



# ELECTRIC VEHICLE CHARGING SYSTEM (EVCS)

**PRODUCT CERTIFICATION SCHEME AND  
TESTING SERVICES**

**Ensuring the Safety and Reliability  
of EVCS**



**Electric Vehicle Charging System (EVCS) testing and certification are essential processes to ensure the safety, reliability, and performance of electric vehicles.. At SIRIM QAS International, we have the technical expertise and equipment to inspect, test and certify your products to ensure they meet the required standards.**

**This will help manufacturers secure and enhance the confidence of their customers. As our rigorous tests are of local and international standards, our certification will allow your business to expand into markets with equally stringent requirements related to the EV industry.**

### **Safeguarding EV users, developing the EV industry**



**SIRIM**

The Malaysian government has implemented various initiatives to support the adoption of EV, in line with the United Nations Framework Convention on Climate Change and the 12th Malaysia Plan.

The essential component of EVs is charging points, and 10,000 will be built by 2025 to meet the rising sale of EVs.

Protecting the circuit and charging points is extremely important, as this will ultimately safeguard the vehicle. Faulty or untested charging points can lead to a power surge that damages the EV. It will be costly, bringing disrepute to your services, brand, and confidence in the industry.

We at SIRIM QAS International have the expertise and facilities to ensure these charging points are safe, reliable, and functional, assuring end users of a worry-free charging experience.

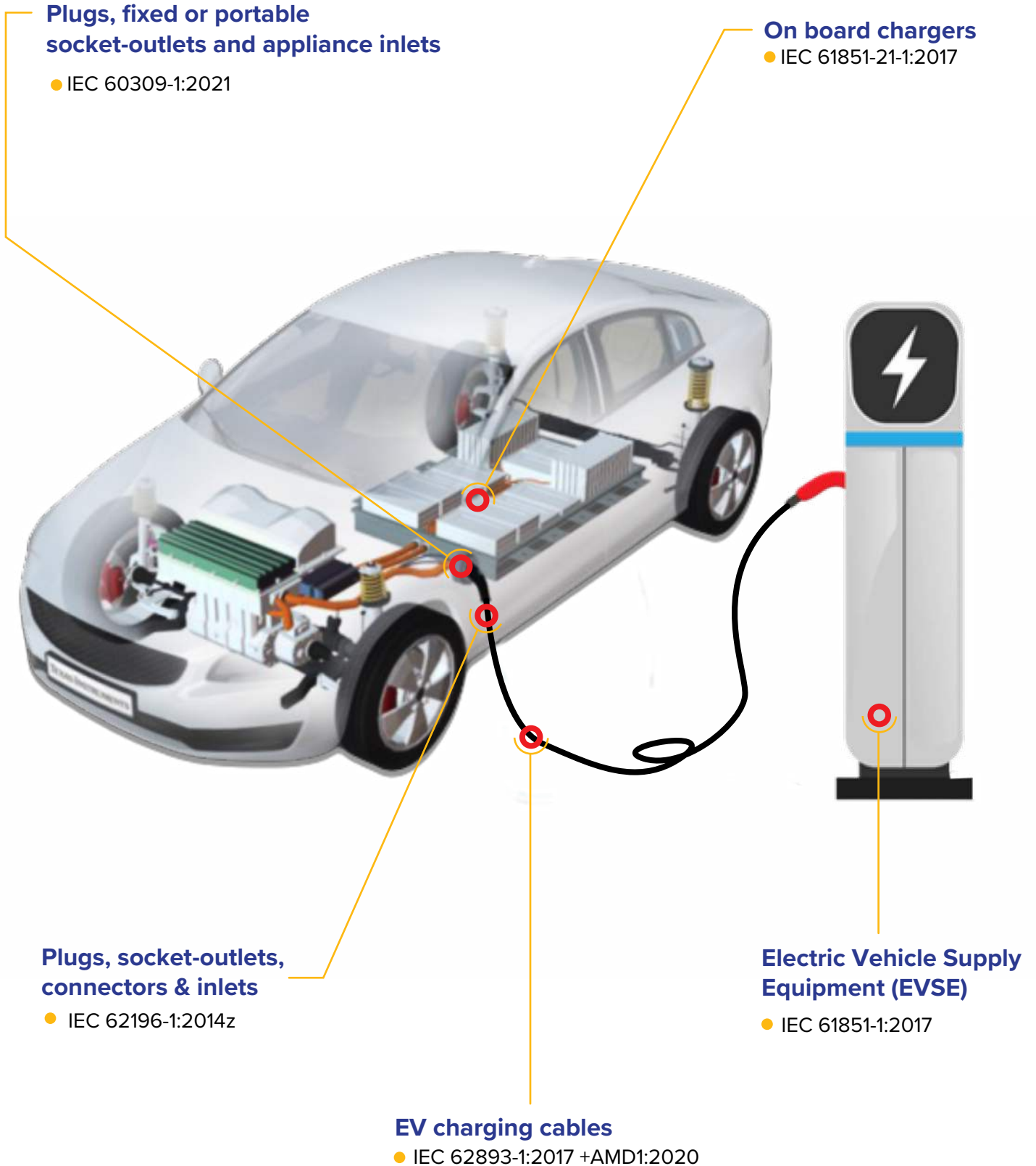
Our certification scheme will also help develop and grow the EV industry. Reliable and safe EVCS will result in more trust in EVs and contribute to the rise of EV ownership.

