriff's cruiser arrived on scene at 9:12am and assessed the situation. Chief Moore used a spotting scope to identify the tank placard which identified the load as UN1098 and after reviewing the trains manifest and follow-up with the W&LE dispatcher; it confirmed that the tank car contained Allyl Alcohol, a highly flammable and poisonous material. At this time, Chief Moore asked for elements of the Tuscarawas County HazMat Team and crews



from the Zoar VFD, Fairfield Twp. VFD, Bolivar FD, Mineral/Sandy EMS, and Smith Ambulance to respond. Soon after, the HazMat Officer from the W&LE Railway arrived on scene to assist with the operation.

As severity of the leak was being realized, the Tuscarawas County EMA set up their Incident Commander Center in the Zoar Fire Station. This location was chosen due to its proximity upwind from the incident and because it also houses a large kitchen capable of facilitating 250 people per hour.

CONTINUED PAGE 31 >>





DuPont's CAER Car instructors Ed Kozey and Charlie Baldwin and Norfolk Southern's Paul Williams teamed up to provide hands-on anhydrous ammonia training for regional responders this fall in Northern Virginia. Photo credit: Andy Kurtz

PHOTO STORY DuPont/NS Train VA Responders



CONTINUED FROM PAGE 26 » Co-Sponsored TRANSCAER® Mock Wreck Gives Many Agencies an Opportunity to Practice Their Emergency Response Skills

into the port. As the scenario rolled out, a car loaded with a secret, illegal cargo tried to pass SNBC's rig as Elroy struggled to remain conscious so he could clear the railroad crossing. Both vehicles were unsuccessful before Amtrak came into play.

Both Amtrak and drama club students from a local high school also played critical roles in adding realism to the scenario. While Amtrak donated the use of locomotive and passenger car assets, the students played the parts of slightly critically injured and deceased passengers.

This intense scenario gave the region's CERTs (Community Emergency Response Teams) plenty of exercise play. The local agencies that participated included: The Louisiana State Police, Tangipahoa Parish Sheriff's Office, police and firefighters from multiple jurisdictions, FBI, TSA, DEQ, National Guard, and civilian emergency response contractors. They were able to test their emergency plans, agency interoperability, communications systems, and command and control of the incident. In addition to providing training aids, SNBC's Safety Department was able to exercise its own response plan, its contracted emergency response service providers, and even its interaction with the Schneider Enterprise's Public Affairs/Crisis Communication Team. When it was all over, all parties agreed that exercise was well-planned and executed, and that conducting events like these is important for all agencies to identify areas where they can improved their processes. ■

CONTINUED FROM PAGE 28 » Ohio Teams Compete in HazMat Training Exercise

Sheriff Deputies and firefighters gave evacuation orders to residents in nearby Zoarville who were less than a mile down wind from the incident and the American Red Cross was on hand to assist the dislocated residents. Luckily, this occurred on a weekend because had it happened during the week the incident would have included up to 1000 students and staff from Tuscarawas Valley High School Campus.

Additional HazMat Team assets and members arrive from the Mineral City, Dover, New Philadelphia, and Strasburg arrived and warm and hot zones were set up around the tank car. Dover Firefighters inflated a decontamination shelter, while the HazMat technicians from Mineral City and New Philadelphia set up for the decontamination wash down more than twenty oh nine with what is going to hang station. Four HazMat technicians donned Level A Chemical suits to recon the scene and to place an initial containment tub underneath the car to collect the leaking Alcohol.

Over the next hour, three teams made entry into the hot zone and located the source of the leak and worked to stop the flow of the dripping liquid from a loose flange on the bottom outlet valve. Zoar Firefighters wearing full turn-out gear, and on oxygen, assisted the HazMat Team by taking equipment into the staging area just outside the hot zone.

At the conclusion of the training exercise, the Tuscarawas County EMA provided lunch, which was served by the Zoar VFD Woman's Auxiliary. A critique of the operation was also held and evaluators from the Ohio EMA, Stark County LEPC, and Carroll County EMA graded the incident, which by all accounts went very well. All units that participated returned to service by 2:00pm. Additional organizations that assisted with the training exercise included the Tuscarawas Valley School District, The Muskingum Lake Chapter of the American Red Cross, The W&LE Railway, Sandy Twp. Trustees, Ohio EPA, and the mobile canteen from New Philadelphia Citadel of the Salvation Army. Special thanks go out to the TRANSCAER® Ohio Team for helping pull resources together to make this event possible. ■





TRAINING ANNOUNCEMENTS

HAZARDOUS MATERIALS TRAINING

REGISTRATION FORM

Course subjects will include:

- Responding to a Railroad related hazardous material incident (where do you fit in)
- Rail shipping papers
- Rail car markings
- General Service and Pressure Tank Cars (construction, valves, fittings, etc.)

Space is limited to 25 persons per session. To insure your spot in one of these classes please RSVP to class coordinator via E-mail or fax. Please indicate below which class you would like to attend - this will be on a first come bases. Indicate a second choice in case your first choice is full.

Please RSVP to class coordinator via E-mail or fax:

John Lerner
Hazardous Material Compliance Officer
Norfolk Southern Railway Company

E-mail: john.lerner@nscorp.com
Fax: 678-512-5779

Mail: Norfolk Southern Railway Company
P. O. Box 1666
Elkhart, IN 46516

YOUR INFORMATION:

Company/Department Name: _____

Number of Personnel attending _____

or _____

Name: _____

Title/Position: _____

Work Phone: _____

E-mail: _____

DECATUR, IL **APRIL 24-26, 2012**

The training will be at the NS Decatur Yard 1735 Condit St. All First Responders are welcome to attend. .

