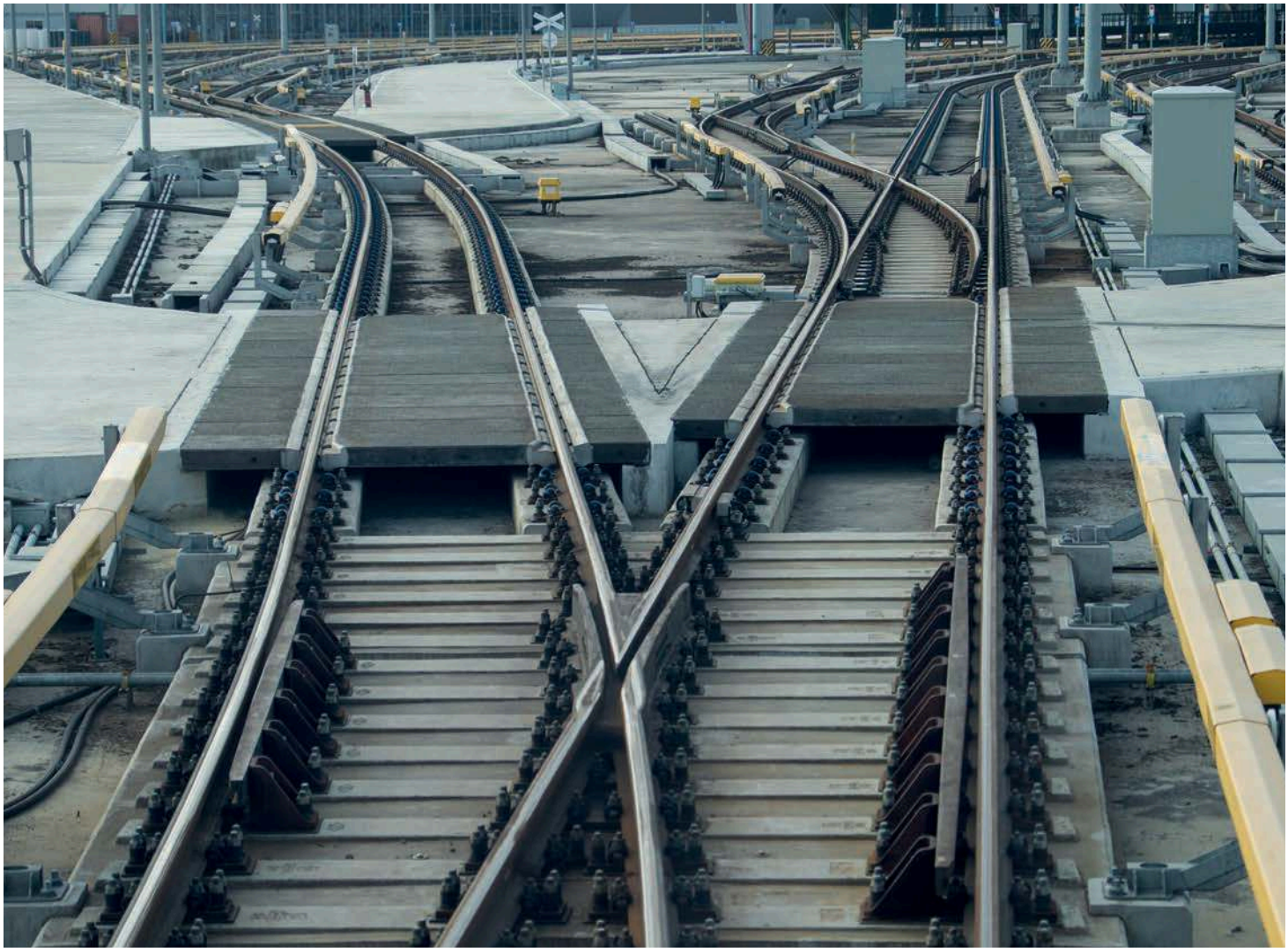


EMC SERVICE FOR RAILWAY APPLICATIONS

TESTING SERVICES

Ensuring Electromagnetic Compatibility in the Railway Environment



Assure that your electrical and electronic equipments for railways comply with electromagnetic compatibility (EMC) compliance. SIRIM QAS' accredited laboratories and team of experienced personnel provide a wide range of EMC services, from management to compliance testing, to ensure the reliability and functionality of your systems and components within the railway environment.

Safety on the Tracks – EMC Service for Railway Applications



Modern railway systems operate on essential electric and electronic systems. These include ticketing machines, fixed power supply installations, signaling and telecommunications as well as other electrical and electronic components installed in rolling stocks and at the railway stations.

It is imperative to ensure the electromagnetic compatibility of these components to prevent performance degradation that could arise from electromagnetic interference. This ensures that railway systems are able to operate efficiently and safely.

SIRIM QAS provides testing services based on a set of standards to verify that electrical systems and assemblies comply with EMC regulations and are fit for their intended applications in the railway environment.

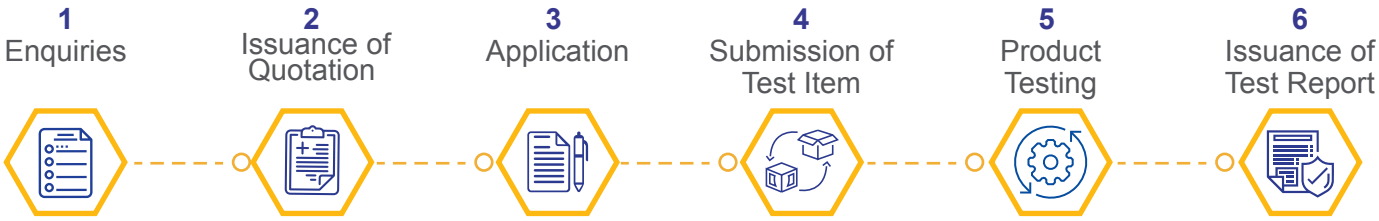
Our services include:

- EMC Management and Control Plan
- EMC Acceptance Report
- EMC Compliance Matrix
- EMC Site Environment survey
- EMC Hazard and Risk Assessment
- On-site EMC Testing
- Laboratory EMC Testing

Why Get Tested

- Demonstrate product conformity to national and international standards through SIRIM QAS' credible and internationally-recognised test report.
- Enhance the quality and reliability of your products to support safe and efficient railway operation systems.
- Facilitate acceptance of your products and services among stakeholders, easing access to local and international markets.
- Contribute to product development by reducing rejections during production, hence reducing unnecessary costs.

Testing Services Process



SIRIM QAS – On Route to Quality and Assurance



SIRIM QAS is an internationally recognised Conformity Assessment Body with years of experience in providing testing, inspection and certification services to both local and international customers. We are backed by a dedicated team of trained, competent and qualified professionals.

We have gained accreditation and recognition by the Department of Standards Malaysia (STANDARDS MALAYSIA) under the National Laboratory Accreditation Scheme (SAMM) based on the requirements of MS ISO/IEC 17025. Our test report carries both SAMM and ILAC MRA logos. With these accreditations, a competent team and state-of-the-art facilities, we are able to provide accurate and high-quality services for all your testing needs.

For more information, contact us at:

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