



# OHIO HAZ-MAT TEAMS CONFERENCE

9th Annual Haz-Mat Technician/Specialist Refresher Training

Solon Community Center, 35000 Portz Parkway, Solon, Ohio  
 Portz Pkwy is located off of State Route 91 (SOM Center Rd) one mile south of US 422

**Saturday, November 1, 2008**



- ◆ *Instructors with Real-World Experience*
- ◆ *Vendors, Exhibits & Haz-Mat Trucks on Display*
- ◆ *Specifically Geared to Hazmat Technicians*
- ◆ *Register online at [www.OhioHazmatConferece.com](http://www.OhioHazmatConferece.com)*
- ◆ ***NO COST TO ATTEND!!!! No registration fee!!!***

Time	Room A	Room B	Room C
0800-0830	Registration and Visit Exhibits		
0830-0840	Welcome and Opening Remarks <i>Mark Vedder - Coordinator, Chagrin/SE Hazmat</i>		
0840-1000	Painesville Training Derailment and Fire - Case History & Lessons Learned <i>Lake County Hazardous Intervention Team, Lake County, Ohio</i>		
1000-1030	Break - <i>Exhibit Areas Open</i>		
1030-1200	Air & Water Reactive Chemicals <i>Brian Bennett</i>	Hazmat Case Studies <i>Reggie Brown</i>	Hazmat ID (FT-IR) Refresher <i>Rick Dufek</i>
1200-1300	Lunch - Provided in Exhibit Areas - <i>Exhibit Areas Open</i> <i>Visit Outdoor Exhibits, Hazmat Apparatus</i>		
1300-1430	Rapid Radiological Assessment - Part 1 <i>Cheryl Weaver</i>	Tactical Use of Handheld Detectors - Part 1 <i>Frank Docimo</i>	Hazmat ID (FT-IR) Advanced Assessment <i>Rick Dufek</i>
1430-1500	Break — <i>Cookies &amp; Exhibits</i>		
1500-1630	Rapid Radiological Assessment - Part 2 <i>Cheryl Weaver</i>	Tactical Use of Handheld Detectors - Part 2 <i>Frank Docimo</i>	Ammonia Emergency Response & Tactics <i>Dave Binder</i>
1630	Evaluations and Certificates		

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## **Presentations**

### **Painesville Train Derailment - Lake County Hazardous Intervention Team (HIT)**

On October 10, 2007, the Painesville City and many other Lake County fire departments responded to a report of a train derailment and fire on the CSX tracks near Diamond Center Dr. at approx. 1202 hrs. The thirty car derailment included LPG, ethanol and phthalic anhydride cars which were on fire or exposed to fire, therefore the Lake County HIT was requested early in the incident. This presentation will present an overview of the incident, details on the hazmat team's operations and important lessons learned during this large scale operation.

### **Air and Water Reactive Chemicals - Brian Bennett**

Air and water reactive chemicals can be some of the most challenging hazmat incidents. Understanding their properties and selection of safe and effective tactics are essential to a successful outcome. This session will review the chemistry, behavior, and response to air and water reactive materials and pyrophorics. Discussion will include proper protective clothing, container design, and specific mitigation techniques in the event of a release or fire.

### **Hazmat Case Studies - Reggie Brown**

The Ohio EPA will present interesting case studies of actual hazmat emergencies which have occurred in Ohio in recent years. The class will be interactive with attendees answering questions and making decisions about these real life incidents. You will then learn how the actual fire/rescue/hazmat/EMS responders handled the situation and the lessons to be learned from the incident.

### **HazmatID™ - Basics - Richard Dufek**

The HazmatID™ has become widely used in hazmat response and identification of unknown solids and liquids. But understanding what it will and will not do is essential to getting the most benefit from the tool. This workshop will provide a great refresher for those who want to "brush up" on their HazmatID™ skills or provide a great overview for those who might be considering adding this instrument to their arsenal. The workshop will include hands-on training with the Hazmat ID™ as well as reviewing correlation factor, methods, creating libraries and reports.

### **Rapid Radiological Assessment Procedures II for 2008 - Cheryl Weaver**

In a radiological incident, first responders do not have the luxury of hours to make decisions. This program includes predicting exposure rates based on activity, determining zones and entry times, and implementing the proper amount of shielding to decrease the size of zones and increase permissible entry times. The program utilizes the current four-part Rapid Radiological Assessment Procedures (RRAP) developed by Cheryl E. Weaver to mitigate a radiological event. Learning exercises with actual NRC incidents will be used to allow participants the opportunity to practice these procedures.

