

## Slovenia battery testing

However, as vehicles become smarter and more hi-tech, a raft of regulations and compliance testing has become necessary to ensure they are safe and able to withstand everything from cyber-attacks to wear and tear from climatic aging and corrosion.

We test to all the major standards including Functional Safety ISO 26262 and the new automotive cybersecurity standard ISO/SAE 21434, as well as performance, durability and connectivity testing for all electric and electronic related components, parts and subassemblies. We also offer damage and failure analysis services to identify the cause of product failures, and provide solutions that save time, money and potential product recalls.

SGS is the world's leading testing and verification company, with laboratories, testers and industry experts located throughout the world. We are an established partner for electric and electronic automotive testing services and work with manufacturers to bring vehicles safely to market on a global scale.

With the growing demand for electrified systems and products, the battery has become increasingly important. As a result, the demands placed on this critical vehicle component have increased dramatically. To ensure that batteries deliver optimal performance over the longest possible lifetime while meeting strict safety standards, we have developed the AVL Battery TS(TM) End Of Line. From modules to battery packs, this test system enables battery testing in production. The system covers Conformity of Product (CoP) and Quality Assurance testing.

With AVL PUMA 2(TM) Production, the user can quickly and easily adapt the user interface and the test procedures to his tasks and needs without any programming knowledge. The automation includes a mechanism to check, compare and log any changes.

EOL test systems support multiple batteries to optimize footprint and energy consumption. Batteries can be tested independently for easy maintenance and flexibility on the production line.

Why develop the most powerful battery if you can't guarantee its quality and durability? At AVL, our mission is to cover the entire development process, from R& D to EOL, with efficient and reliable tools you can rely on."

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