

STANDARDS, PRODUCTIVITY AND
INNOVATION BOARD (CONFORMITY
ASSESSMENT)

Information Booklet

2002 Edition

(version 2.0)



Designating Authority

Established under the Standards, Productivity and
Innovation Board (Conformity Assessment)
Regulations

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1 PREFACE

This Information Booklet provides guidelines to both certification bodies and testing laboratories on the following:

- (i) Designated Conformity Assessment Body [CAB (Local)] in Singapore responsible for certifying and/or testing of Controlled Goods under the Consumer Protection (Safety Requirements) Regulations 2002;
- (ii) Designated Conformity Assessment Body [CAB (Local-MRA)] in Singapore responsible for certifying and/or testing of any regulated products to the requirements of a foreign country / custom territory that has entered into Mutual Recognition Agreement or Arrangement with Singapore;
- (iii) Recognised Testing Laboratory (RTL) responsible for testing of Controlled Goods under the Consumer Protection (Safety Requirements) Regulations 2002.

Certification bodies and testing laboratories that are interested in undertaking any of the above roles are strongly advised to study and understand the requirements and criteria stipulated in this booklet before applying to SPRING Singapore, the Designating Authority.

The criteria and requirements to be a designated CAB (Local) or CAB (Local-MRA) and a RTL are based on the Standards, Productivity and Innovation Board (Conformity Assessment) Regulations 2002.

The Standards, Productivity and Innovation Board or SPRING Singapore in short (formerly known as Standards, Productivity and Innovation Board) as the Designating Authority reserves the right to amend and introduce new requirements to the aforementioned scheme without reference to the holder of this booklet and encourages feedback from readers to ensure that improvements to this booklet could be made from time to time.

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This booklet can also be downloaded from the website: www.spring.gov.sg/safety.

2 INTRODUCTION

Standards, Productivity and Innovation Board or SPRING Singapore in short (formerly known as Standards, Productivity and Innovation Board) has been appointed the Safety Authority under the Consumer Protection (Safety Requirements) Regulations 1991. The Safety Authority approves and registers consumer products designated as Controlled Goods under the Consumer Protection (Safety Requirements) Registrations Scheme.

The Consumer Protection (Safety Requirements) Regulations 1991 will be revoked and replaced by the Consumer Protection (Safety Requirements) Regulations 2002 with effect from 1st April 2002. The Safety Authority will only be registering Controlled Goods based on the Certificate of Conformity (CoC) issued by designated **Conformity Assessment Bodies (CABs)** located in **Singapore** or **countries of MRA partners**, i.e. **CABs (Local)** or **CABs (Foreign - MRA)**, respectively. Such method of certification is called Third Party Certification Scheme.

In connection with the implementation of this Third Party Certification Scheme, SPRING Singapore with the approval of the Minister for Trade and Industry, has introduced specific regulations under section 42 of the Standards, Productivity and Innovation Board Act, i.e. the Standards, Productivity and Innovation Board (Conformity Assessment) Regulations 2002. In addition, the Minister for Trade and Industry under section 6(3) of the Standards, Productivity and Innovation Board Act, assigns to SPRING Singapore the designating and accreditation functions i.e. the Standards, Productivity and Innovation Board Act (Chapter 303A) Assignment of Functions to SPRING Singapore. SPRING Singapore, as the Designating Authority, will with effect from 1 April 2002:

- Designate Conformity Assessment Bodies [**CAB (Local)**] located in Singapore to perform testing and certification of Controlled Goods under the Consumer Protection (Safety Requirements) Regulations 2002;
- Designate Conformity Assessment Bodies [**CAB (Local-MRA)**] located in Singapore to perform testing and certification of regulated products to the Mutual Recognition Agreement or Arrangement (MRA) partner's requirements;
- Recognise testing laboratories as Recognised Testing Laboratories (RTLs) to carry out testing of Controlled Goods under the Consumer Protection (Safety Requirements) Regulations 2002.

To qualify for designation and recognition, CABs and RTLs must fulfil the criteria of designation and recognition, respectively. They will be assessed by Singapore Accreditation Council (SAC) in accordance to the criteria. Information on SAC can be accessed at <http://www.sac-accreditation.org.sg/index.asp>.

SPRING Singapore, the Designating Authority, will issue Certificate of Designation to **CAB (Local)** and **CAB (Local-MRA)** and Certificate of Recognition to **RTL**. These certificates are valid for 3 years and may be renewed 6 months before the expiry date.

