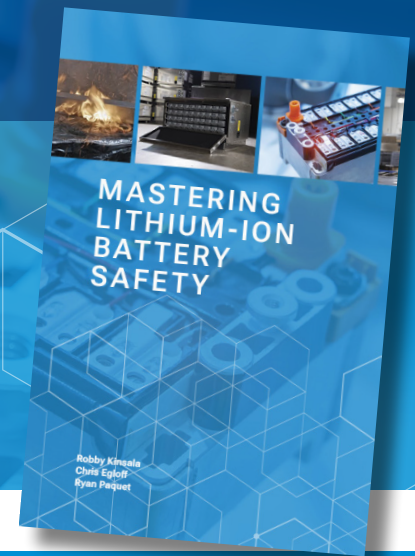


Mastering Lithium-Ion Battery Safety

Authors: Robby Kinsala | Chris Egloff | Ryan Paquet

Release: June 2026



OVERVIEW

Mastering Lithium-Ion Battery Safety delivers expert guidance on **industrial health & safety**, laboratory testing to failure, thermal runaway containment, and **transport law** compliance for lithium batteries. Written by the team behind Americase International, including experts from Americase, Fulcrum Testing, and HazMat Safety Consulting, this practical handbook covers DOT special permits, UN/IATA/IMDG regulations, custom packaging certification, and **logistics & supply chain** strategies for recalls, storage, and multi-modal shipping.

Audience: Engineers, operations and logistics teams, compliance professionals, manufacturers, data center leaders, and safety/risk teams managing lithium-ion batteries.

Authors:

Robby Kinsala – Chief Executive Officer, Americase International

Chris Egloff – Chief Revenue Officer, Americase International

Ryan Paquet – President, HazMat Safety Consulting

WHY IT MATTERS

- Lithium-ion adoption is accelerating across industries
- Safety practices and infrastructure are not keeping pace
- Thermal runaway behaves differently than traditional fire events
- Organizations need practical, field-tested guidance

KEY TAKEAWAYS

- Understand lithium-ion failure and thermal runaway
- Navigate global regulations (DOT, UN, IATA, IMDG, ICAO)
- Prepare for recalls, audits, and emergency response
- Evaluate containment vs. suppression strategies
- Implement safer, reusable, and compliant systems



KEY MEDIA ANGLES

- Lithium-ion battery risks are often misunderstood
- The shift from suppression to containment
- Evolving global regulations and fire codes
- The gap between rapid adoption and safety readiness
- Impact on insurance and policy
- AI Automation and Data Centers



SAMPLE INTERVIEW TOPICS

- What is thermal runaway and why does it matter?
- How do lithium-ion risks differ from traditional fire risks?
- What are the biggest gaps in current safety practices?
- How are global regulations evolving?



TESTIMONIALS / ENDORSEMENTS

The ***Mastering Lithium-ion Battery Safety*** book contains a wealth of background, experience, and wisdom for bringing lithium-ion batteries and the products using them to market safely and responsibly. These ubiquitous and often under-appreciated batteries offer great possibilities, and the book expertly and respectfully provides insightful guidance, advice, and solutions from experts on the global stage. The book builds on the lessons from the past with the curiosity and passion to inform innovative and problem-solving development while providing the tools and expertise to navigate nuanced regulatory obstacles today and into the future.

- Marc Boolish, Executive Director
PRBA – The Rechargeable Battery Association

A great book that everyone in the lithium battery industry should read to not only understand the potential risks of lithium batteries but also the value of collaborating across industries, with regulators, and standards organizations to mitigate these risks proactively.

- Todd Mackintosh, Technical Fellow,
Rechargeable Energy Storage Systems, General Motors

Real progress in standards and regulations comes only from a deep and practical understanding of the batteries' safety. As demonstrated in ***Mastering Lithium-ion Battery Safety***, the packaging industry's high-level technical contribution is essential to building a safer world.

- Claude Chanson, Technical Advisor
and former General Manager of RECHARGE



TESTIMONIALS / ENDORSEMENTS, CON'T.

The book on ***Mastering Lithium-ion Battery Safety*** covers a comprehensive list of topics. The book explains why recalls occur, the importance of following regulations to enhance safety, the need to complete product certifications, and testing to failure which allows one to set safety limits with adequate margin. It covers the standards and regulations in work that will further enhance the safety of lithium-ion batteries while in storage as well as for safe transportation and finally discusses the importance of sustainability while being innovative. The book provides adequate information to be educational for those involved in the manufacturing, transportation, integration, use and maintenance as well as in research and development related to lithium-ion batteries.

- Judy Jeevarajan, Ph.D., VP and Exec. Director,
Corporate Fellow – The William Henry Merrill Society
Electrochemical Safety Research Institute (ESRI),
UL Research Institutes

Mastering Lithium-Ion Battery Safety, from the team at Americase, Fulcrum Testing, and HazMat Safety Consulting, provides thoughtful insight into the complex world of lithium battery safety that highlights their deep expertise and practical solutions to solving complex problems.

- Mike Sanders, Sr. Dangerous Goods Manager
at a global medical device company

A definitive must-read if you are in the transport of lithium batteries. This book is full of details regarding testing, packaging and regulatory insights published by true professionals. Americase, Fulcrum Testing, and HazMat Safety Consulting are your winning team for all your lithium batteries transportation.

- Stephane Rossetti, Sr. Dangerous Goods Program Manager
at a global medical device company



THE DETAILS

Number of Pages: 130

How to Get the Book:

<https://www.amazon.com/dp/B0GX2ZNHWR>

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Book Launch

Date: June 18, 2026
Time: 2:30 - 5:30 p.m. ET
Venue: Blackwall Hitch Annapolis

Interested in Attending the Launch?

- ▶ [Attend in person](#)
- ▶ [Join via Livestream](#)