

Battery safety jordan

The battery is the key component of the electric vehicle. As demand for electric cars and vehicles increases, manufacturers need to be confident the high-voltage batteries they use meet international standards for safety, reliability, endurance, and performance.

All battery tests are conducted in accordance with international standards and original equipment manufacturer (OEM) specifications including ISO, IEC, UN ECE, SAE, LV, AK and many more. We can also perform bespoke tests to customer requirements if required.

Electromobility is undergoing rapid technological change. As well as being actively involved with standardization bodies, we offer full consultancy and testing services, helping manufacturers create efficient, economically viable electric vehicles and cars.

With ISO/IEC 17025 laboratory accreditation, lithium battery expertise and over 30 years' experience of the requirements and test methods of vehicle manufacturers, we can meet all your battery testing needs.

Energy Storage Systems play a major role in our everyday life. Portable electronics, regular, hybrid, and electric vehicles all employ various types of batteries that would have to be discarded when spent. Researchers at the German Jordanian University have been investigating the status of battery disposal in Jordan and, in cooperation with the Ministry of Environment, were able to look at past, current, and future initiatives, guidelines, and legislation to sound the alarm and raise social awareness of the importance of properly discarding batteries and the laws to enforce them.

Dr. Mohamad K. Khawaja and Dr. Ammar Alkhalidi, both of the Energy Engineering Department, along with Sara Mansour, a graduate from the Biomedical Engineering Department, published an article in the Journal of Energy Storage titled "Environmental impacts of energy storage waste and regional legislation to curtail their effects - highlighting the status in Jordan."

The paper encourages consumers to be conscious of the environmental impacts of discarding batteries and the importance of disposing them properly to ensure recycle and/or resale of those batteries.

In a country like Jordan where hundreds of thousands of lead-acid batteries are imported annually and with an ever-increasing number of electric vehicles on the road, proper disposal of spent batteries becomes essential for environmental and economic reasons.

Special thanks to the Jordanian Ministry of Environment and its Director of Hazardous Substances Dr. Mohammad Khashashaneh for providing the team with invaluable information regarding hazardous electronic waste in Jordan.

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Web: <https://sumthingtasty.co.za/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

