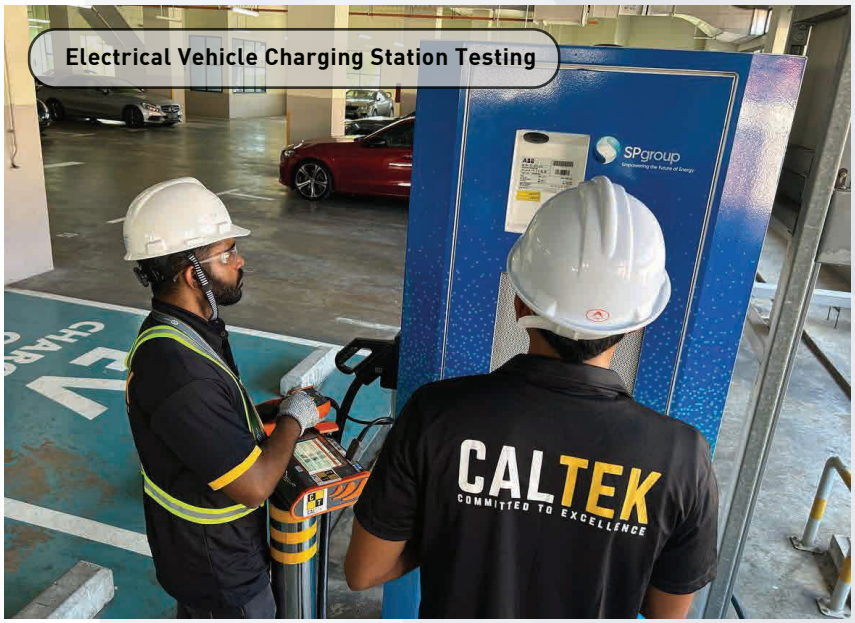
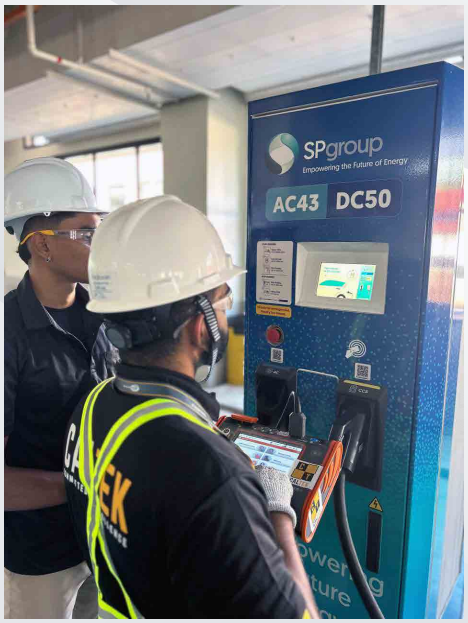
ELECTRICAL SAFETY TESTING

ELECTRICAL VEHICLE CHARGING STATION





Caltek acquired specialisation in Electrical Vehicle (EV) charging station testing competency and capability relative to safety and quality standards. We are dedicated to ensuring the reliability, safety, and performance of EV charging infrastructure through comprehensive testing and assessment services compliance to TR25:2022 and IEC61851-1, IEC61851-21-1, IEC 61851-23 & IEC 62196-1/2/3.

Charging station testing capability refers to the ability to evaluate and verify the performance, functionality, and safety of EV charging stations. It involves conducting various tests and assessments to assess the charging station's electrical and mechanical components, as well as its compatibility with different electric vehicle models.

With our expertise and State-of-the-Art Testing facilities in Electrical Device calibration, we have equipped our team with relevant skills, necessary validation and certification for EV charging stations, enabling the seamless transition to electric mobility.

Our team comprises of professionals in Electrical Safety Testing with National EV Specialist Safety (NESS) Certification. Test equipment comes with Accredited Calibration and our Qualified Equipment Specialist performing will ensure compliance with all regulatory/client requirements. (LTA, SP Group & Manufacturers and Automotive Industry)

ELECTRICAL SAFETY TESTING

ELECTRICAL VEHICLE CHARGING STATION

TEST PERFORMED

1. Electrical Safety Test (Eg. Tripping Test, Earth Loop Impedance Test, Insulation Resistance Test)
2. Preventive Maintenance Test
3. Comprehensive Inspection include external and environmental check

LOCATIONS / APPLICATIONS

- Airport Terminal Vehicle stations
- Automotive Distribution Workshops and Centers
- Bus Depots
- Car Manufacturers
- Fire Safety Depot
- Hotels & Residential Charging Stations

Calibration and Measurement: LA-2003-0292-C | Environmental Testing: LA -2022-0825-F

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