




 *“Enabling Business Enhancing Live Certification. Inspection. Testing”*

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SARAWAK & SABAH

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## INTRODUCTION

- SIRIM QAS International was established as a wholly-owned subsidiary of the SIRIM Group in March 1997.
- With SIRIM QAS International, customers enjoy all the benefits of a recognized world class certification, inspection and testing body, including:
  - A one-stop solutions provider for all their testing, inspection and certification needs
  - Greater market acceptance of products in Malaysia and abroad
  - Market access to over 37 countries around the world via the International Certification Network (IQNet)
  - Continuously updated certification schemes which put consumers and the environment first



## INTRODUCTION

### SERVICES

- Management System Certification and related services
- Product Certification
- Personnel Certification
- Product Testing
- Inspection
- Sustainability
- The National Mark of Malaysian Brand



## INTRODUCTION

### Branches

#### 1. Johor Branch

SIRIM Berhad, No.3, Jalan Teknologi 5, Taman Teknologi Johor, 81400 Senai, Johor Darul Ta'zim.

Tel: (607) 599 8364 / 599 8367

#### 2. Penang Branch

SIRIM Berhad, Lot PT483 Mukim 6, Jalan Permatang Pauh, 13500 Permatang Pauh, Pulau Pinang.

Tel: (604) 5384 260

#### 3. Sarawak Branch

SIRIM Berhad, Lot 802, Tmn Perindustrian Demak Laut, Jln Bako, Peti Surat 3292, 93764 Kuching, Sarawak,

Tel: (6082) 439048 / 439052

#### 4. Sabah Branch

SIRIM Berhad, Lot 1, No. 6, Jalan 1 KKIP Timur, Commercial Zone 2, Kota Kinabalu Industrial Park, 88460 Kota Kinabalu, Sabah

Tel: (6088) 491405 / 491415



## SIRIM LABEL: HISTORY & BACKGROUND

- It started in the early 1980
- Concern on imported products that did not meet the Malaysian Standards for safety
- At the beginning, only 4 products were regulated, namely: plug top, switch, socket outlet and lamp holder
- Currently applicable to 34 category of Regulated Electrical Equipment controlled by Suruhanjaya Tenaga



## SIRIM LABEL: HISTORY & BACKGROUND

- It is to ensure that the products imported are the products that have been granted approval for importation by Suruhanjaya Tenaga
- Ensure the products are suitable to be used in Malaysia:
  1. Tested to the relevant Malaysian Standard or equivalent international standard for safety and energy efficiency requirements
  2. Able to operate at voltage = 240V (+5% -10%) OR 230V(+10%, -6%), 50Hz
  3. Attached with plug [3-pin plug (13A) or 2-pin plug (2.5A)]; suitable for Malaysia socket-outlet
  4. Designed for tropical condition (ex: A/V products, refrigerators, fans, air coolers)



## SIRIM LABEL: HISTORY & BACKGROUND

All regulated electrical equipment approved by the Commission must be labelled or marked in accordance with regulation determined by the Suruhanjaya Tenaga as below:

Importer who has passed Consignment Test shall purchase SIRIM-ST label and affix on each of equipment.



Sample of Consignment Label

Local manufacturer and importer who have entered Product Certification Scheme (PCS) shall purchase SIRIM-ST label and affix on each of equipment.