The Designating Authority will suspend and/or withdraw the designation of CAB (Local) or CAB (Local-MRA) or the recognition of RTL when they have contravened the terms and conditions of designation or recognition. The procedure for suspension, lifting of suspension/against withdrawal of designation or recognition is described in detail in Chapters 16.

NOTE: Definitions of CAB (Local), CAB (Local-MRA) and CAB (Foreign-MRA) can be found in Appendix A of this information booklet.

3 KEY REGULATIONS TO NOTE

- Regulation 16 (2) : A CAB whose designation has been suspended or withdrawn under Part IV shall immediately discontinue any advertisement relating to its designation, and shall not make any further advertisement or other representation as to such designation.
- Regulation 17 (4) : Where the designation of the CAB has been suspended or withdrawn, the CAB shall not issue any certificate of conformity during the period of such suspension or from the date of such withdrawal (as case may be) for the purposes of the registration of any product under the Consumer Protection (Safety Requirements) Regulations 2002 or for the purposes of the relevant MRA.
- Regulation 17 (5) : A CAB which contravenes paragraph (4) shall be guilty of an offence.
- Regulation 17 (8) : A CAB whose designation has been withdrawn shall immediately return its Certificate of Designation and any duplicate thereof to the Designating Authority for cancellation.
- Regulation 21 (2) : Where the Designating Authority or such person as the Designating Authority may authorise conducts any observation under regulation 20(2)(b), the Designating Authority may require the applicant to pay to it all reasonable costs and expenses incurred by the Designating Authority or that person in conducting the observation.
- Regulation 28 (2) : An RTL whose recognition has been suspended or withdrawn under Part VII shall immediately discontinue any advertisement relating to its recognition, and shall not make any further advertisement or other representation as to such recognition.
- Regulation 29 (6) : An RTL whose recognition has been withdrawn shall immediately return its Certificate of Recognition and any duplicate thereof to the Designating Authority for cancellation.

4 CRITERIA FOR DESIGNATION AS CAB (LOCAL) AND CAB (LOCAL-MRA)

In order to qualify as:

- (i) CAB (Local) to perform testing and/or certification for Controlled Goods to Chapter 6 – “Controlled Goods and their Applicable Safety Standards” and Chapter 7 – “Safety Authority’s requirements” of the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition; or
- (ii) CAB (Local-MRA) to perform testing and/or certification for any regulated products to MRA partner country’s requirements:

A CAB must fulfil the following criteria:

- (a) It must be a legal entity, capable of suing and being sued in Singapore, and be located in Singapore;
- (b) It must have sufficient capital and financial resources to maintain viable operations;
- (c) It must be accredited by the Singapore Accreditation Council (SAC) in accordance with the relevant ISO/IEC standards OR must be a member of the IECEE CB Scheme or the IECEE CB-FCS for testing laboratories and certification bodies respectively;

CAB can be accredited by SAC based on the following standards: -

- ISO/IEC 17025: 2005 for testing laboratories;
- ISO/IEC Guide 65: 1996 for product certification bodies.

The accreditation shall be relevant to the product types and technical regulations for which designation is sought; In addition, for application as a Designated Certification Body, the scope of designation it is applying must link up to its affiliated testing laboratory which is recognised by the Designating Authority as an Recognised Testing Laboratory (RTL) of the CPS Scheme.

- (d) It shall not operate or be related to any other business that may compromise its role as CAB (Local) or CAB (Local-MRA), so that there is no risk of the CAB conducting Conformity Assessment unfairly or with bias in the conduct of its business;
- (e) It must have the knowledge, capability and competence to perform the tests or certification to relevant requirements specified by the Designating Authority or stipulated under an MRA, which are applicable to its designation;
- (f) In the case of an application for designation as a CAB (Local-MRA) for MRA partner, all requirements under the relevant MRA have to be fulfilled.
- (g) It shall provide to the Designating Authority such other information or documents as may be required by the Designating Authority;
- (h) It shall provide the Designating Authority or any such person as the Designating Authority may authorise access to the laboratory or other premises of the CAB to enable the Designating Authority or such person to observe and assess the testing and certification procedures of the CAB.