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## **Presentations**

### **HazmatID™ - Advanced - Richard Dufek**

So you are operating the HazmatID on an incident. After running the sample you have no library hit, or a hit of low correlation factor, now what? This session will look at an overview of why the Advanced HazmatID class was created. If you want to get more out of your HazmatID™ this is the workshop for you. Learn steps you can take to find functional groups that may be involved in your unknown.

### **Tactical Use of Handheld Detectors - Frank Docimo**

When responding to a chemical event, it's critical that the material be identified as soon as possible. The thought process should involve protecting oneself and detecting the product or agent of harm. Most responders under-utilize their detectors in standard hazmat response and seem to get away with it. But in a true chemical event, the importance of monitoring is critical in making key decisions, such as identifying a hoax, establishing zones, making evacuation decisions, mandating PPE and determining decontamination needs. This is a hands on program using live chemicals in a table top format that will provide the first responder the skills that they will need when faced with a hazardous material incident.

### **Ammonia Emergency Response and Tactics - Dave Binder**

Be prepared to handle ammonia incidents from start to finish. Session will review some key properties of this chemical including health effects and initial first aid measures in treating exposure victims. Real life release modeling will be presented along with response recommendations for both indoor and outdoor releases and troubleshooting incidents. Lessons learned will be incorporated in the session from recent responses as well as case histories.

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## **Conference Speakers**

### **Joe Gorman**

Hazmat Technician (retired), Fairfax County Fire and Rescue, Winchester (VA)

### **Cris Aguirre**

Lieutenant Hazmat Unit, Miami Metro Dade Fire and Rescue, Miami (FL)

### **Brian Hitt**

Captain with the Orange Village Fire Dept in Chagrin Falls (OH) and HCO on the Chagrin/SE Hazmat Team.

### **Mark Vedder**

Battalion Chief with Solon Fire-Rescue (OH) and Coordinator for the Chagrin/SE Hazmat Team.

### **Lake County Hazardous Intervention Team**

Responders with the Lake County Hazardous Intervention Team (HIT) from Lake County, Ohio.

### **Frank Docimo**

Special Operations Officer for the Turn of River Fire Department, in Stamford, Connecticut

### **Richard Dufek**

Battalion Chief (retired) from the Carmel (IN) Fire Dept, owner Firehouse Training and Consulting

### **Brian Bennett**

CFO and Fire Chief of the Iselin Volunteer Fire Company #1 in Metuchen, NJ.

### **Reggie Brown**

Emergency Response Supervisor for the Northeast Ohio Office of the Ohio Environmental Protection Agency.

### **Cheryl E. Weaver**

Vice President of Operations, Docimo & Associates, LLC, Hazmat Specialist

### **David Binder**

Director of Quality, Safety & Regulatory Affairs, Lead Trainer-Ammonia Safety, Tanner Industries, Inc. Southampton, PA.

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**Pre-Conference, Friday, October 31, 2008**



- ◆ We have had many requests on previous evaluations to extend the conference to a two day format. This is an opportunity to attend **HANDS-ON** training the day before the Main Conference.
- ◆ Two classes are being offered in the Pre-Conference and classes start late to allow driving in the day of the class.
- ◆ Both programs qualify as Hazmat Technician Continuing Education
- ◆ Classes will be held from 1000-1700 hours
- ◆ Note that there is tuition to attend the Hazmat IQ Class, but it is **WORTH** it!

### **Pre-Conference Program**

#### **HazMat IQ™**

HazMatIQ™ is a revolutionary system designed to arm a responder with the skills to quickly and efficiently size-up chemicals based entirely on a chemical name in less than 90 seconds. Students will use a streamlined three minute research/science process to effectively choose the proper meters and PPE based on the chemical's hazards. Students often say they learned more in a one-day class than they learned during their entire hazmat technician course. Lunch provided. Class limited to 40 students.

**Instructors:** Cris Aguirre, Lieutenant Hazmat Unit, Miami Metro Dade Fire and Rescue, Miami (FL) and Joe Gorman, Hazmat Technician (retired), Fairfax County Fire and Rescue, Winchester (VA)

**Tuition:** Tuition for this pre-conference course is \$100 payable to the Chagrin/Southeast Hazmat Team. Tuition includes a set of the Hazmat IQ™ Charts. There is **NO COST** for Cuyahoga County responders as their tuition has been pre-paid by Cuyahoga County LEPC. Tuition is due with registration and must be mailed. No credit cards payments. We will invoice if a government purchase order is provided.

#### **Chlorine Emergencies**

In this class students will review the commercial uses of chlorine, learn about containers used to store and transport chlorine and bleach products and learn the chemical and physical properties of chlorine. The balance of the class will be spent working in PPE with the Chlorine A, B and C kits on 100 lb cylinders, one ton cylinders and rail car domes. Students should come dressed to work in PPE. SCBA and Level A training suits will be provided, but students may bring their own SCBA. Lunch provided. Class limited to 25 students.

