

Union County Fire/EMS Training Academy

1075 Edward St.

Linden, NJ 07036

(Main Entrance on Avenue C)

Telephone (908) 523-1590 ♦ Fax (908) 523-1625

Email: freemsacademy@ucnj.org

Lithium-Ion Battery Fires

This presentation will cover lithium-ion battery basics, failure modes, and case studies that include considerations for operational tactics, fire investigations, and personal health and safety. Michael G. Abraham, PE is a licensed electrical engineer with the Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF). He works out of the ATF Fire Research Laboratory located in the Washington, D.C. metro area. He provides forensic engineering support to Federal, State, and Local investigations on electro-mechanical engineering matters as they pertain to the origin and cause of fires and explosions. Michael also responds as a member of the ATF National Response Team (NRT) to large-loss fire and explosion scenes. He has instructed nationally on behalf of the ATF, internationally for the US State Department, and for several state and local organizations.

Instructor(s): Michael G. Abraham PE, Bureau of Alcohol, Tobacco, Firearms, and Explosives

Date(s): February 22, 2023

Class Limit: 50 Student Max.

Time: 0900 - 1400

Attire: Uniform or Business Casual

Equipment: All Class Materials Provided

Cost: Union County – No Fee

Out of County – No Fee

REGISTRATION

Please complete the following information and return entire form by mail, fax, or email.

First Name (Print)

Last Name

Rank

Personal Phone #

Personal Email

Make all checks/agency vouchers payable to UNION COUNTY FIRE/EMS ACADEMY.

CERTIFICATION: This is to certify that the above enrolled personnel is/are protected for both workers compensation and liability coverage under our insurance program. A certificate of insurance outlining this coverage will be furnished upon request.

Chief/Authorized Official Name (Print)

Chief/Authorized Official Signature

Agency Name

Agency Address

Agency Phone #

Agency Email