5 CRITERIA FOR RECOGNITION AS RECOGNISED TESTING LABORATORY (RTL)

Testing Laboratory, who wishes to be recognised by SPRING Singapore as RTL to carry out testing of Controlled Goods to the applicable safety standards and the Safety Authority's requirements stipulated in Chapter 6 and Chapter 7 of the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition must fulfil the following criteria:

- (a) It is an independent testing laboratory that is a distinct legal entity in the country where its laboratory is located. This can be waived if the testing laboratory is owned by the manufacturer and does testing for its own products only. To qualify, the manufacturer must deal with products of short development cycle i.e. those products with development cycles of less than one year; (Development cycle is defined as the time it takes from product planning to the time of first product release).
- (b) If it is an independent testing laboratory, it shall satisfy the following:
 - (i) It is able to adequately finance its operation as a testing laboratory;
 - (ii) It is either accredited by SAC or its MRA partners to ISO/IEC 17025. Alternatively, membership of IECCEB CB scheme relevant to its recognition, where the product is an electrical and/or electronic products;
 - (iii) It does not carry out or otherwise have a business interest/stake/ownership to which may cause the RTL to test any product for which it is recognised in an unfair or biased manner.
- (c) If it is owned by a manufacturer, it shall either be accredited by SAC or its MRA partners to ISO/IEC 17025.
- (d) It has the knowledge, capability and competence to perform the tests for conformity to the relevant requirements as specified by the Designating Authority.
- (e) It shall provide to the Designating Authority such other information or documents as may be required by the Designating Authority.
- (f) It shall provide the Designating Authority or any such person as the Designating Authority may authorise access to the laboratory or other premises of the RTL to enable the Designating Authority or such person to observe and assess the testing procedures of the laboratory.
- (g) It sets up procedures for ensuring that its staff know and can comply with the latest Safety Authority requirements on an on-going basis.
- (h) It needs to ensure that all necessary test equipment is provided with proper characteristics and tolerances.
- (i) It sets up a procedure for maintaining proper calibration of test equipment;
- (j) Its test results will need to be certified by CAB (Local).

6 INFORMATION TO BE PROVIDED WHEN APPLYING FOR DESIGNATION

CAB who satisfies the criteria in Chapter 4 is required to submit to the Designating Authority the following when applying for designation as CAB (Local) or CAB (Local-MRA):

- (a) The completed application Form. Please see Appendix B;
- (b) A non-refundable application fee of S\$500 + GST (refer to Chapter 9 on fees charges) in cheque made payable to "STANDARDS, PRODUCTIVITY AND INNOVATION BOARD";
- (c) Documents evidencing its incorporation or registration with the Accounting and Corporate Regulatory Authority or ACRA (formerly known as Singapore Registry of Companies and Businesses or RCB);
- (d) Relevant audited financial statements for the last 3 years, including past claims on company arising from its operations if any;
- (e) Its Organisation Structure and Staffing Chart with evidence of qualifications of key personnel¹ and any other relevant information regarding integrity and professional standard;
- (f)
 - (i) Its Certificate of Accreditation by SAC , indicating the scope of accreditation and including information that the CAB has been accredited to the relevant ISO/IEC standards (ISO/IEC 17025: 2005 for testing or ISO/IEC Guide 65: 1996 for certification body); or
 - (ii) Documentary evidence of membership with the IECEE CB scheme or IECEE CB-FCS;
- (g) Its Laboratory Layout (applicable for those seeking to be Designated Testing Laboratory);
- (h) A statement setting out the testing facilities and test methods to be used for testing each particular technical regulation, standard or specification;
- (i) A sample copy of the certificate to be used by the CAB (Local) or CAB (Foreign-MRA);
- (j) Its Quality Manual, Quality Procedure, Work Instruction; and
- (k) Information on its key personnel¹, share holdings, directorship with other companies, criminal records and suspension records if any.

¹ Key personnel include Technical Managers, Quality Manager, Board Director as well as testing personnel as defined by ISO/IEC 17025.