Final class schedule and registration:

Tuesday April 24, 2012

13:00-16:00

19:00-22:00

Wednesday April 25, 2012

13:00-16:00

19:00-22:00

18:00-21:00

Thursday April 26, 2012

13:00-16:00

19:00-22:00

LAFAYETTE, IN **MAY 8-10, 2012**

The training will be at the NS Lafayette East Yard 2255 Sagamore Pkwy. N. All First Responders are welcome to attend.

Final class schedule and registration:

Tuesday May 8, 2012

13:00-16:00

19:00-22:00

Wednesday May 9, 2012

13:00-16:00

19:00-22:00

18:00-21:00

Thursday May 10, 2012

13:00-16:00

19:00-22:00

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EMERGENCY KIT "C"

FOR CHLORINE TANK CARS AND TANK TRUCKS



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 in chlorine service. Two instruction booklets explaining the application of each device are included. An instructional video for Kit C is also available.

Emergency Kit C Features Include:

Device #6: containment device designed to contain leaks in and around the angle valves. Device #6 includes two gaskets molded of Viton A to conform to the bottom of hood 6A.

Device #24: containment device designed to contain leaks in and around the pressure relief device. Device #24 includes a lightweight, one-piece yoke design #11A for use over the safety relief valve. Device #24 also includes two gaskets molded of Viton A to conform to the bottom of hood 24A.

Kit C also includes a variety of hand tools, inspection seals and additional leak containment devices. All items are labeled with a part number, color coded green and stored inside a durable polyethylene tool box. (Viton is a registered trademark of DuPont Dow Elastomers L. L. C.)

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

Vanguard
Self Contained Breathing Apparatus


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

RESPONDER
Level A & B Protective Clothing

CHLORINE EMERGENCY RESPONSE



Emergency Response Kits

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



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 of 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



Features

- Fits valves from chlorine to LPG, AA, VCM and more
- Packaged in three individual cases for easy carrying
- Backed by Midland's 50 years of experience and commitment to manufacturing quality products for the railroad tank car industry



Each Emergency Response Kit features a complete set of industrial-strength working tools including sockets, wrenches and screwdrivers



Midland's capping equipment works on all pressure cars that are designed to be capped

B-240 Bill of Material				
Item	Qty. in Kit	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

Midland's Mission



Since 1951, the experts at Midland Manufacturing have been providing high-quality equipment such as

pressure relief valves, vacuum relief valves, needle valves, bottom outlet valves, check valves, rupture disc devices, level measurement gages, caps, nozzles, plugs and other equipment to the railroad tank car industry. Midland is unmatched in design expertise, product offering, quality, support and dedication to



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No matter what type of commodities you ship by rail, whether it be ethanol, sulfur, alcohol, lube oil, gasoline, chlorine, asphalt, styrene, corn syrup or soybean oil, Midland has complete valve and fitting packages that are designed specifically to meet your most demanding application needs.

Midland is ISO 9000:2000 certified and an AAR Category F registered facility.



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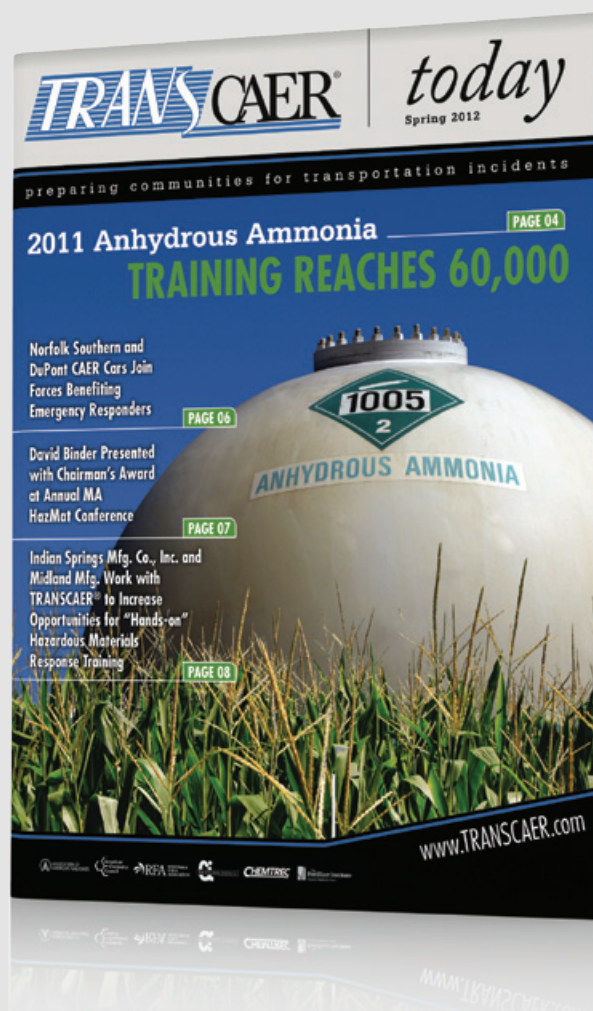
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THE TRANSCAER® MISSION IS TO:

Promote safe transportation and handling of hazardous materials

Educate and assist communities near major transportation routes about hazardous materials

Aid community emergency response planning for hazardous material transportation incidents



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