



State of Delaware

8th Annual Hazardous Materials Training Workshop



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Workshop Training Sessions

Course Descriptions and Instructor Information

Saturday, April 11, 2015

7:00 am-8:30 am: Registration-Continental Breakfast-Exhibitor Booths

8:30 am-4:15 pm - Training Sessions

Delaware State Fire School

1461 Chestnut Grove, Dover, DE 19904

See Separate Course Descriptions for Specialized Pre-Workshop Classes to be held Friday, April 10, 2015
“Educating Responders for Today and Tomorrow”

Session #1 (8:30am – 11:45am)

“Flammable Liquid Tank Truck Fire Attack – Part 1, Classroom Theory”

Instructor: Capt. Ron Gore, Principal, Haz Mat 1 Rapid Response, White Springs, FL

This session will address timely and effective quick-knockdown fire attack strategy and tactics. Topics to be covered include understanding tank truck and product burn characteristics, solving complicated fire issues, utilizing a simple fire extinguishing formula (water, foam, and dry chemical), standard and innovative equipment needs, application rates and techniques, and necessary fire attack leadership.

Instructor Bio: Ron Gore: Capt. Gore is a 25-year fire service veteran, having served on command and tactical units. He was the driving force in starting the first municipal fire department hazmat team in the United States at the Jacksonville (FL) Fire Department, where he was the captain and senior response leader of the hazmat team. He was a co-founder of and responder for two commercial hazmat response teams responding to cargo & tank truck, railcar, and fixed facility incidents in the southeast United States. He and his team are hazmat leak, spill, and fire control innovators that have shared important response data to thousands for nearly 40 years... and are still learning.

Note: Capt. Gore will also present the Workshop Keynote Address, entitled “Completing Your Mission”, at the Teambuilding Dinner on Friday, April 10th at 6:00 pm.



Session #2 (8:30am – 11:45am)

“8-step Managing the HazMat Incident – Part 1”

Instructor: Gregory G. Noll, CSP, CEM

This workshop will consist of two integrated parts: Part One will review the Eight Step Process as a framework for the tactical management of a HM/WMD emergency, and Part Two will focus on the interpersonal and organizational dynamics associated with the management of hazardous materials and special operations emergencies. Using a facilitated discussion process, the workshop will provide a forum for discussion with an emphasis upon incident problems, solutions, and lessons learned. *(3-hour session)*

Instructor Bio: Greg Noll: Mr. Noll serves as the Program Manager for the South Central PA Regional Task Force (SCTF), one of nine regional task forces established throughout Pennsylvania. Greg is also a senior partner with Hildebrand and Noll Associates, a consulting firm specializing in emergency planning, response and incident management issues. Greg has 44 years of experience in the fire service and emergency response community, and is the co-author of nine textbooks on hazardous materials emergency response and management topics.

In 2011 he was the recipient of the John M. Eversole Lifetime Achievement Award by the International Association of Fire Chiefs (IAFC) for his leadership and contributions to further and enhance the hazardous materials emergency response profession. He currently serves as Chairperson - NFPA Technical Committee on Hazardous Materials / WMD Response Personnel and as State/Local Co-Chair for the InterAgency Board (IAB) Training and Exercise SubGroup. Greg also serves as a member of the IAFC Hazardous Materials Committee, the Fire Engineering Magazine Editorial Advisory Board, and the Fire Department Instructors Conference (FDIC) Advisory Committee.



Session #3: “Hospital DECON & Ebola Part 1 – Classroom Training”

Instructor: Joe Leonetti (and staff), Emergency Management Safety & Security, Saint Francis Hospital, Wilmington, DE

Students will review the Incident Command System (ICS) and how it relates to the decontamination process. Students will become familiar with, and learn how to properly use the standardized Personal Protective Equipment used by all hospitals. Hospital Decon Procedures and guidelines will be reviewed so that all students can safely operate in the Control Zones.

(NOTE: This is a FULL morning 3-hour class. Hospital personnel who wish to receive DE State Fire School CEU credit must attend both Session #3-Hospital DECON Part 1 (Classroom) and also Session #10, Hospital DECON Part 2 (Practical) for a total of 8 hours Hospital Hazmat Refresher training for the day. Other (non-hospital) attendees may register for either session)

Instructor Bio: Joe Leonetti: Joe Leonetti has been a member of the Delaware Fire Service for over 48 years. He has served as a Firefighter/EMT, Captain, Assistant Chief, Deputy Chief and Fire Chief. Joe is an instructor for the National Fire Academy as well as the Delaware State Fire School. He also served as the Emergency Manager for New Castle County, Delaware before assuming the position as Director of Emergency Management, Safety and Security for St. Francis Hospital. He has been the Team Leader for the past 26 years of the New Castle County Special Operations Hazmat/Decon Team. Joe serves on numerous State and County Hazardous Materials and Homeland Security committees.



