



HAZMAT 5 -MINUTE LINEUP DRILL



Types of Batteries

Type of Battery	Description of Battery
Dry Cell Batteries	 Dry-cell batteries do not contain liquid. Smaller dry-cell batteries, such as alkaline or lithium ion, are typically used in portable electronics, such as toys, phones and laptops.
Lithium Batteries	 Lithium batteries have a much higher energy density than other batteries. Lithium batteries are generally used for portable consumer electronics and, recently, for electric and hybrid power trains for different types of vehicles. Consumer applications such as mobile telephones, laptops and calculators, digital cameras and camcorders, portable radios and televisions, electric razors and toothbrushes, and medical and communications equipment.
Lithium-ion Batteries	 Lithium ion batteries are used for powering many different items from small earbuds and earphones through to mobile phones, tablets, laptops and a host of other electronic gadgets and items. Cordless power tools make widespread use of li-ion batteries as do other electrical items.
Lithium Polymer	 lithium-polymer (Li-poly) batteries, a suitable alternative for a wide variety of consumer electronic gadgets.
Nickel-Cadmium Batteries	 Nickel-cadmium (NiCd) batteries compete with lead-acid batteries because they have a higher energy density and have a longer life. They are good for uninterruptible power supply and generator-starting applications.
Lead Acid Batteries	 A typical lead-acid battery contains a mixture with varying concentrations of water and acid.
Uninterrupted Power supplies (Personal & Network)	 An uninterruptible power supply or uninterruptible power source (UPS) is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails.
Tool Batteries	 There are three different types of batteries which can be used by cordless drills, or any other kind of cordless tool: nickel-cadmium (NiCd), nickel-metal hydride (NiMH), and lithium-ion (Li-ion).

An individual contacts your station and says they were told to bring a defective battery to the closest fire station. The graphics here provide information from Montgomery County Dept. of Environmental Protection on types of batteries and where to dispose of them properly. Please do not hesitate to call the on-duty HMO with any questions.

Where can I take batteries for special disposal?

If the batteries are from
your

home

Dispose of them at

[Household Hazardous Waste dropoff](#) at the Shady Grove Processing Facility and Transfer Station. Bring batteries from your home at no charge. We do not limit the number of batteries you may drop off.

Use the [Call2Recycle drop-off locator](#) to find participating retailers. Or call the nearest retailer to you.

business or organization
(Small Quantity
Generators only)

[EcoWise drop-off](#) at the Shady Grove Processing Facility and Transfer Station; the EcoWise fee schedule applies. Or, use the [Call2Recycle drop-off locator](#) to find participating retailers. Or call the nearest retailer to you.

Any damaged batteries brought to a station should be carefully removed from the building, put into a bucket with absorbent and the on-duty HMO contacted. We will have an incident created and come out overpack and mitigate the problem.