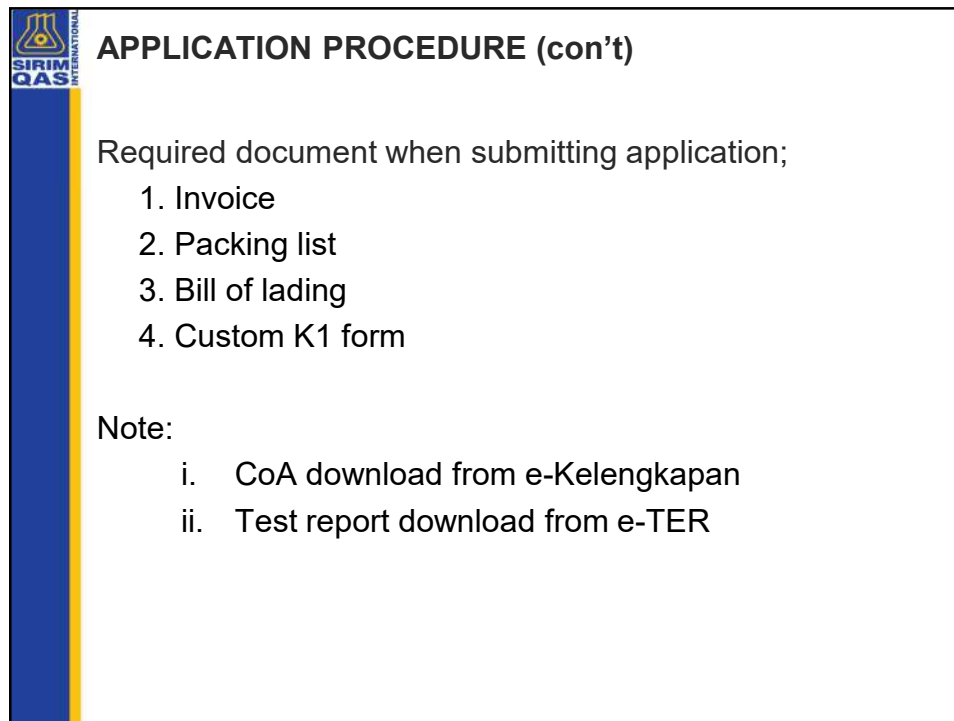
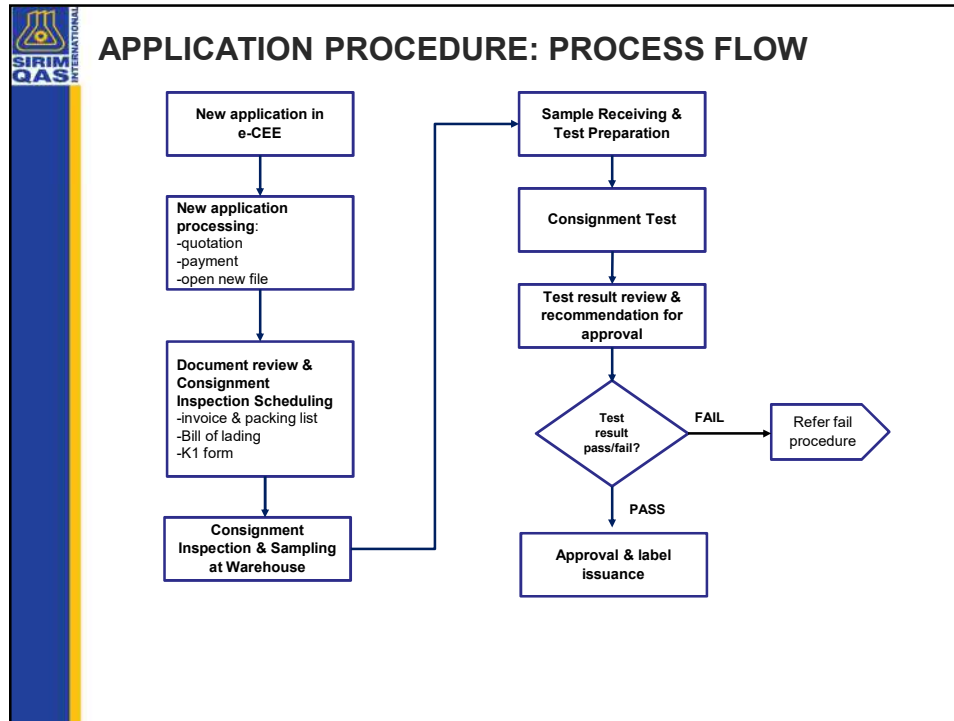
Sample of PCS label