Session #4 (8:30am – 11:45am)

“HazMat Branch Safety Officer training and certification– Part 1”

Instructors: John Clawson, DuPont (retired), Bruce Galloway, DuPont (retired), and Bill Kelly, Sunoco Emergency Services

This course provides students with the necessary skills, knowledge and tools to perform the Hazardous Materials Safety Officer functions within the incident command system at a Hazardous Materials/WMD incident. As the Hazardous Materials Safety Officer, you will assist the Incident Commander with the task of analyzing the safety of the scene, evaluating hazards and response information, assisting in planning a safe response, ensuring the implementation of a safe response, evaluating those objectives and making changes when needed, and bringing the incident to a proper termination. This class meets the requirements of the NFPA's standard for Hazmat Branch Safety Officer. The course covers the competencies of NFPA 472-2012, Chapter 11 for Hazardous Materials Safety Officers. Students wishing to take the certification exam must provide proof of certification for both Hazmat Awareness and Hazmat Operations and pay \$15.

Instructor Bio: John Clawson: John Clawson retired from the DuPont Company with over 38 years of service in December 2004. During his tenure with DuPont, he implemented the DuPont CAER Car Program in 1989 and he also led the HazMat team at Chambers Works for six years. Mr. Clawson is a Level II instructor at the Delaware State Fire School and a Pro Board-certified HazMat Specialist, a volunteer firefighter, and a Decon team member. He helped to establish the New Castle County Industrial Hazardous Material Response Alliance (NCCIHMR) Team.

Instructor Bio: Bruce Galloway: Mr. Galloway worked for DuPont for 42 years, and for the past 29 years served as DuPont Experimental Station Fire Chief. In addition, Bruce is a certified HazMat Technician, a Delaware State Fire School Instructor, Past Deputy Chief at Wilmington Manor Fire Company, and a Member of the New Castle County Industrial Hazardous Materials Response Alliance.

Instructor Bio: Bill Kelly: Chief Kelly is a Certified Fire Protection Specialist through the NFPA. He has 26 years of refinery fire chief experience with Sunoco, Inc. and presently employed by Sunoco Logistics as the Senior Manager of Emergency Services. He is a life member, past chief, and chief emeritus of the Claymont Fire Department and presently serves as the deputy fire chief with the Hartly Fire Department. He also actively serves as a field instructor with the Delaware State Fire School and has done so for 25 years. He also served as past president of both the New Castle County Fire Chiefs Association and Delaware Valley Fire Chiefs Association. The Chief authors the “Saving Fireman Ryan” articles in the Delaware Fire Service News.



Session #5 (8:30am – 11:45am)

“Hazmat Medicine: Mechanism of Injury”

Instructor: Fred Haas, Paramedic District Supervisor, Sussex County EMS

Response to hazardous materials incidents often presents an atmosphere of uncertainty for medical responders. This presentation will attempt to simplify EMS response by looking at major classes of hazmats (based on their placarding), common risks, PPE requirements, safety considerations, and medical management of injuries related to each class.

Instructor Bio: Fred Haas: Mr. Haas is a Paramedic District Supervisor for Sussex County EMS. In addition, he is a member of the department's Hazardous Materials Medical Response Team and their Tox-Medic coordinator. He also works for the Delaware Office of EMS as their Domestic Preparedness Coordinator. Finally, he is the EMS Captain for Selbyville Volunteer Fire Company.



Session #6 (8:30am-11:45am)

“Rapid Risk Assessment Techniques”

Instructor: Frank Docimo, Hazardous Materials Coordinator, State of Wisconsin Emergency Management, Madison, WI

The effective control of a chemical incident is based on a good working understanding of the physical and chemical properties of the product or agent. This does not make a chemist out of a firefighter. But he has to know how the enemy will behave in order to effectively deal with a hazardous material. Responders cannot begin to deal with a hazardous materials incident without a basic grasp of chemistry. Using the Docimo model role and the RRAT technique anyone can understand the basic aspects of chemical behavior. Using this knowledge may save your life. The behavior of a chemical and the sequential events of a hazardous materials incident are crucial to dealing with the incident in a safe and effective manner.

