



# Incident Response Considerations for Lithium Battery Emergencies

Wednesday, March 6, 2024

8:00am to 12:00pm

Colerain Township Senior Center (4300 Springdale Road)

Registration: [Doug.Witsken@HamiltonCountyOhio.gov](mailto:Doug.Witsken@HamiltonCountyOhio.gov)



## ***Incident Response Considerations for Lithium Battery Emergencies***

This course is designed to provide responders with the understanding of the hazards associated with Lithium Ion (Li-Ion) Batteries. This training provides a comprehensive overview of batteries found in transportation, commercial, industrial, and residential settings.

Participants will review several case studies and best practices, in order to make safe and calculated decisions in an emergency response setting.

Key Topics Include:

- Identification
- Lithium vs. Lithium-Ion
- Battery Design
- Hazard and Risk Assessment
- Thermal Runaway
- Lithium-Ion Battery Fires
- Tactical Response Considerations



**Class Duration:** 4-hours

**Format:** Instructor led, on-site training



## *Lithium Battery Class*

### *Instructors*



#### **Nick Zamiska**

Nikola “Nick” Zamiska has been in the fire service for 21 years, currently serving as the Chief of Fire with the Brecksville Fire Department in Brecksville, Ohio. Nick is the Director of the Southwest Emergency Response (SERT) Hazmat Team and a Team Leader for the Cuyahoga County Type 1 Hazmat/WMD Team. He has a Bachelor of Science degree in Emergency Management from the University of Akron and a Master’s in Public Administration degree from Columbia Southern University.

Nick is a lead instructor with Bad Day Training and enjoys delivering a wide variety of customized fire and Hazmat training all around the United States. He speaks at numerous conferences annually, including FDIC and the Ohio Fire Chief’s conference. Nick proudly delivers training to firefighters, law enforcement personnel and military personnel. He is a fire instructor and Hazmat / WMD technician instructor of twelve years in the State of Ohio. Nick is also a member of the National Fire Protection Association (NFPA) hazardous materials technical committee, NFPA 472/470.



#### **Barry Lindley**

Barry Lindley is a senior chemist with Emergency Response Solutions. He is a NBFSPQ Level I and II fire instructor, HAZMAT Technician, Branch Officer, and Branch Safety Officer. He was formerly with DuPont and Chemours for 37 years. He is a team leader, safety officer, chemist and Instructor.

Barry is the Chairperson for IFSTA’s Hazardous Materials Publications Committee for Awareness, Operations and Technician. He is also a member of the National Fire Protection Association (NFPA) 470 technical committee. Barry has co-authored five books on Forensic Investigator Safety and Street-Smart Chemistry.



**Jay Womack**

Jay currently serves as a platoon chief for the Euclid Fire Department. He is also a Hazmat Control Officer for the Chagrin Southeast Hazmat Team. Jay is a HazMat/WMD instructor for Bad Day Training and also a FEMA ICS Instructor.



**Mark Vedder**

Mark is a 48-year veteran of the fire service, currently serving as the Fire Chief with Solon Fire-Rescue in Solon, OH. He also serves as Assistant Fire Chief with the Chagrin Falls Fire Department and has been the Hazmat Coordinator for the Chagrin/SE Hazmat Team in Cuyahoga County, Ohio for over 32 years. He serves on the county Hazmat Committee and chairs the Ohio Hazardous Materials Technical Advisory Committee. He has a Bachelor of Science degree in Fire Safety Engineering from the University of Cincinnati and is an Ohio Fire Service Instructor, Paramedic Instructor, Advanced Hazmat Life Support Instructor and a Hazmat/WMD Technician Instructor.