7 INFORMATION TO BE PROVIDED WHEN APPLYING FOR RECOGNITION

Testing Laboratory who satisfies the criteria in Chapter 5 is required to provide to the Designating Authority the following when applying for recognition as RTL:

- (a) The completed application Form. Please see Appendix C;
- (b) A non-refundable application fee of S\$500 + GST (refer to Chapter 9 on fees charges) in cheque made payable to STANDARDS, PRODUCTIVITY AND INNOVATION BOARD;
- (c) Documents evidencing its incorporation;
- (d) Its Organisation Structure and Staffing Chart with evidence of qualifications of key personnel² and any other relevant information regarding its integrity and professional standard;
- (e) If it is an independent testing laboratory, evidence that it has satisfied the following:
 - (i) It is able to adequately finance its operation as a testing laboratory; Relevant audited financial statement for the last 3 years including past claims on company arising from its operations if any;
 - (ii) It is either accredited by SAC or its MRA partners for testing laboratories meeting ISO/IEC 17025: 2005. Alternatively, membership of IECEE CB scheme relevant to its recognition, where the product is an electrical and/or electronic products;
 - (iii) It does not carry out or otherwise have a business interest/stake/ownership which may cause the RTL to test any product for which it is recognised in an unfair or unbiased manner.
- (f) If it is owned by a manufacturer, it shall either be accredited by SAC or its MRA partners to ISO/IEC 17025: 2005;
- (g) Its Laboratory Layout;
- (h) A Statement setting out the testing facilities and test methods to be used for testing each particular technical regulation, standard or specification;
- (i) A sample copy of the test report;
- (j) Its Quality Manual, Quality Procedure; and
- (k) Information on its key personnel: share holdings, directorship with other companies, criminal records and suspension records if any.

² Key personnel include Technical Managers, Quality Manager, Board Director as well as testing personnel as defined by ISO/IEC 17025.

8 APPLICATION PROCEDURE

The application procedure for designation as CAB (Local) or CAB (Local-MRA) in Singapore or RTL is as follows:

- (a) An applicant submits the required documentation and application fee as specified in Chapter 6 or Chapter 7 (depending on the type of application) to the Designating Authority for processing.
- (b) The Designating Authority then evaluates the application against the criteria as specified in Chapter 4 – for application as CAB (Local) and CAB (Local-MRA) or Chapter 5 - for application as RTL. The Designating Authority will feedback to the applicant on any discrepancies found.
- (c) If the applicant fulfils all criteria, a Certificate of Designation or Certificate of Recognition (see Appendix F and G) that includes the terms and conditions will be issued to the successful applicant; In the case for applying as CAB (Local-MRA), the Certificate of Designation will only be issued when the designation is accepted by the MRA partner.
- (d) The Designating Authority then enters the successful applicant's information into the Register of Designated CABs and RTLs.

A flow chart on the application procedure for designation as CAB (Local), CAB (Local-MRA) and RTL can be found in Appendix K.

9 APPLICATION FEES

The fees to apply for designation as CAB (Local), CAB (Local-MRA) and recognition as RTL are specified below:-

<u>Fee Charges for:-</u>	<u>Fee</u>
(a) Application and Renewal of Designation as a :	
(i) Testing CAB	- S\$500 + GST*
(ii) Certification CAB	- S\$500 + GST*
(iii) Testing and Certification CAB	- S\$500 + GST*
(b) Application and Renewal of Recognition as RTL	- S\$500 + GST*
(c) Site Assessment and Surveillance Visit	- based on S\$1000 per man day per SPRING officer appointed to conduct the assessment or surveillance visit
(Documentation Review, pre-evaluation visit, pre-Award Assessment, assessment/surveillance Visit, Re-Assessment & Extension of Scope)	

- * **NOTE:** (a) All fee indicated above are subject to the goods and services tax (GST) chargeable under the Singapore's Goods and Service Tax Act (Cap. 117A). This is applicable only to jobs that are carried out in Singapore.

From 1 July 2007, the rate of GST has changed from 5% to 7%.

- (b) For RTL located outside Singapore, the payment can be made either by cheque or by Telegraphic Transfer (TT) service through a bank payable to 'SPRING Singapore'. In the case whereby payment is by TT, the applicant shall include and pay all charges for rendering TT service by the bank.

10 VALIDITY PERIOD OF DESIGNATION AND RENEWAL OF DESIGNATION

The designation as CAB (Local) or CAB (Local-MRA) or RTL shall be valid for a period of 3 years, and shall be renewed 6 months before the Certificate of Designation or Certificate of Recognition expires. A CAB or RTL whose designation or recognition has been suspended or withdrawn by the Designating Authority is NOT allowed to be renewed.

