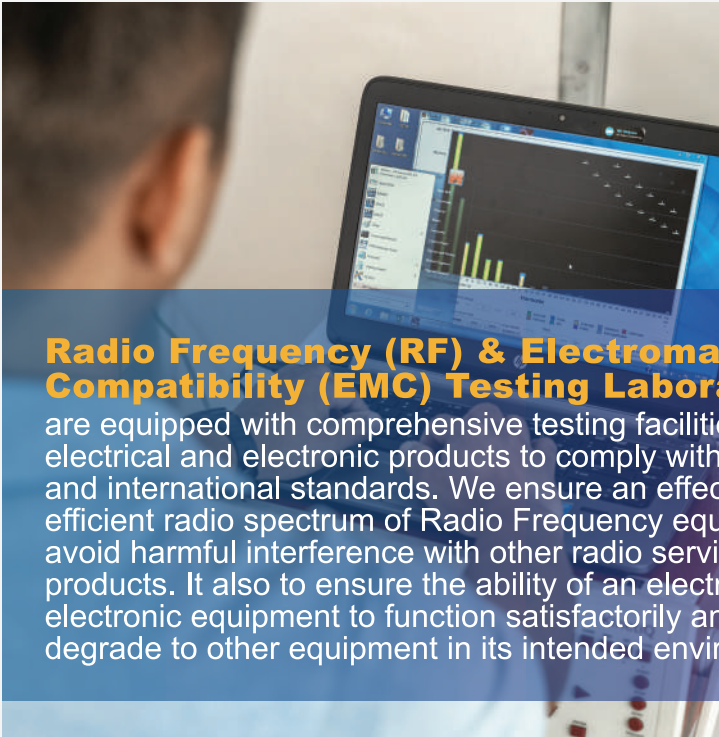
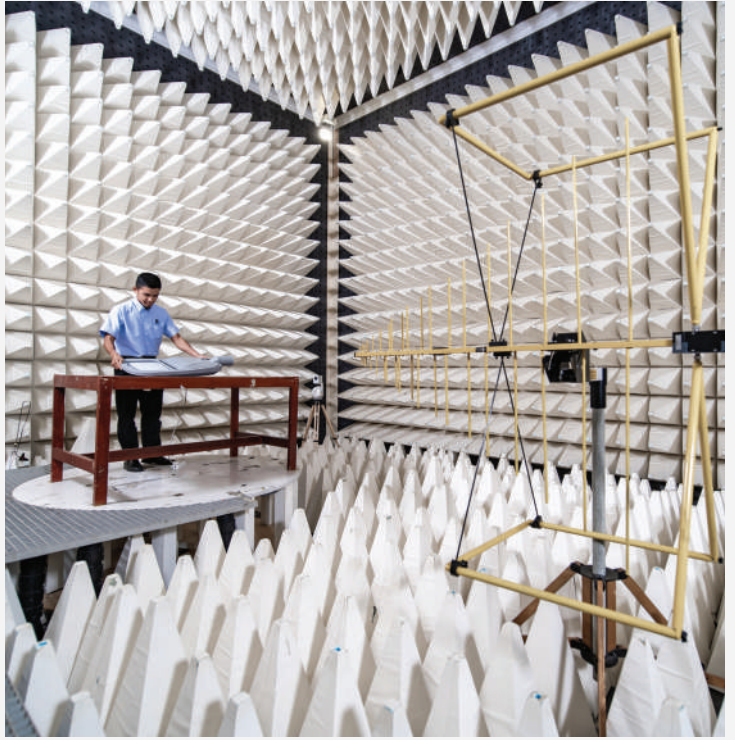


RADIO FREQUENCY AND ELECTROMAGNETIC COMPATIBILITY

TESTING

The global gateway for Radio and Electromagnetic compliance



Radio Frequency (RF) & Electromagnetic Compatibility (EMC) Testing Laboratory

are equipped with comprehensive testing facilities for electrical and electronic products to comply with national and international standards. We ensure an effective and efficient radio spectrum of Radio Frequency equipment to avoid harmful interference with other radio services or products. It also to ensure the ability of an electrical/ electronic equipment to function satisfactorily and does not degrade to other equipment in its intended environment.



