

BEYOND POLICY:

Practical Solutions
for E-Mobility Risk

With
Nick Bailey
Founder of
BatteryIQ



JOIN THE CONVERSATION

Removing unsafe batteries from buildings

BatteryIQ™ helps to remove unsafe batteries from buildings, through battery audits and testing



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Lithium-ion battery caused fire that killed mum and 3 children



(l-r) Elisha Brabin (with Prudence) and three of her children: Ellis, Prudence and Leo died in the house fire

Lynette Horsburgh

North West

28 September 2026

A house fire that killed a mother and her three children was caused by a lithium-ion battery.

E-Scooter battery the likely cause

- e-scooters and e-bikes / e-motorbikes are already commonplace
- Batteries are large enough to ignite nearby objects
- Battery fires are caused by
 - ❖ Poor quality battery assembly (including home assembly)
 - ❖ Damage to a battery through its life
 - ❖ Mis-use of chargers and power supplies

Over the last five years, some delivery riders and building tenants have bought low-cost rather than reputable batteries. Most of these batteries are still in use

Similar batteries will be brought into real estate for several years into the future, while also getting older and more dangerous.

BatteryIQ – Removing non-compliant batteries

- **Safety Assurance** – Our independent experts check a battery for
 - Compliance with standards
 - Authenticity against our database
 - Condition – not damaged
 - Technical performance
- **Safety Marked** – Secure radio tag attached to each battery, with barcode
- **Compliance** – Ensure battery was sold by a UK corporate entity who provide support. Aliexpress / Temi products are unlikely to be allowable
- **App Validation** – Building managers scan the QR code to check the battery is genuine and compliant
- **Online Monitoring** – We check batteries for temperature, recalls and expiry of certification

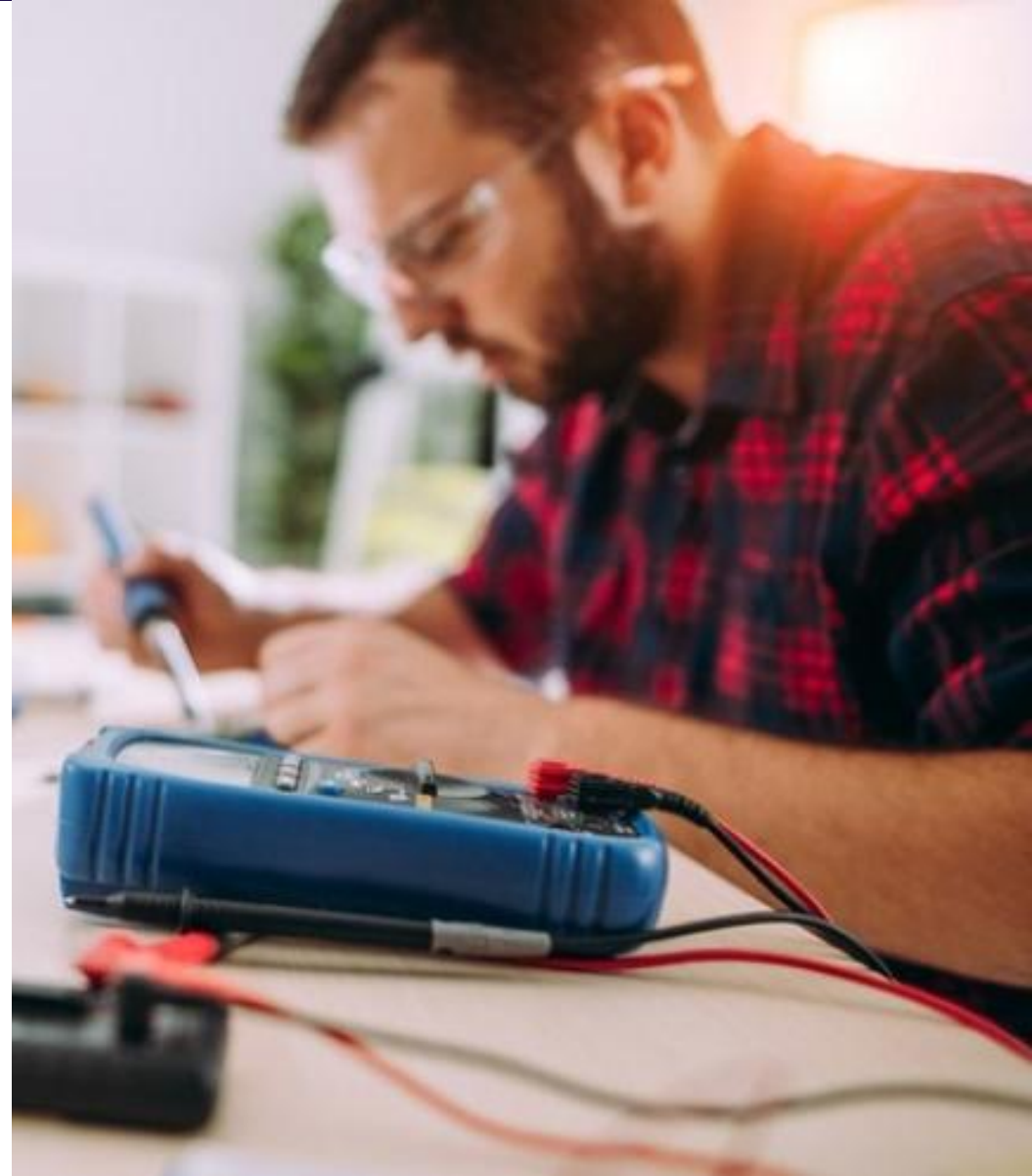


Technicians come to your property / campus

- **Meet battery owners at their home / apartment building**
 - Low effort for battery owners
 - Minimise rate of owners missing testing
- **Schedule monthly / quarterly**

Visit a technician

- **Local shops** – Local bike shop mechanics can be trained to carry out testing



Raise awareness

- e-Bikes without safety-marking removed from bike parks

Control access

- Optional use of barcode & radio tag for access management

Tools for building managers

- List of registered users
- Live database of batteries present in a building
- Early warnings of certificate expiry
- Notification of battery model recalls





Building support with tenants

- Some tenants will see this as landlord overreach
- **This is about safety, not over-regulation**
- **As a landlord, you're taking action to keep everyone safe**
- The cost is low / zero – are safety funds available?
- You're not policing what tenants do with batteries – we will try to assess e-scooters

Key activities

- Define your policy early
- Build awareness early – we're also doing this via national press
- Set a generous timetable

Get updates on pilots and programmes

<https://forms.gle/8BtkvrCh3VxgEKuD6>



Reach out to us for a call

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