Instructor Bio: Frank Docimo: Frank Docimo has been affiliated with the fire service for over 40 years and currently serves as the Hazardous Materials Coordinator for State of Wisconsin Emergency Management. Frank previously had been with Haz-Mat One in the City of Stanford. He has lectured at many national programs including the Fire Department Instructors Conference, International Association of Hazardous Materials Instructors, Hazardous Materials Team Conference, and the FEMA Region Five Conference. His client list includes the US Army, the US Air Force, the CIA, Several CST teams, The US Capitol Haz-Mat Response Team and The National Security Agency. During the year 1992, Mr. Docimo was honored with two prestigious training awards. He received the “Connecticut Instructor of the Year” award and was also recognized for his expertise and skills as a teacher when he was awarded the “National Instructor of the Year for 1992”. In 2001, Frank received the “In the Zone Award” from the Houston Haz-Mat Conference. In the fall of 1998, Mr. Docimo was selected as a subject matter expert (SME) to participate in a needs assessment and formulation of curriculum for the nation’s responders to terrorist activities. This project was a joint project of the National Fire Academy, FEMA and the Bureau of Justice. Current projects include response assessment programs for several DC based agencies.



Session #7 (8:30am – 11:45am)

“HazMat in the Nation’s Capital”

Instructors: Sgt. Mike Puglisi and Lt. Tom Chenworth, District of Columbia Fire and EMS Department, Washington, DC

The District of Columbia Fire and EMS Department (DCF&EMS) is responsible for fire, EMS, and HazMat response in our nation’s capital. The instructors will present about their department’s response and mitigation resources, detection capabilities, and standard operating guidelines. They will also discuss interagency coordination amongst local, regional, and federal jurisdictions and present case studies of actual incidents, including lessons learned and resulting recommendations.

Instructor Bio: Lt. Tom Chenworth.: Lt. Chenworth is currently assigned to Hazmat 1 of the Washington DC Fire Department. His experience in hazmat response began in 2008 as a technician assigned to the Hazardous Materials Unit and his training in CBRNE/WMD response has been through the Center For Domestic Preparedness, Dougway Proving Grounds, University of Nevada- Reno, the Energetic Materials Research and Testing Center, the Chemical and Biological Response Force, the Center for Radiological/Nuclear Training, and the Transportation Technology Center. He also provides hazardous materials training for various industries throughout South Central Pennsylvania. Tom holds an undergraduate degree in education from Millersville University, a Master’s degree in teaching and curriculum development, and a K-12 principal certification from Penn State University. Prior to joining the Washington DC Fire Department, he was a high school technology education teacher.

Instructor Bio: Sgt. Mike Puglisi: Sergeant Michael Puglisi is an 11-year veteran with the Washington DC Fire Department currently assigned to the Special Operations Division. His experience with hazmat response in the Nation's Capital started in 2007 when he was selected for assignment to Rescue Squad 1, one of the three heavy rescue squads protecting the District of Columbia. Michael's hazmat-specific training has come from various local, national, federal, and Department of Defense courses, including the Center for Radiological/Nuclear Training, the National Fire Academy, United States Army, Delaware National Guard, the District of Columbia, and the State of Delaware. Michael is a 16-year active member with the Aetna Hose, Hook, and Ladder Company and the Non Commissioned Officer in Charge of training for the Delaware Air National Guard's Fire Department. He holds an Associate of Applied Science from the Community College of the Air Force, a Bachelor’s of Science from the University of Delaware, and a Master’s in Public Safety Administration from St. Joseph's University.



Session #8 (1:00pm – 4:15pm)

“Flammable Liquid Tank Truck Fire Attack – Part 2, Demonstrations and Hands-on Training”

Instructor: Capt. Ron Gore, Principal, Haz Mat 1 Rapid Response, White Springs, FL

See Session #1 above for the course description and instructor bio. **Bring your turnout gear this afternoon if you wish to participate in the demonstrations and hands-on training.**



Session #9 (1:00pm – 4:15pm)

“8-step Managing the HazMat Incident – Part 2”

Instructor: Gregory G. Noll, CSP, CEM

See Session #2 above for the course description and instructor bio.



Session #10: “Hospital DECON & Ebola– Part 2, Practical Training”

Instructor: Joe Leonetti (and staff), Emergency Management Safety & Security, Saint Francis Hospital, Wilmington, DE

See Session #3 above for the course description and instructor bio. (**NOTE:** This is a FULL afternoon 3-hour class. Hospital personnel who wish to receive DE State Fire School CEU credit must attend both Session #3-Hospital DECON Part 1 (Classroom) and also Session #10, Hospital DECON Part 2 (Practical) for a total of 8 hours Hospital Hazmat Refresher training for the day. Other (non-hospital) attendees may register for either session.)