CAB (Local) or CAB (Local-MRA) or RTL who wishes to renew its designation (or renew its recognition as RTL) shall apply to the Designating Authority for renewal and shall submit the following to the Designating Authority:

- A completed Renewal Form. Please see Appendix D or E depending on the type of renewal.
- A non-refundable renewal fee of S\$500 + GST (refer to Chapter 9 for fees charges) made payable to Standards, Productivity and Innovation Board or SPRING Singapore, and
- The necessary modification such as changes in key personnel, changes in company's address or etc, if any.

If a CAB (Local) or CAB (Local-MRA) or RTL fails to renew its Certificate of Designation or Certificate of Recognition, the Designating Authority will remove the details of CAB (Local) or CAB (Local-MRA) or RTL from the register.

The decision of renewing the Designation of CAB (Local) or CAB (Local-MRA) or RTL is at the discretion of the Designating Authority.

11 COSTS AND EXPENSES TO BE BORNE BY CAB(LOCAL), CAB(LOCAL-MRA) & RTL

The Designating Authority will require CAB (Local) or CAB (Local-MRA) or RTL to bear all costs and expenses incurred by the Designating Authority or any such person in conducting the following activities:

- (a) Assessment of the CAB for purpose of Designation; or Assessment of RTL for the purpose of Recognition.
- (b) Subsequent assessments which must be conducted at least once a year;
- (c) Investigative assessments as a result of complaints filed with the Designating Authority.

12 DUTIES AND OBLIGATIONS

12.1 As a CAB (Local) and CAB (Local-MRA)

- (1) CAB (Local) and CAB (Local-MRA) shall ensure that they maintain their accreditation status with SAC. They shall also ensure that they maintain their memberships with IECEE CB Scheme or IECEE CB-FCS if their designation was granted, partly on the basis of such memberships;
- (2) CAB (Local) and CAB (Local-MRA) shall maintain such standards of practice as are necessary to carry out the testing and certification of products to the relevant requirements as specified in the terms and conditions of designation.
- (3)
 - CAB (Local) shall ensure that its testing or certification of equipment is in accordance with the procedures, rules and policies of SPRING Singapore stipulated in Chapter 6 – “Controlled Goods and their Applicable Safety Standards” and Chapter 7 – “Safety Authority’s Requirements” of the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition;
 - CAB (Local-MRA) shall maintain all criteria required for its designation under the relevant MRA.
- (4) CAB (Local) and CAB (Local-MRA) shall notify SPRING Singapore in writing of the occurrence of any of the following not later than **2 weeks** prior to the date on which it intends to effect such changes:
 - (a) The cessation of its business of conformity assessment for which it is designated;
 - (b) Changes to its shareholding;
 - (c) Changes to its organisational structure;
 - (d) Changes to its accreditation status or its IECEE CB or CB-FCS scheme membership if applicable;
 - (e) Changes in key personnel;
 - (f) Changes to its business address;
 - (g) Changes which may affect its ability to properly test or certify any product for conformity to the requirements for which it is designated;
- (5) CAB (Local) and CAB (Local-MRA) shall publish, maintain, and make available to SPRING Singapore on request:
 - (a) A list of product certifications, submission of testing, evaluation reports, certification reports and other documents or information in connection with the business of conformity assessment of the CAB relevant to its designation;
 - (b) Evidence of participation in appropriate proficiency testing programs; and
 - (c) Evidence that it has carried out all other tasks stipulated in the Terms and Conditions of Designation.

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- (6) CAB (Local) must keep and maintain a technical file as stated in Chapter 13 – Technical File. The information must be made available upon request by SPRING Singapore.
- (7) CAB (Local) and CAB (Local-MRA) shall renew its designation when the Certificate of Designation is no longer valid. Renewal must be done **6 months before expiry date** as mentioned in Chapter 10 – Validity Period of Designation and Renewal of Designation.
- (8) CAB (Local) and CAB (Local-MRA) shall immediately discontinue any advertisement relating to its designation when its status of designation has been suspended or withdrawn by SPRING Singapore as stated in Chapter 15 – Suspension or Withdrawal of Designation.
- (9) - Upon accepting a request, CAB (Local) must carry out testing or certifying of Controlled Goods to conform to the applicable safety standards and the Safety Authority's safety requirements without delay, unless CAB (Local) has good reason for not doing so. The applicable safety standards and the Safety Authority's safety requirements can be found in Chapter 6 and Chapter 7 of the information booklet titled the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition.
- Similarly for CAB (Local-MRA), it must carry out testing or certifying of any regulated products to the MRA partner country's / custom territory's requirements without delay, unless CAB (Local-MRA) has good reason for not doing so.
- (10) In the event where CAB (Local) having certified a Controlled Goods, subsequently realises that the product fails to comply with the applicable safety standards and the Safety Authority's requirements, the CAB (Local) shall immediately notify the Registered Supplier, and SPRING Singapore in writing.
- (11) CAB (Local) and CAB (Local-MRA) are to participate in proficiency testing or other appropriate comparison exercises where such exercises are technically possible and within reasonable cost. Please see Chapter 14 – Post-Designation surveillance & Post-Recognition surveillance.

