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**MEDIA ADVISORY**

**Meech releases white paper focusing on the Importance of contaminant-free EV battery cell manufacturing**

Meech International has released a white paper focusing on the crucial role static control and web cleaning plays within the battery manufacturing process.

As global demand for Electric Vehicles (EVs) continues its steep upward trajectory, more and more attention is turning towards the challenges of expanding regional EV battery supply in order to meet future needs.

Battery performance, reliability and safety plays a critical role in the success of any EV – without its beating heart, no matter how good its design – the vehicle is just an inanimate object. And yet, the performance, or in some cases catastrophic failure of its battery, can literally make or break the success of a vehicle and the car manufacturer’s reputation as they transition more heavily into this sector. To add to this, the huge demand from EV manufacturers is placing unprecedented pressures on suppliers to keep apace, adding further to the pressure for optimising battery production output and minimising waste.

Within the complexities of cell manufacturing, be that based on lithium-ion or hydrogen fuel-cell technology, there are many processes where either static or contamination can build-up resulting in wide-reaching detrimental effects on the battery’s performance and safety, not to mention, profitability and market success.

While many of the challenges and solutions highlighted are relevant to most types of cell technology, the white paper focuses specifically on the importance of maintaining clean, neutrally charged components within the manufacture of lithium-ion cells. It will also examine the role that specialist suppliers of contamination removal and static control can play throughout the production process, to ensure clean and safe environments for the optimum manufacture of high-quality, high-performance cells.

Meech offers a dedicated approach to surface contamination and static charge removal with a range of solutions, tailored to the battery manufacturing industry, which can be matched to the material, process and contamination type, highlighted in the white paper.

To download a copy of the white paper visit: [https://meech.com/download/white-papers/](https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fmeech.com%2Fdownload%2Fwhite-papers%2F&data=05%7C01%7Csawan%40adcomms.co.uk%7C7bcc507157214157085808da584fc3f4%7C4ed3e69fbff14a35b4253801f8045f3f%7C0%7C0%7C637919396876394433%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=vraMHr8dJZcAwbkA24xvZaEYQXS9SQ%2BlfuVnGnAJGaU%3D&reserved=0)

**ENDS**

**About Meech International**

Founded in 1907 and headquartered in Oxfordshire, UK, Meech International is a specialist developer and manufacturer of electrostatic controls and related solutions. The Meech product range is organised into three key groupings: static control, air technology plus contact and non-contact web cleaning systems. These are used extensively within a wide range of industries including printing, packaging, converting, plastics, automotive, pharmaceutical and food production. With an established worldwide network of subsidiaries and distributors, around 80% of the systems produced by Meech are sold in 45 overseas markets.

**Issued on behalf of Meech International by AD Communications:**

**For more information, please contact:**

Sirah Awan Iain Cameron

Account Manager Marketing Director

AD Communications Meech International

T: +44 (0) 1372 464470 T: +44 (0) 1993 706700

[sawan@adcomms.co.uk](mailto:sawan@adcomms.co.uk) [Iain.Cameron@meech.com](mailto:Iain.Cameron@meech.com)

For further information on Meech International please visit: [www.meech.com](http://www.meech.com)