



Presents

*The 2009 Nebraska Hazardous Materials
Symposium
March 28th & 29th, 2009*



*Hastings Quality Inn Convention Center
2205 Osborne Drive East
Hastings, Nebraska*

The Nebraska Hazmat Symposium was established to provide knowledge, skills and resources to deal with hazardous materials to all emergency responders, regardless of their level of training

Symposium Schedule of Events

Friday March 27th, 2009

7:30 to 10:00 pm

NHMA Annual Meeting — Terrace Room

Everyone is welcome to attend!

Saturday March 28th, 2009

7:00 to 8:00 am — Registration

Breakfast served in the Courtyard

8:00 to 8:15 am — Opening Ceremony

8:30 to 12:00 pm — Breakout Sessions

12:00 to 1:00 pm — Lunch in the Courtyard

Address by Lt. Governor Rick Sheehy

1:00 to 5:00 pm — Breakout Sessions

Saturday Night

7:30 to 9:00 pm— “Disasters & Desserts”

“A Half Hour to Tragedy” - the Propane explosion incident at the Little General Store in
Ghent,

West Virginia—US Chemical Safety Board

Sunday March 29th, 2009

7:00 to 8:00 am — Breakfast in the Courtyard

**7:30 to 8:30 am—The National Haz Mat Fusion Center—International
Association of Fire Chiefs**

8:30 to 12:00 pm

Breakout sessions

Breakout Sessions

Saturday, March 28th 8:30—5:00

Hazmat IQ Four-Step System (8 hours) – CLASS FULL

Hazmat IQ is a brand new revolutionary process that guides a Hazmat technician through a very simple four- step system beginning with a quick, 10-second chemical size-up based entirely on the chemical name Then the research component is streamlined, allowing the responder to quickly and safely make decisions on what meters are appropriate and the proper level of PPE needed This session is a must for any responder who has experienced hazmat information overload.

*Instructors Cris Aguirre, Lt. Hazmat Unit, Miami-Dade Fire Rescue (FL);
Joe Gorman, Hazardous Materials Technician, Fairfax County Fire and Rescue (VA)*

Class Limit: 30 students – **Class FULL**

Understanding Tank Cars (8 hours)

Understanding Tank Cars will provide a basic knowledge of tank cars to help a responder accurately identify tank car types, components and fittings. With this knowledge, response personnel can communicate tank car problems to a knowledgeable resource using accepted terminology. Participants will have hands-on access to all the valves and fittings that would be found on a tank car through the use of a specially equipped trailer. The Union Pacific training trailer will allow the class members to exercise the knowledge they gain in the classroom time. It is equipped with a manway from a general service car as well as protective housings from pressure and chlorine cars.

Instructor: Lane Sekavec, Manager Hazardous Materials, Union Pacific Railroad

HAZ MAT Operations /HAZWOPER Refresher(8 Hrs)

This class is an interactive refresher for Emergency Response Personnel dealing with Hazardous Materials and Hazardous Waste with Hands on evolutions done in the Hydro Klean HOT BOX Trailer. Topics outlined in 29 CFR 1910.120 (HAZWOPER) will be covered along with new standards and rules implemented in the last 12 months. Some of the subjects covered will be identifying the methods and procedures for recognizing, evaluating, and controlling hazardous substances, performing chemical profiling of unknown substances, use of monitoring equipment, selection and use of the proper respiratory protection and chemical protective clothing.

Class Limit: 25 Students

Instructors Matt Deutsch & Nic Jones—Hydro Klean Company

Breakout Sessions

Saturday, March 28th 8:30—5:00

Radiation Detection (8 hours)

This course is designed to train responders to employ radiation detectors to detect and locate the presence of radiation and/or radiological material. To measure the approximate radiation level that generated the alarm upon detecting, locating and assessing the alarm. To use radiological/nuclear material recognition factors to assist in assessing the situation, and identify the use of radiological/nuclear material and to ensure the health and safety of responders and the public. The course provides training and extensive hands-on practice with real radioactive material.

The responder's organization will provide Radiation detectors for student use in the course, preferably one per student.

Course Provider: Nebraska Emergency Management Agency Radiation Division

Saturday, March 28th 8:30—5:00

Sunday, March 29th 8:00—12:00

Air Monitoring for Haz Mat Response - (12 Hours)

This course is designed to provide HAZWOPER-trained personnel with advanced skills and knowledge regarding air monitoring for hazardous materials. In addition the class will teach participants how to take steps to protect responders and community members from contact with hazardous materials, and to mitigate the hazardous conditions. The topics covered by the Air Monitoring program include:

- * Introduction
- * Instruments Exercise
- * Air Monitoring
- * Live Release Exercise
- * Meteorology
- * Toxicology
- * Chemical Properties
- * Evacuation vs. Shelter in Place
- * Air Dispersion Modeling Exercise
- * CAMEO/ALOHA/MARPLOT Overview
- * Instrumentation and Calibration

The training program will consist of lecture, desktop exercises and field exercises. Students will be given an opportunity to use Cameo/Aloha/Marplot software to model up to four chemical releases. In addition, students may have the opportunity to participate in controlled releases of ammonia (as available) and propane, at concentrations below reportable quantities.

Students are required to bring an SCBA that meets current NIOSH or NFPA Standard No 1981 specifications and two 30-minute air bottles (or equivalent) for the exercise for each live release exercise participant.

Students are highly encouraged to bring their organization's air monitoring equipment, calibration apparatus and, if possible, a laptop computer with the latest version of CAMEO, Marplot, and Aloha already installed.

Class limit: 18 students

Class Provider: McKinzie Environmental—Kansas City

Disasters & Desserts
Saturday Evening, March 28th
7:30—9:00pm

Join us for this general session and enjoy a piece of the Garden Café's famous desserts and a presentation by William Wright of the United States Chemical Safety Board as he recounts some of the Chemical Safety Board's investigations including "A Half Hour to Tragedy" - the Propane explosion incident at the Little General Store in Ghent, West Virginia.

Additional tickets may be purchased for \$2.00 at the registration room # 100

William Wright, - United States Chemical Safety Board

Sunday Morning, March 29th
7:30—8:30am

The National Hazmat Fusion Center

The National Hazmat Fusion Center will be a secure, web based network to facilitate information sharing for first responders training for and responding to hazardous materials incidents. It is being developed by the International Association of Fire Chiefs in cooperation with the United States Department of Transportation's Pipeline Hazardous Materials Safety Administration (PHMSA)

Session Provided by the International Association of Fire Chefs

Breakout Sessions

Sunday, March 29th 8:30—12:00

Rural Decontamination Operations (4 hours)

This session covers the basics of decontamination including cold weather operations, the different types and proper use of chemical personal protective clothing, and operation of one of the 29 state Decon trailers.

This class will be a mix of classroom and hands on activities utilizing the state Decon trailer and other equipment if available. Those attending whose department has one of the 29 trailers are encouraged to bring their trailer with them.

Class provider: Nebraska Center for Biopreparedness

Sunday, March 29th 8:30—12:00

Ethanol Emergencies

This course will begin with an overview of the ethanol industry and the material hazards and abundance of permit-required confined spaces present in the modern bio-refineries. Several case studies of large and small scale chemical releases will be reviewed, including: sulfuric acid tank failures, leaking bulk storage tanks, and rail car load out mishaps. We will conclude with examples of how your department can set up mock incidents with facilities in your area and what others have learned from the experience. All hands on activities will utilize the Hydro Klean HOT BOX training Trailer. Class Limit: 30 students

Instructors: Matt Deutsch & Nic Jones—Hydro Klean

Cargo Tanks for First Responders

This course will cover the different types of cargo tanks and what enforcement personnel are looking at when they inspect Cargo Tank motor vehicles transporting hazardous materials for compliance with Hazardous Material Regulations. It will cover the different specifications and design features that minimize the likelihood of leakage. This course will include the types of cargo that are generally hauled in each type of tank.

Instructor: Sergeant Brad Wagner Nebraska State Patrol Carrier Enforcement

Spill Control, Absorbents, and More

This hands on class will enable students to identify 10 different absorbents and their applicability depending on the product spilled. A review of the Regulations concerning absorbents by OSHA, EPA, DOT, Nebraska DNR, and local counties and cities in Nebraska. This class will enable students to make informed decisions for the purchasing, handling, proper PPE, storage, and disposal of absorbents.

Instructor: Doug Fauble —Ecosolutions LLC

SYMPOSIUM INFORMATION

ACCOMODATIONS: A block of 35 rooms has been reserved until March. 14th, 2009. Rates are \$62.95 (a 12% sales & lodging tax not included) per night. Reservations can be made by calling (402) 463-6721. Indicate that you are attending the Hazardous Materials Symposium.

REGISTRATION: The registration fee is \$85 or \$60 for NHMA members. Registration includes breakfast, lunch and the general session on Saturday night, breakfast on Sunday, and a symposium flashlight. One Day registration is \$35 and includes that day's activities and a Symposium flashlight. Send your registrations via email to clark3@inebraska.com or mail your registration and check payable to Nebraska Hazardous Materials Association to:

NHMA
2205 Bateman St.
Hastings, NE 68901

Federal Tax ID # 02-0760309

CLASS SELECTION: All classes will be filled on a first come, first serve basis. Make a First and Second class choice, and all effort will be made to get you in your first choice class. To ensure that you are enrolled in the class you are interested in, please register as soon as possible. NHMA is not a certifying organization and only offers these classes as an opportunity to learn. If you have any questions, please email Darin Clark at clark3@inebraska.com

FAMILY FRIENDLY: NHMA strives to be a family friendly organization. From Indoor Waterslides, The Central Nebraska Children's Museum, YMCA, Pastime Lanes Family Fun Center, to the Lied Superscreen Theater, there is something for everyone to do in Hastings. Ask about discounted admissions to fun area attractions for you and your family

Continuing Education Units (CEU): The Rural Decon Operations class maybe eligible for 3 hours of EMS continuing education credit as approved by the Nebraska Department of Health & Human Services Emergency Medical Services Division

Registration

Fee: \$85.00 - Sat & Sun Registration
\$60.00—NHMA Member (2 days)
\$35.00—One Day Registration

Mail To: NHMA
2205 Bateman Street
Hastings, NE 68901

Choose Your 1st & 2nd Choice Class - Sat. March 28th

FULL Haz Mat IQ
 Air Monitoring (2 day)
 Railroad Emergencies
 HAZWOPER Refresher
 Personal Radiation Detection

Choose Your 1st & 2nd Choice Class—Sun. March 29th

Rural Decon Operations
 Ethanol Emergencies
 Cargo Tanks for First Responders
 Spill Control, Absorbents & More

Please Print:

Name: _____

Address: _____

City: _____ State: _____

Phone: _____ Zip _____

E-Mail: _____

Organization: _____

Waiver of Claim

I, a participant in the Nebraska Hazardous Materials Symposium on March 28th & 29th, 2009, hereby state that I am aware of the risks involved to my physical health in participating in the hands on training exercises. I voluntarily assume all risk of said exercises and waive any and all claim against the Nebraska Hazardous Materials Association or any of its members, which may arise out of my participation in said training.

Signature _____