



# LITHIUM-ION BATTERIES MICROMOBILITY DEVICES



(Consider any rechargeable battery or device: From computers to bikes!)

## SAFETY & PPE

- Structural firefighting gear & SCBA.
- Watch for a rapid & highly pressurized release of flammable gases/smoke followed by jet like flames.
- Use extreme caution or avoid entering any confined area where a Lithium-Ion battery is actively venting gases or smoke.
- Use CGI/LEL meter to check for possibility of explosive or flammable atmosphere due to gases released from battery. Ventilate or isolate as needed.
- Limit carrying batteries throughout the structure: Consider the shortest & safest route.

## RESOURCES

- Consult with CT DEEP representative or your Regional Haz-Mat Team on-call contact for possible response to the scene.
- Consider local Fire Marshal or appropriate authority having jurisdiction for investigation.

## TACTICAL CONSIDERATIONS

- Anticipate re-ignition.
- If applicable: Remove from battery charger. Ensure atmosphere in immediate area is not within flammable range.
- Extinguish visible fire with water, cool battery by submerging in water, or applying continuous water. If not on fire keep cool and move outside.
- Do not transport the affected battery in an elevator.
- Check surrounding area for any other battery cells that may have been ejected or damaged.
- Consider using TIC to monitor & observe battery and/or cells.

## ADDITIONAL INFORMATION

- Continuous air monitoring & evaluation for ventilation of structure or compartment area.
- Account for all loose or ejected cells.
- Perform structural fire decontamination procedures.
- Ensure that everyone involved in the incident is made aware of the potential for re-ignition and the battery or cells are placed in an isolated location.