Session #11 (1:00pm – 4:15pm)

“HazMat Branch Safety Officer training and certification– Part 2”

Instructors: John Clawson, DuPont (retired), Bruce Galloway, DuPont (retired), and Bill Kelly, Sunoco Emergency Services

See Session #4 above for the course description and instructor bios.



Session #12 (1:00pm – 4:15pm)

“Advanced Hazmat Life Support (AHLS) for Chemical Burns”

Instructors: Fred Haas, Paramedic District Supervisor, Sussex County EMS, and Lt. David Mick, BA, NREMT-P, Kent County Public Safety, Dover, DE

AHLS for Chemical Burns is a 4-hour course and is derived from the AHLS Provider course. The course fulfills a partial training requirement for the US Department of Health and Human Services, Office of the Assistant Secretary for Preparedness and Response, Hospital Preparedness Programs (HPP) for the care of burn victims. The course consists of didactic lecture and tabletop exercises. No exams or pre-requisites are required. After completing the course, participants will be able to:

- Recognize that inhalation is the most common route of exposure at hazmat incidents
- List the routes of exposure for acids, bases, oxidizers, and white phosphorus
- Describe characteristic signs and symptoms of poisoning by hydrofluoric acid
- Recite the Poisoning Treatment Paradigm™ for asphyxiant poisonings

Instructor Bio: Fred Haas: Mr. Haas is a Paramedic District Supervisor for Sussex County EMS. In addition, he is a member of the department's Hazardous Materials Medical Response Team and their Tox-Medic coordinator. He also works for the Delaware Office of EMS as their Domestic Preparedness Coordinator. Finally, he is the EMS Captain for Selbyville Volunteer Fire Company.

Instructor Bio: Lt. David Mick: Lt. Mick has been a practicing Paramedic since 1990, and has been a Fire Service EMT since 1974. In addition, he has served as an AHLS Instructor since 2001 and Course Director for Delaware Hazmat Tech at the Delaware State Fire School. Lt. Mick is currently the Special Operations officer, Kent County Department of Public Safety, Division of EMS.



Session #13 (1:00pm – 4:15pm)

“If You Cannot Measure It, You Cannot Manage It!”

Instructor: Frank Docimo, Hazardous Materials Coordinator, State of Wisconsin Emergency Management, Madison, WI

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 tabletop scenarios and multiple interactive detection devices that will provide the first responder the skills that they will need when faced with a hazardous material incident.

See Session #6 above for the instructor bio.



Session #14 (1:00pm – 4:15pm)

“Meth Labs and Marijuana Grow Labs”

Instructor: Matthew Higgins, Environmental Scientist IV, DNREC Emergency Prevention & Response Section, Dover, DE

Individuals attending this presentation will gain a thorough understanding of clandestine drug labs and the strategic methods used to safely process these labs. During the presentation attendees will understand the methodology of the process, the importance of evidence photography and seizure, and identifying common procedural tactics that put officers and hazmat response personnel in harm’s way. Attendees will understand the importance of refusing to tow vehicles containing One Pot meth labs, but rather to process these meth labs on site due to the increased danger these meth labs present on all roadways in the United States. The final training item will include a new trend that is occurring in numerous states that resembles the One Pot meth lab but possesses a very different, but lethal characteristic.

Instructor Bio: Matthew Higgins: Matthew Higgins is an Environmental Scientist IV with the State of Delaware’s Department of Natural Resources & Environmental Control’s (DNREC) Division of Waste & Hazardous Substance’s Emergency Prevention & Response Section. Mr. Higgins is a Hazardous Materials Response Technician and is an On-Scene Coordinator with the DNREC - Emergency Response Team (ERT), which responds to hazardous material incidents in the State of Delaware. Mr. Higgins is a Certified Hazardous Materials Manager and holds a Bachelor’s of Science Degree in Environmental Sciences from Wesley College. Mr. Higgins has responded to numerous Clandestine Meth Labs in the State of Delaware and Maryland. He has attended several Training Seminars on Clandestine Meth Lab Response, including Safety Officer Training. Mr. Higgins worked with other members of the DNREC - ERT in developing the current methodologies used by the team for Clandestine Meth Lab Response and Hazard Mitigation in the State of Delaware.



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Hosted by
Delaware State Fire School - 1461 Chestnut Grove, Dover, DE 19904



“Educating Responders for Today and Tomorrow”

For Questions Regarding this Workshop Contact:

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Workshop Partners include:

