

HAZMATIQ COURSES



BatteryIQ: Awareness and Operations Response to Battery Emergencies

LENGTH: 4 Hours

TARGET AUDIENCE: Those who are likely to respond to a potential battery emergency.

DESCRIPTION: BatteryIQ provides students with a simplified system to understand, identify, respond, and mitigate to lithium-ion battery incidents, covering everything from cellphones and electric scooters/bikes to electric vehicle fires and energy storage system failures. Students will be provided with a Battery Response Guides that allow students to quickly, effectively, and efficiently categorize battery-related emergencies based on battery type and failure stage. These categories then guide students to determine the potential hazards, PPE, recommended equipment, and correct emergency operation tactics when arriving on-scene of a Li-ION Battery Emergency

RECOMMENDED PREREQUISITE: N/A

FREE TRAINING OPPORTUNITY

THIS GUIDE IS INTENDED TO PROVIDE FIRST RESPONDERS WITH THE FACTS AND PROCEDURES TO MANAGE INCIDENTS INVOLVING LITHIUM-ION BATTERIES.

2023 BATTERY RESPONSE GUIDEBOOK

Battery Emergency Classification	Photo
Small Battery Pack Hot, Smoking Visible Flames	Damaged On-Fire P1
Mobile Device Hot, Smoking Visible Flames	Damaged On-Fire MD3 MD4
Electric Vehicle Hot, Smoking Visible Flames Individuals Inside	Damaged On-Fire Extraction EV5 EV6 EV7
Energy Storage Facility Visible Flames/Smoke	On-Fire ES8 ES9 SF10 CF11

OPS Tactical Considerations - Small Battery Pack (Damaged)

Small Battery Pack (Damaged)
Damage to battery packs can include physical damage, such as crushing, thermal damage from exposure to fire, or overcharging. Indications include: swelling, off-gassing, increasing temperature or failure.

PPE Considerations
If safe, remove from structure. Use full PPE (Type OC/ICBA).

Unconfined Area
Isolate 300 feet (100 meters).

Recommended Equipment
Battery Containment Bag/Metal Pail

Response Considerations
Call for HazMat

Response Considerations
DO NOT USE ELEVATORS. Place in Small Battery Containment Bag or Metal Pail. Be ready for battery to fall and catch fire at any time.

COURSE OFFERINGS (SELECT ONE)

Friday, OCTOBER 13: 1700 – 2100

Saturday, OCTOBER 14: 0800 – 1200

LOCATION:

Logansport Fire Department
630 High Street, Logansport, IN

REGISTER HERE:

Rocky.Buffum@co.cass.in.us

QUESTIONS, CONTACT:

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