12.2 As an RTL

- (1) RTL shall ensure that it maintains its accreditation status. It shall also ensure that it maintains its memberships with IECEE CB Scheme if its recognition was granted, partly on the basis of these memberships.
- (2) RTL shall ensure that its testing of equipment is in accordance with the procedures, rules and policies of SPRING Singapore stipulated in Chapter 6 and Chapter 7 of the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition.
- (3) RTL shall publish, maintain and make available to SPRING Singapore on request:
 - (a) Testing, evaluation reports and other documents or information in connection with the business of testing;
 - (b) Evidence of participation in appropriate proficiency testing programs; and

12 DUTIES AND OBLIGATIONS

- (c) Evidence that it has carried out all other tasks stipulated in the Terms and Conditions of Recognition.
- (4) RTL shall notify SPRING Singapore in writing of the occurrence of any of the following not later than **2 weeks** prior to the date on which it intends to effect such change:
 - (a) The cessation of its business of conformity assessment for which it is recognised;
 - (b) Changes to its shareholding;
 - (c) Changes to its organisational structure;
 - (d) Changes to its accreditation status or its IECEE CB scheme membership if applicable;
 - (e) Changes in key personnel;
 - (f) Changes to its business address;
 - (g) Changes which may affect its ability to properly test any product for conformity to the requirements for which it is recognised;
- (5) RTL shall maintain the standards of practice as are necessary to properly carry out the testing of products to the relevant safety requirements for which it is recognised.
- (6) The recognition as RTL is valid for a period of 3 years. RTL shall apply for renewal of recognition to SPRING Singapore **6 months before the expiry date** as stated in Chapter 10 – Validity Period of Designation and Renewal of Designation.
- (7) RTL shall immediately discontinue any advertisement relating to its recognition when its status of recognition has been suspended or withdrawn by SPRING Singapore stated in Chapter 15 – Suspension or Withdrawal of Designation or Recognition.
- (8) RTL shall participate in proficiency testing or other appropriate comparison exercises where such exercises are technically possible and within reasonable cost. Please see Chapter 14 – Post-Designation surveillance & Post-Recognition surveillance.
- (9) RTL shall subcontract the testing of controlled goods for the CPS Scheme to only testing laboratories that are recognised by SPRING Singapore.
- (10) RTL shall issue test report in the format that is acceptable to SPRING Singapore. In this case, once the status as an RTL has been granted, SPRING Singapore will advise RTL the format of the test report to be issued for the CPS Scheme.

13 TECHNICAL FILE

As a CAB (Local), it is required to keep and maintain a technical file on each and every product certified by them.

The Technical file shall be kept for a further period of 10 years after the expiry of the Certificate of Conformity. Appendix H states the list of documents to be kept as technical file.

As for CAB (Local-MRA), it may be required to keep and maintain a technical file on each and every product certified by them. The Technical File shall include such documents and information, and shall be kept for such period of time, as may be required for purposes of the relevant MRA.

The Technical File shall be made available within **7 days** to SPRING Singapore upon request.

14 POST-DESIGNATION SURVEILLANCE & POST-RECOGNITION SURVEILLANCE

As and when required, the Designating Authority may conduct surveillance assessments and other non-routine assessments on CAB (Local) and CAB (Local-MRA) and RTL. This is: -

- (i) To ensure that CAB (Local), CAB (Local-MRA) and RTL standards of practice are maintained; and
- (ii) To investigate complaints made against CAB (Local) or CAB (Local-MRA) or RTL on matter related to its designation or recognition.

The Designating Authority shall require CAB (Local), CAB (Local-MRA) and RTL to participate in proficiency testing or other appropriate comparison exercises where such exercises are technically possible and within reasonable cost.

