UNDERSTAND THE EXPOSURE. START THE CONVERSATION.

Lithium Battery Safety

10 questions every organization should ask

From tools and laptops to mobile equipment, lithium-ion batteries can introduce fire, explosion, and hazardous smoke exposures. Use this quick check to start a conversation about your facility and operations.

Organization / location

Date

Choose one response per question. No or Unsure identifies a follow-up need. Explain N/A in your own notes. Responses are self-reported; there is no safety or compliance score.

QUICK CHECK		YES	NO	UNSURE	N/A
01	Do you know where lithium batteries are used, charged, stored, and discarded?	○	○	○	○
02	Are batteries and chargers compatible and approved by the equipment manufacturer?	○	○	○	○
03	Are batteries checked for damage, swelling, leaks, or unusual heat before use?	○	○	○	○
04	Are charging areas clear of combustibles and kept out of exits and escape routes?	○	○	○	○
05	Do charging practices follow manufacturer limits and address after-hours use?	○	○	○	○
06	Are stored batteries protected from heat, moisture, impact, and short circuits?	○	○	○	○
07	Do workers know how to report suspect batteries and when to evacuate?	○	○	○	○
08	Does your emergency plan address battery incidents, alarms, and calling 911?	○	○	○	○
09	Have fire protection needs been reviewed for your battery storage and charging?	○	○	○	○
10	Are waste batteries kept out of trash and regular recycling and sent to a suitable provider?	○	○	○	○

KNOW WHEN TO STEP AWAY

Unusual heat, swelling, leaks, odor, or hissing can signal a problem. Stop use and report concerns. If a battery smokes, vents, or heats rapidly: raise the alarm, evacuate, and call 911 from a safe place. Do not handle or move an actively failing battery.

Identified gaps or unsure how to answer?

CRMG can help assess your facility or operations and develop practical next steps.

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Educational screening only; not a complete assessment, compliance determination, or guarantee of safety. Site-specific conditions, manufacturer instructions, and applicable requirements must be evaluated. Primarily for lithium-ion batteries; specialized systems need additional review.

Learn more: OSHA Lithium-ion Battery Safety

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