This is consistent with Malaysia's Low Carbon Mobility Blueprint 2021-2030 and New Energy Policy (2022-2040) that aim to turn Malaysia into a greener and more environmentally sustainable nation.



## Applicable Reference Standards For EVCS

Based on Guide on Electric Vehicle Charging System (EVCS), published in August 2022 by the Energy Commission.





## Why do you need to get certified?

- Gain EV owners' confidence in the safety and reliability of EVCS.
- Improve your brand reputation and market access with the SIRIM Product Certification Mark displayed on your EVCS.
- Ensure EVCS conforms to national and international standards.
- Increase opportunities, break into new markets as products are certified.
- To remain updated about potential risks and industry's latest requirements, including cyber security.
- Assist in product development.

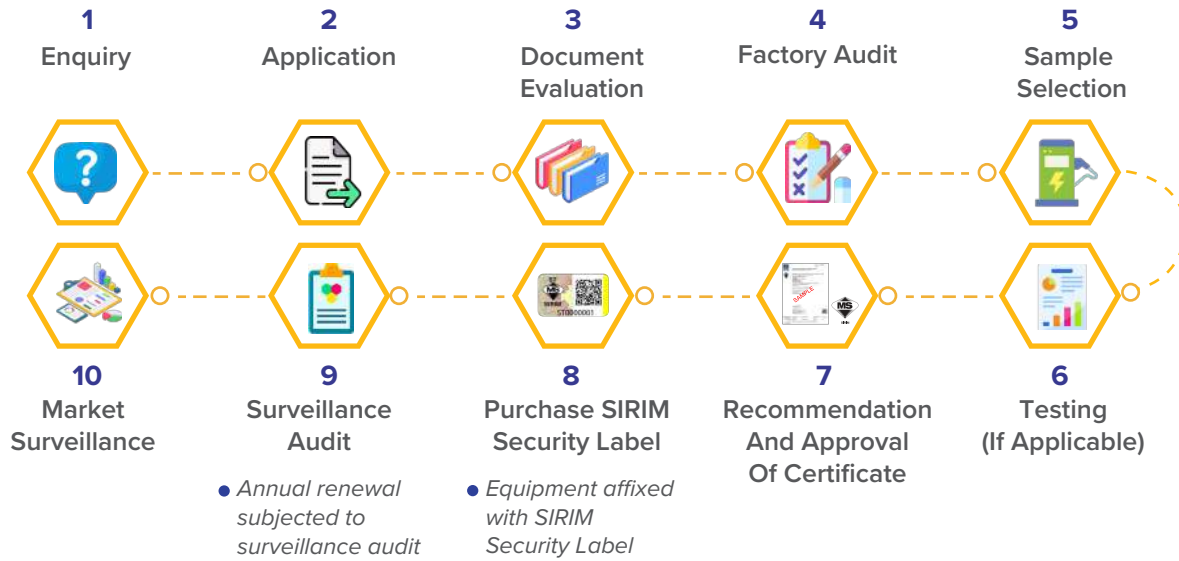
## Who should get their products tested?