The screenshot shows the login page for the e-CEE system. At the top left is the SIRIM QAS International logo. The title 'e-CEE' is prominently displayed, followed by the subtitle 'Online Application for Consignment Services for Electrical and Electronic Products'. Below this, there are instructions: 'If you have created your Login ID and Password, please key in your Login ID and Password here. Important! Login ID and Password that you have created is case sensitive. Register as new customer/reporter; please click on the respective link.' There are two input fields for 'User ID:' and 'Password:', followed by a blue 'LOGIN' button. Below the button is a link for 'Forgot your ID/Password?'. At the bottom, there is a link for 'Register As New Customer / Reporter' and a note: '(Only Reporters registered at Suruhanjaya Tenaga are allowed to register a new account for eCEE)'. The slide also includes the SIRIM QAS International logo and the title 'CONSIGNMENT APPROVAL' in the top left, and a vertical blue bar with a yellow stripe on the left side.

## CONSIGNMENT APPROVAL

- Importers of electrical equipment with CoA from Suruhanjaya Tenaga can apply for SIRIM label from SIRIM QAS international.
- All application must be submitted through online application system e-CEE : URL <http://e-cee.sirim.my>





## CONSIGNMENT INSPECTION


- Inspection conducted at the applicant premises to confirm correct model and quantity.
- Products checked/inspected against the submitted documents.
- Sample(s) will be randomly picked for consignment test.
- Sampling plan: 1 sample/model (every 15,000)
- Identification label(s) paste on the selected sample(s).
- The selected sample(s) sent to Consignment Laboratory for testing



## CONSIGNMENT TEST

Test include verification on;

1. Marking
2. Input power measurement
3. Dielectric strength test
4. Ground continuity test (Class I)
5. Leakage current test
6. Construction check
7. Check on critical component



## CONSIGNMENT FEES

- 1. Inspection Fee (according to location of inspection)**

Inspection : RM 200.00 + Incidental charges
- 2. Testing Fee**

RM 300.00 per model if more than one model per application  
RM 300.00 per Lot if more than one Lot\*  
RM 350.00 per model if only one model per application (quantity not exceeding 15,000)

\* One Lot is defined as 15,000
- 3. Label fee**


Information on label fee is provided in Guidance on the Price of SIRIM-ST Label (provided to client upon request).

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# PRODUCT CERTIFICATION SCHEME





## Product Certification Scheme

- **Certification Process**
- **New Application**
- **Surveillance and Renewal**
- **Application of New Models**



<http://www.sirim-qas.com.my/our-services/product-certification/product-certification-scheme>

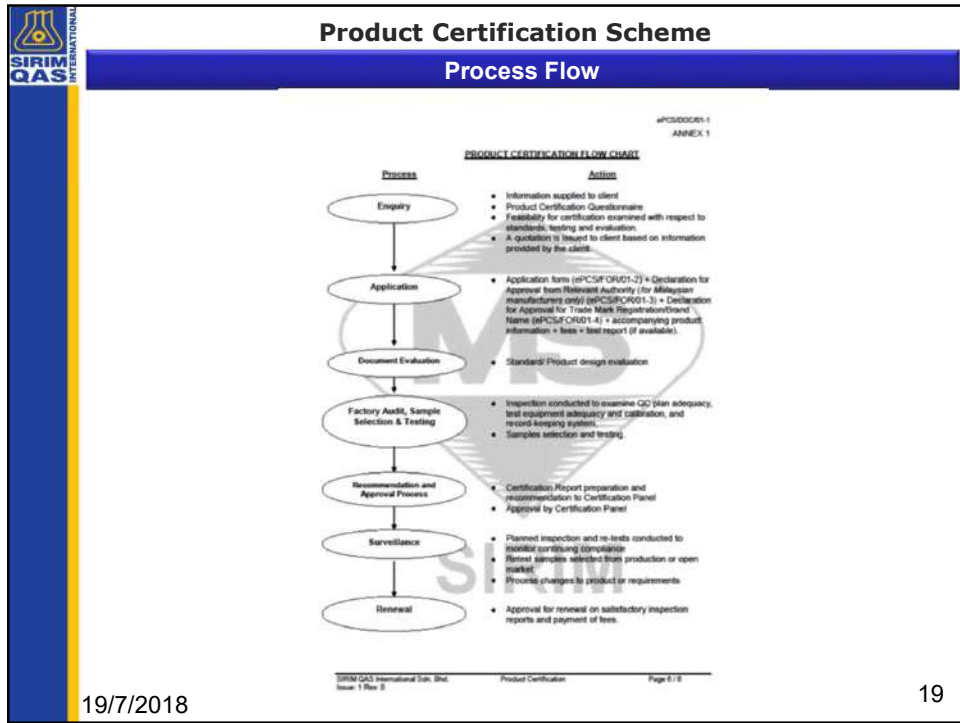
Product Certification Scheme

ABOUT US | OUR SERVICES | CONTACT US

Enabling Businesses. Enhancing Lives.  
CERTIFICATION | INSPECTION | TESTING

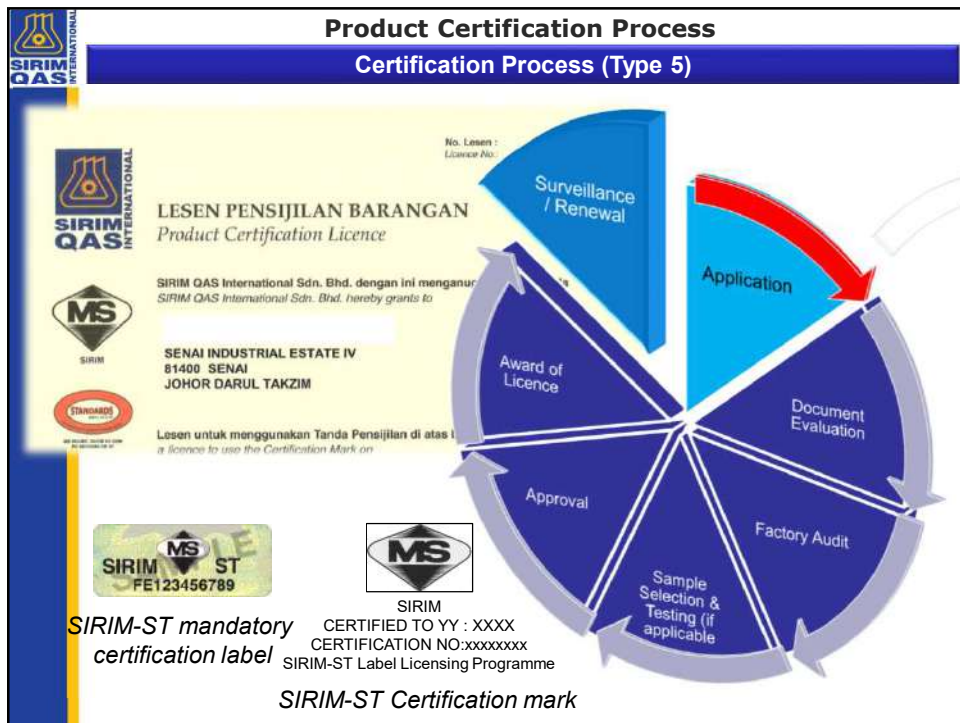
REQUEST A QUOTE

1. Brochure   384 kB <a href="#">DOWNLOAD</a>	2. Questionnaire Form   505 kB <a href="#">DOWNLOAD</a>	3. Information On Product Certification   157 kB <a href="#">DOWNLOAD</a>	4. Product Certification Agreement   257 kB <a href="#">DOWNLOAD</a>
5. Product Certification Requirement   274 kB <a href="#">DOWNLOAD</a>	6. Application For Product Certification   340 kB <a href="#">DOWNLOAD</a>	7. Application Of SIRIM Labels   140 kB <a href="#">DOWNLOAD</a>	8. Declaration Of Approval From Relevant Authority   66 kB <a href="#">DOWNLOAD</a>
9. Declaration of Approval For Trade Mark or Brand Name   120 kB <a href="#">DOWNLOAD</a>	10. Declaration By Manufacturer   70 kB <a href="#">DOWNLOAD</a>	11. Declaration of Obtaining SIRIM Licence for the Purpose of Relevant Authority Approval from Relevant Authority   14 kB <a href="#">DOWNLOAD</a>	12. Authorization Letter   108 kB <a href="#">DOWNLOAD</a>



