



# ENERGY EFFICIENCY

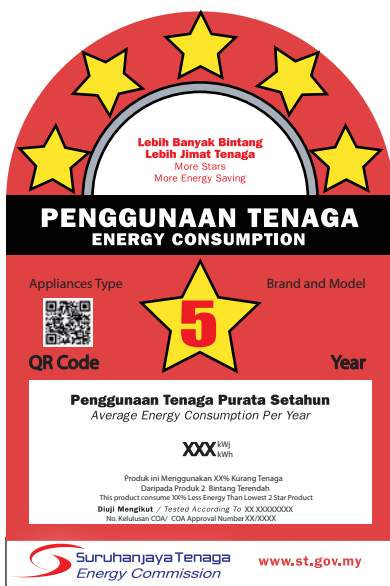
TESTING SERVICES

Ensuring Compliance to Energy  
Efficiency Standards



Assure consumers of your commitment to energy efficiency. With state-of-the-art laboratories and extensive experience in electrical and electronics testing, SIRIM QAS is able verify the energy performance of household appliances listed in the Energy Efficiency Labelling Programme. This will help manufacturers secure confidence in their products' safety and performance. Our tests, based on local and international standards, will allow your business to expand into markets with equally stringent requirements on energy efficiency.

## Reaching for the Stars - Energy Efficiency Testing Services



In recent years, energy efficiency has climbed high on the list of priorities in government policies, industry specifications and consumer demand. As such, manufacturers face increased demand to demonstrate that not only are their products energy-efficient, they can still perform as well if not better than non-energy-efficient ones.

The Energy Efficiency Labelling Programme by Suruhanjaya Tenaga (ST – The Energy Commission) requires electrical appliances to be rated based on the STAR Index or efficacy value for lamp products, which demonstrate compliance to energy efficiency standards. This initiative is designed to promote the use of products that optimise energy consumption.

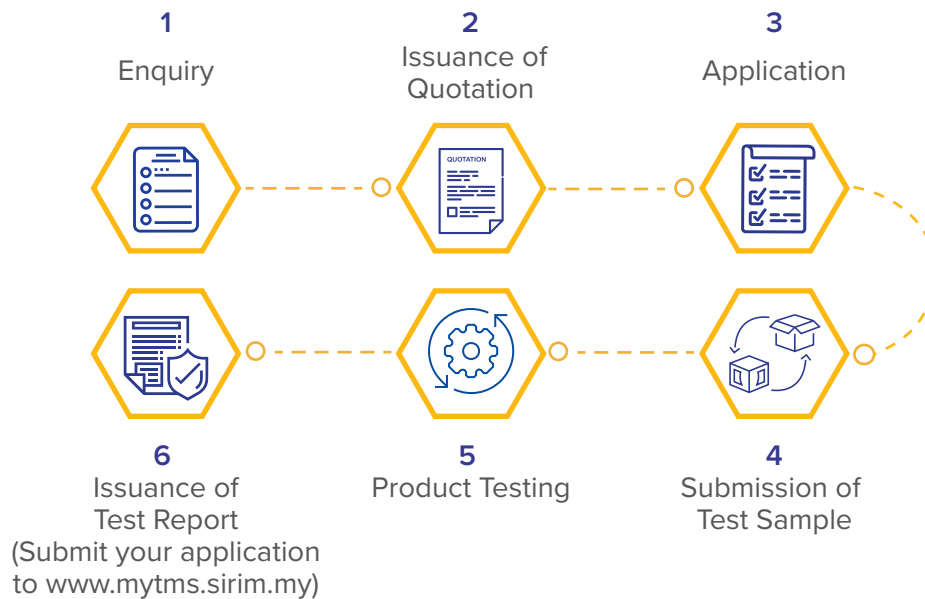
Household appliances namely television, refrigerators, domestic fans, air conditioners, washing machines, microwave ovens and rice cookers are required to meet the Minimum Energy Performance Standards (MEPS) and achieve a 2-Star rating before they can be sold in Malaysia. Meanwhile, lamps are required to meet a minimum efficacy value. An energy efficiency label will be affixed on products that meet the relevant requirements.

SIRIM QAS is a recognised testing house for electrical appliances under the Energy Efficiency Labelling Programme. We have fully equipped and state-of-the-art facilities to carry out tests on a selected range of electrical products and appliances based on national and international standards. We also provide testing services to meet Energy Efficiency requirements of foreign countries.

## Why Get Certified

- Provide independent assurance of compliance to energy efficiency standards.
- Gain consumer confidence in the reliability and safety of products.
- Improve efficiency in the production process for manufacturers.
- Ease access to global markets with stringent energy efficiency requirements.

## Testing Service Process



## SIRIM QAS – Together in Powering a Sustainable Future



SIRIM QAS is a leading Conformity Assessment Body with a wealth of experience in providing testing services for local and international clients. We have been recognised by ST as a testing house for electrical products and appliances under the Energy Efficiency Labelling Programme.

We have gained accreditation and recognition from 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. Furthermore, our acceptance as the CB Testing Laboratory under the IECEE 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.

The expertise and experience of our Electrical and Electronics Testing Section further enhances the credibility of our services, positioning us as your partner for safety and energy efficiency.

### For more information, contact us at:



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