- EV manufacturing industry.
- Charging station manufacturer and installers.
- Building contractors.
- Automotive service providers.
- EVCS maintenance professionals.

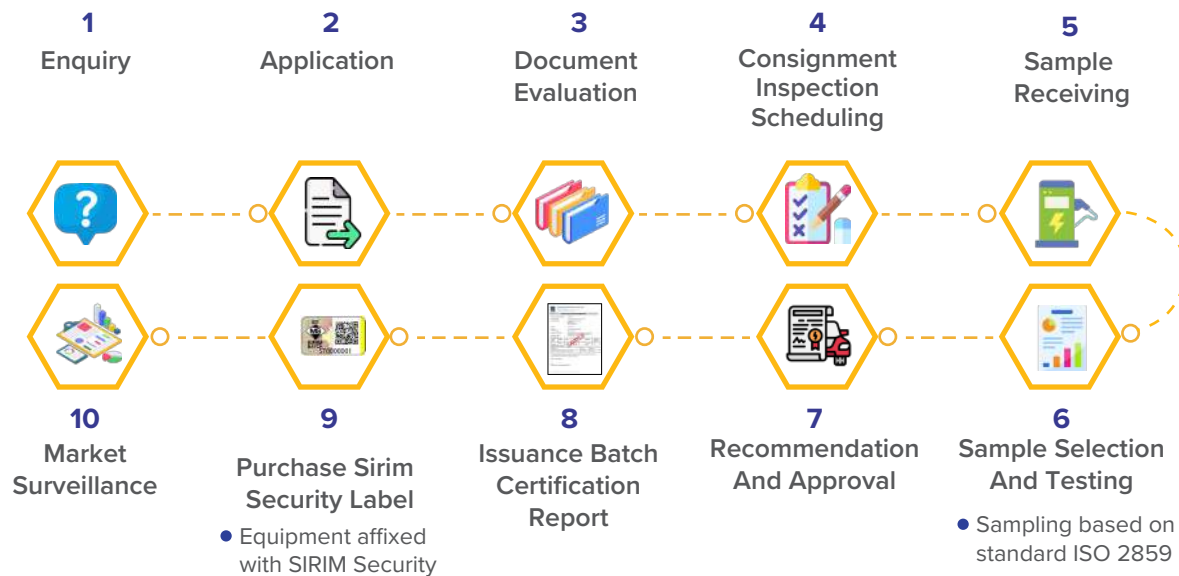


## Certification Process

### Product Certification Scheme



### Batch Certification Scheme



## SIRIM QAS International – Your Best Partner for Innovation





SIRIM QAS International's long pursuit of dedication in service is a mark of our commitment to quality. We provide innovative solutions through testing, inspection and certification services for our

Our accreditations by the Department of Standards Malaysia (STANDARDS MALAYSIA) and the United Kingdom Accreditation Service (UKAS) are a testament to the credibility of our certifications. As a member of the International Certification Network (IQNet), our certificates are recognised and accepted


Our expertise extends to a team of highly experienced auditors competent in various sectors, including the automotive and EV industries. Be part of the future of the EV sector with SIRIM QAS International.

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