**Instructors:** Mark Vedder, Battalion Chief, Solon Fire-Rescue, Chagrin/SE Hazmat Team, Solon (OH) and Brian Hitt, Captain, Orange Village FD, Chagrin/SE Hazmat Team, Orange Village (OH)

**Tuition:** There is no tuition for this course. A certificate from the Ohio Fire Academy will be provided.

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# **OHIO HAZ-MAT TEAMS PRE-CONFERENCE REGISTRATION FORM**

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**Hazmat IQ Pre-Conference - Friday, October 31, 2008**

- Please complete this form ONLY if you plan to attend the Hazmat IQ Pre-Conference Course AND if you are NOT a Hazmat Responder from Cuyahoga County.
- If you are registering for the Chlorine Emergencies Pre-Conference Course, OR just the Main Conference, OR you are a Hazmat Responder from Cuyahoga County registering for the Hazmat IQ Pre-Conference, please register on-line at [www.OhioHazmatConference.com](http://www.OhioHazmatConference.com)
- Tuition for Non-Cuyahoga County Hazmat Responders for the Hazmat IQ Course is \$100. A check should be mailed with the registration form, payable to "Chagrin/SE Council of Governments". No credit cards will be accepted. Purchase orders from government agencies will be accepted with the registration form.
- Registration for the Hazmat IQ Class is limited to 30 students. Please register early to insure your spot!

## **Registration for Hazmat IQ Pre-Conference Course**

	<i>Please Print</i>
<i>Name:</i>	
<i>Address:</i>	
<i>City</i>	
<i>State</i>	
<i>Zip Code</i>	
<i>Phone</i>	
<i>Email Address</i>	
<i>Last 4 Digits of Social Security Number</i>	(Needed for HMEP Grant Funding of Tuition)
<i>Hazmat Team Affiliation:</i>	
<i>Fire Dept Affiliation:</i>	

- Mail the completed registration form and payment to: Chagrin/SE Council of Governments, 6320 SOM Center Road, Solon, Ohio 44139 no later than October 15, 2008.
- Questions should be directed to: Mark Vedder, Chagrin/SE Hazmat Team, 440-337-1491
- Changes in session topics, speakers, times or other details associated with this conference may be changed without prior notice, typically as a result of circumstances not under the control of the conference planning staff.

**Main Conference Registration On-Line at:**  
**[www.OhioHazmatConference.com](http://www.OhioHazmatConference.com)**

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## **Area Lodging**

Springhill Suites—30100 Aurora Road, Solon, Ohio (2 miles)  
Phone: 440-248-9600 *“Special Government Rates Available”*

Homewood Suites—6085 Enterprise Pkwy, Solon, Ohio (2 miles)  
Phone: 440-519-9500

Hampton Inn—6035 Enterprise Pkwy, Solon, Ohio (2 miles)  
Phone: 440-542-0400

Hilton Garden Inn, 8971 Wilcox Drive, Twinsburg, Ohio (6 miles)  
Phone: 330-405-4488

Super 8 Motel, 8848 Twin Hills Pkwy, Twinsburg, Ohio (6 miles)  
Phone: 330-425-2889



## **Directions to the Conference: 35000 Portz Pkwy, Solon**

**WEST:** I-480 East to US 422 East. Exit at SR 91 (SOM Center Road) and turn right at the bottom of the ramp. Continue south approx 1 mile to Portz Pkwy. Turn left on Portz Parkway to the Solon Community Center.

**SOUTHEAST:** Ohio Turnpike to SR 44. Exit SR 44 and turn left (north). Continue on SR 44 thru Mantua (WATCH YOUR SPEED) to US 422. Turn left (west) on US 422 to Exit at SR 91 (SOM Center Road) and turn left at the bottom of the ramp. Continue south approx 1 mile to Portz Pkwy. Turn left on Portz Parkway to the Solon Community Center.

**SOUTH:** I-71 North to I-271 North (OR I-77 North to I-271 North) to US 422 East. Take US 422 East to Exit at SR 91 (SOM Center Road) and turn right at the bottom of the ramp. Continue south approx 1 mile to Portz Pkwy. Turn left on Portz Parkway to the Solon Community Center.

**NORTHEAST:** I-90 West to I-271 South. I-271 to US 422 East. Exit at SR 91 (SOM Center Road) and turn right at the bottom of the ramp. Continue south approx 1 mile to Portz Pkwy. Turn left on Portz Parkway to the Solon Community Center.

**AIRPORT:** Nearest airport is Cleveland Hopkins International Airport, about 30 minutes from Solon.

**COMMUNITY CENTER PHONE:** 440-248-5747

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