STL to exhibit at UK’s largest battery technology expo

Samuel Taylor Ltd (STL) will be exhibiting at the Battery Cells & Systems Expo on the 15th and 16th May 2024 at the NEC in Birmingham.

You can visit us at stand 1003 where we will exhibit bonded aluminium and copper ALCu, bonded silver and copper SilCu, and “spot welded” aluminium and copper.

The Battery Cells & Systems Expo is the UK's largest battery technology exhibition and conference, bringing together automotive manufacturers, electric utilities, battery system integrators, cell manufacturers and the entire manufacturing supply chain.

Co-located with Vehicle Electrification Expo, The Advanced Materials Show, and The Advanced Ceramics Show, the event will welcome 300+ exhibitors and 4,000+ visitors in May 2024.

One of STL’s success stories involves producing the dual thickness, contacted busbars used in smart meters. Utilising this core competency, STL has previously partnered with a leading developer of EV battery modules from the offset to design and build a pilot scale stamping line for their EV battery, working to produce 10,000 initial prototypes.

This was followed by the development of a brand-new dual thickness method of manufacture to enable scalable production of a total of 70,000 busbars in accordance with stringent quality requirements.

An evolution of this technique is now being used on prototype shunt for a different application being developed by STL and a Cambridge based design house.

We look forward to welcoming conversations about this and other projects at the exhibition.

STL has been at the forefront of engineering technology, supplying intelligent, cost-effective precision engineering solutions for manufacturing industries across the world.

From sophisticated bonding of base and precious metals, manufacture of electrical contact rivets, precision stamping and welded contact assemblies, our unique blend of technology, experience and knowledge enables us to create effective cost driven solutions to address the most complex of manufacturing challenges.

ENDS.