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**Product Certification Process**

New Application


*Application and Documents Evaluation*

- Questionnaire Form (ePCS/FOR/01-1)
- Application Form (ePCS/FOR/01-2)
- Declaration of Approval from relevant authority (ePCS/FOR/01-3)\*
- Declaration of Trade Mark (ePCS/FOR/01-4)
- Declaration from Manufacturer (ePCS/FOR/01-5)\*

Note: \* - whenever applicable

<http://www.sirim-qas.com.my/>

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**Product Certification Process**

New Application

*Application and Documents Evaluation*

**Type Test Report**

- Safety
- MEPS (if applicable)

←

Laboratories accredited by national accreditation bodies e.g. DSM, HOKLAS, NATA, UKAS etc.

↓


SIRIM QAS International - EEST

→

Test Laboratory - CB Scheme

↓

Laboratories listed under ASEAN EE MRA



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**Product Certification Process**  
**New Application**

*Application and Documents Evaluation*

**Regulatory approval**

- ST Certificate of Approval
- **Communication Certificate of Conformity (if applicable)**

The slide shows two certificates. On the left is the 'Suruhanjaya Tenaga Energy Commission' ST Certificate of Approval, which includes details like license number, validity dates, and a table of approved products. On the right is the 'SIRIM QAS' Communication Certificate of Conformity, which lists the manufacturer, product details, and the date of issue.

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**Product Certification Process**  
**New Application**

*Product and Quality System Evaluation*

**Product Certification Requirements**

The diagram illustrates the 'Product and Quality System Evaluation' process. A central 'Quality Plan' is connected to several key areas: Change Management, Raw Material & Components, Routine tests, Control of Measuring Equipment, Control of Non-Conforming Product, Product Preservation, Corrective & Preventive Actions, and Control of Records. A large blue arrow labeled 'Factory Audit' points from this central system towards the right, indicating the final evaluation step.

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**Product Certification Process**  
**New Application**

**Product and Quality System Evaluation**

**Critical Component check**

**LCD Television**

- LCD panel
- Plug
- Power cord
- Power switch
- Transformer
- Power board with components
- Enclosure

**Air-Conditioner**

- Compressor
- Capacitor (Compressor)
- Indoor Fan Motor
- Outdoor Fan Motor
- Terminal block
- PCB
- Relay
- Fuse

Sample Selection & Testing (if applicable)

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**Product Certification Process**  
**New Application**

**Approval and Award of Licence**

*Product Certification Agreement*  
*Product Certification Requirements*  
*Certification Report*

No. Lesen :  
 Licence No.:

**SIRIM QAS INTERNATIONAL**  
**LESEN PENSIJILAN BARANGAN**  
*Product Certification Licence*

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada  
 SIRIM QAS International Sdn. Bhd. hereby grants to

