

Are lithium-ion batteries safe in Ireland?

The reality is that even the most advanced, high-quality batteries can become hazardous if damaged, improperly stored, or handled without proper precautions. As technology outpaces legislation, businesses in Ireland must look beyond compliance and take a proactive approach to lithium-ion battery safety across the board.

What type of lithium mineralization is found in Ireland?

This is the type of lithium mineralization found in Ireland. Lithium bearing pegmatites were initially discovered on the Avalonia Project area in the 1970s by the Geological Survey of Ireland and exploration work has been carried out by various companies on and off, until the licenses were acquired for the Avalonia Project in 2007.

What are lithium-ion batteries used for?

Lithium-ion batteries are now used in a wide range of applications, from consumer electronics and power tools to industrial energy systems and electric vehicle fleets. According to QBE Europe, fires caused by lithium-ion batteries from multiple sources have doubled in just two years.

How will Geological Survey of Ireland be used to identify lithium pegmatites?

Geological survey of Ireland maps for glacial till are being used to inform the sample locations. Samples collected will be 5 and 15kg each and will be analysed in a lab for concentrations of minerals which indicate the presence of lithium pegmatites. PL4032 Moylisha Hill, County Wicklow

Why is lithium-ion battery research and development important?

Society and Technologies demand for more powerful mobile devices with longer range and market need for convenience of faster charging for electric vehicles has placed lithium-ion battery research and development as one of the most critical challenges to be solved.

Are lithium-ion batteries a 'priority product'?

In December 2024, the UK government issued new statutory guidelines through the Office for Product Safety and Standards (OPSS), and by July 2025 it had passed the UK Product Regulation and Metrology Act, making lithium-ion batteries a "priority product."

Producers of LLLB have responsibilities in Ireland under the Battery Regulations including registration with the Producer Register Ltd and reporting details of their supply of batteries ...

LOCALS IN NEWMARKET have decried Cork County Council's approval of a lithium battery farm in the "heart" of the rural town. An environmental group in the town has condemned the ...

The University of Limerick claims that the infrastructure will allow the manufacture of prototype batteries

from single cell and coin cell to pouch level cells, which can transform ...

While batteries themselves made by companies such as Samsung and Panasonic are key, the ecosystem around batteries is just as important. Energy Storage Ireland, in its ...

Collection targets for waste batteries are set to increase, and specific measures for lithium recovery are outlined. The regulations also introduce mandatory recycled content levels ...

Increasing investment and promising lithium discoveries in Ireland this decade have raised hopes of a close source for Europe's nascent battery supply chain. Irish Base ...

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