Jabatan Pengangkutan Jalan (JPJ) has listed SIRIM QAS as one of the technical advisor for issuing e-marking certificates for automotive products/ industry in Malaysia.

With this accreditation and recognition, SIRIM QAS can assist manufacturers in meeting with the RF & EMC requirements sets by the regulatory bodies such as Malaysia Communication and Multimedia Commission (MCMC), Jabatan Pengangkutan Jalan (JPJ), Jabatan Kerja Raya (JKR) and special project requirement, e.g. rail, oil & gas industries.

We provide a one-stop service for testing, certification and issuance of a mark for:

- FCC: US-Market
- E-Mark: Malaysian Automotive

- MCMC: Malaysian Communication Multimedia Commission Products
- CB Scheme Testing and Certification for both local and international market.

Apart from doing the conventional testing process, which requires customers to send their test samples to our laboratory, we can coordinate our skilled personnel to your premises to conduct the test and on-site testing. This is specifically for large products.

Our standard for the issuance of test reports is within 6 – 10 days after completion of testing.

Scope of Services

- Full Compliance Testing
- Laboratory Testing

- On-site Testing
- Pre-Compliance Testing
- Research and Development
- Verification Test

Testing Facilities

- 3m Semi Anechoic Chamber
- 5m Fully Anaechoic Chamber
- 10m Open Area Test Site
- Emissions Testing System
- Radiated Immunity System
- Radio Profile Test System
- Disturbance Power
- Harmonic Current
- Voltage Flickering and Fluctuation
- Conducted RF Immunity System
 - Artificial Main Network
 - Bulk Current Injection
- Conducted Transient System
 - Surge
 - Electrical Fast Transient
 - Automotive Transient
- Electrostatic Discharge
- Voltage Dips and Interruptions
- Audio Video Immunity System
- Power Magnetic Fields
- Electromagnetic Field Measurement
 - Laboratory Method
 - On-Site Measurement

Application Process:



Why SIRIM QAS?



SIRIM QAS is an internationally recognised conformity assessment body with decades of experience in providing testing, inspection and certification services to both local and international customers.

The competency of SIRIM QAS to perform electrical and electronics testing is demonstrated through the accreditation of ISO/IEC 17025 by the Department of Standards Malaysia (STANDARDS MALAYSIA) under the National Laboratory Accreditation Scheme (SAMM). Our test report carries both SAMM and ILAC MRA logo. Our acceptance as the CB Testing Laboratory under the IECCE CB Scheme, enables us to issue CB Test Reports and CB Test Certificates which are accepted and recognised by participating National Certification Bodies (NCB) and CB Testing Laboratories (CBTL) in more than 50 countries worldwide. RF & EMCT facilities have been accredited to ISO/IEC 17025 by the Department of Standards Malaysia and recognised by US FCC, GCC Standardization Organization, IEC CB Scheme and UN ECE R10.

We have been appointed by the Energy Commission (ST) as the Conformity Assessment Body and Test in conformity with the requirement of the ASEAN EE MRA and APEC EE MRA respectively, that would undertake testing and certification activities under the Mandatory Requirements of the importing member countries.



For more information, contact us at:

SIRIM QAS International Sdn. Bhd. (410334-X)
Building 8, SIRIM Complex No.1, Persiaran Dato' Menteri,
Section 2, P.O Box 7035, 40700, Shah Alam,
Selangor Darul Ehsan, Malaysia.

Tel : 603 5544 6400
Fax : 603 5544 6810
Email : cserviceqas@sirim.my
Websites : www.sirim-qas.com.my
: www.malysiancertified.com.my

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