**MS**  
 SIRIM

**SENAI INDUSTRIAL ESTATE IV**  
 81408 SENAI  
 JOHOR DARUL TAKZIM

**STANDARIS**  
 SIRIM

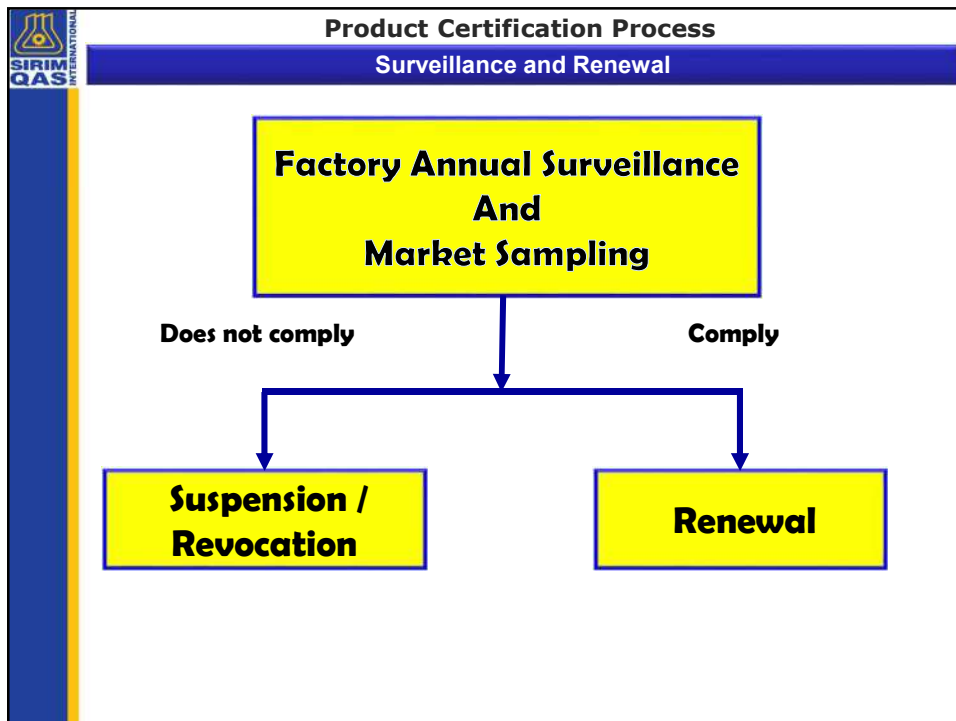
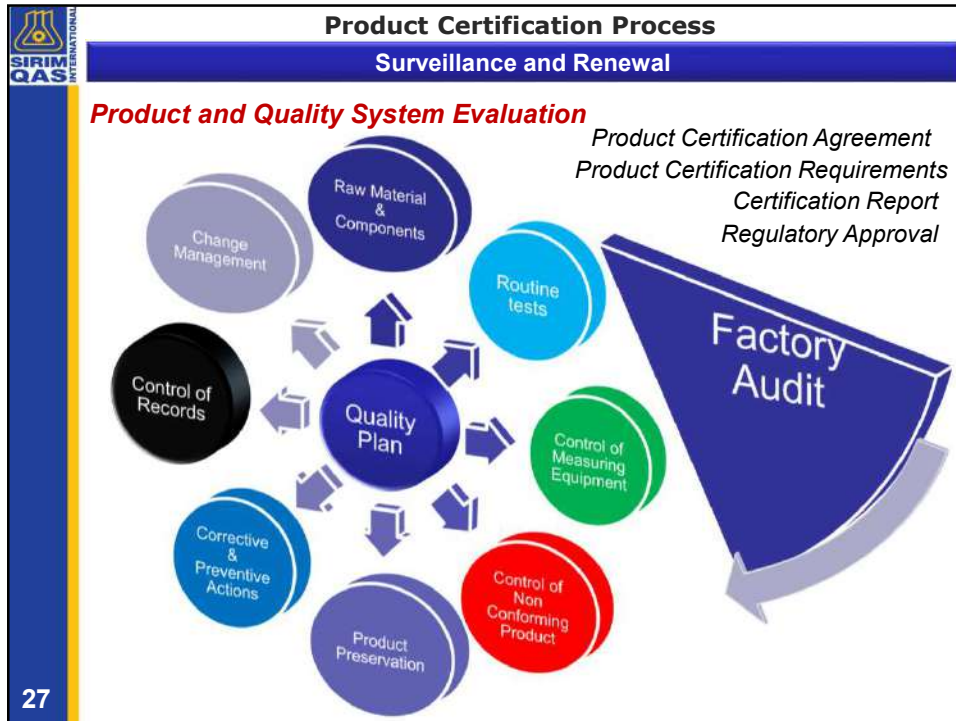
Lesen untuk menggunakan Tanda Pensijilan di atas barangan  
 a licence to use the Certification Mark on

**SIRIM MS ST**  
 FE123456789

*SIRIM-ST mandatory certification label*

**MS**  
 SIRIM  
 CERTIFIED TO YY : XXXX  
 CERTIFICATION NO.:xxxxxxx  
 SIRIM-ST Label Licensing Programme

*SIRIM-ST Certification mark*



**Product Certification Process**  
Application of New Models

**Application and Documents Evaluation**

- **Application for Change of License Particulars (ePCS/FOR/03-1)**
- **Type Test Report**
  - Safety test report
  - MEPS test report (if applicable)
- **Regulatory approval**
  - ST Certificate of Approval
  - Communication Certificate of Conformity (if applicable)

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**Product Certification Process**  
Application of New Models

**Product checking of new models**

**Critical Component check**

**Street Lighting**

- LED module
- LED Driver
- PCB Assembly
- Terminal connector
- Gasket
- Internal wiring
- Enclosure

**Rice Cooker**

- Plug top
- Power cord
- Appliance inlet
- Heating element
- Thermostat
- PCB Assembly

Sample Selection & Testing (if applicable)

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## Product Certification Process

### Application of New Models

### Approval of Models



No. Lesen :  
Licence No.:

**LESEN PENSIJILAN BARANGAN**  
*Product Certification Licence*

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada  
*SIRIM QAS International Sdn. Bhd. hereby grants to*

**SENAI INDUSTRIAL ESTATE IV**  
81400 SENAI  
JOHOR DARUL TAKZIM

Lesen untuk menggunakan Tanda Pensijilan di atas barangan  
*a licence to use the Certification Mark on*



**SIRIM-ST mandatory  
certification label**



**SIRIM  
CERTIFIED TO YY : XXXX  
CERTIFICATION NO:xxxxxxx  
SIRIM-ST Label Licensing Programme  
SIRIM-ST Certification mark**

## Product Certification Scheme

### Process Flow



**SCHEDULE OF FEES  
PRODUCT CERTIFICATION**

A. PRODUCT CERTIFICATION	
1. Application fee	RM 500 per application
2. Documentation/ Product Evaluation Report preparation	RM 1000 for 1 man-day (minimum of 1 man-day) RM 125 per additional hour
3. Factory/Site/Inspection (excluding incidental costs <sup>1</sup> )	RM 1000 for 1 man-day RM 125 per additional hour
4. Annual renewal fee	RM 500 <sup>2</sup>
5. Processing for additional models and changes to particulars of licence	RM 100 + product evaluation fees @ RM 125 per hour
B. PRODUCT LISTING	
1. Pre-application fees	RM 200 per application
2. All other fees	As per Product Certification fees (please refer to A1, A2, A3, A4 and A5)
C. BATCH CERTIFICATION	
All fees	As per Product Certification fees (please refer to A1, A2 and A3)
D. OTHER INSPECTIONS	
1. Ad-hoc, consignment, sampling, verification (excluding incidental costs <sup>1</sup> )	RM 1000 for 1 man-day RM 125 per additional hour
2. Witnessing labelling <sup>3</sup>	RM 80 per hour

**NOTE: ALL FEES ARE EXCLUSIVE OF TESTING FEES**

STAGE	FEES DUE
Upon acceptance of quotation and submission of Application form	RM 500 + evaluation fee
Upon completion of factory/site audit	Inspection fee
Upon approval of certification but prior to receipt of licence/certificate	Annual fee (RM 500)
Upon completion of surveillance audit	Audit fee
Upon renewal of licence/certificate	Annual fee (RM 500)

<sup>1</sup> incidental cost component covers travel, accommodation and living allowances, where applicable  
<sup>2</sup> The licence holder is also required to pay for the surveillance inspection fees for micro-cyclic batches only  
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THANK YOU