15 SUSPENSION OR WITHDRAWAL OF DESIGNATION OR RECOGNITION

- 15.1 The Designating Authority may withdraw the designation as **CAB (Local) or CAB (Local-MRA)** and withdraw the recognition as RTL, if:
- (a) It ceases to carry on the business of conformity assessment for which it is designated; or it ceases to carry on the business of testing for which it is recognised; or
 - (b) It applies to the Designating Authority for withdrawal of its designation; or
 - (c) Its accreditation status with SAC or its membership with the relevant IECEE CB or CB-FCS scheme is withdrawn; In the case of RTL, its accreditation status with its accreditation body is withdrawn; or
 - (d) It fails or neglects to properly test or certify any product for conformity to the relevant safety standards and the Safety Authority's requirements stipulated in Chapter 6 and 7 of the Singapore Consumer Protection (Safety Requirements) Registration Scheme Information Booklet 2002 edition, for which it has been designated or recognised for; or
 - (e) It has contravened any provision stated in Chapter 12 – Duties and Obligations and any condition imposed by the Designating Authority on its designating/recognising; or
 - (f) It fails to maintain the standards required by the Designating Authority; or
 - (g) It is guilty of any offence involving fraud or dishonesty; or
 - (h) It has insufficient capital and financial resources to maintain viable operations such as bankruptcy; or
 - (i) In the case of **CAB (Local-MRA)**, it fails to fulfil the requirements stipulated in the EE MRA.
- 15.2 In the event the Designating Authority is of the view that there is cause for the withdrawal of designation as CAB (Local) or CAB (Local-MRA) or RTL, the Designating Authority will suspend the designation of the CAB and:
- (a) Notify the respective CAB or RTL in writing of the suspension and the intention of the Designating Authority to withdraw the designation of the CAB or the recognition of the RTL (See Appendix I – Notice of Suspension);
 - (b) If necessary, meet the suspended CAB (Local) or CAB (Local-MRA) or RTL to discuss any corrective measures to be undertaken by the suspended CAB / RTL;
 - (c) Disallow CAB (Local) or CAB (Local-MRA) or RTL whose designation has been suspended to continue any advertisement relating to its designation/recognition, and stop making further advertisement or other representation as to such designation/recognition;
 - (d) Disallow CAB (Local), CAB (Local-MRA) or RTL whose designation/recognition has been suspended from issuing any Certification or Test Report during the period of suspension.

15 SUSPENSION OR WITHDRAWAL OF DESIGNATION

- 15.3 Where, after suspending the designation of a CAB or the recognition of an RTL, the Designating Authority takes the view that the designation as CAB (Local) or CAB (Local-MRA) or recognition as RTL should be withdrawn, the Designating Authority will:
- (a) Notify the respective CAB/RTL of its intention in writing (See Appendix J – Notice of Withdrawal);
 - (b) Disallow CAB (Local) or CAB (Local-MRA) or RTL whose designation / recognition has been withdrawn to continue any advertisement relating to its designation/recognition, and stop making further advertisement or other representation as to such designation/recognition;
 - (c) Remove CAB (Local) or CAB (Local-MRA) whose designation has been withdrawn from the Register of designated CABs and request CAB (Local) or CAB (Local-MRA) whose designation/recognition has been withdrawn to return its Certification of Designation or Certificate of Recognition to the Designating Authority for cancellation;
 - (d) Disallow CAB (Local), CAB (Local-MRA) or RTL whose designation / recognition has been withdrawn from issuing any Certification or Test Report.

16 PROCEDURE FOR LIFTING OF SUSPENSION / AGAINST WITHDRAWAL

This procedure applies to: -

- (a) CAB (Local) and CAB (Local-MRA) whose designation has been suspended, or
- (b) RTL whose recognition has been suspended.

Upon suspension of the designation of a CAB or recognition of an RTL, the CAB or RTL will be allowed to make representations in writing to the Designating Authority within **14 days** of receipt of the notice of suspension, for the suspension of the designation of the CAB or recognition of the RTL to be lifted and that such designation or recognition not be withdrawn. The CAB (Local), CAB (Local-MRA) or RTL shall provide any documents or information together with an explanation as to why the suspension should be lifted and the designation or recognition not withdrawn.

17 ASSESSMENT BY SINGAPORE ACCREDITATION COUNCIL (SAC)

Singapore Accreditation Council (SAC), a department of SPRING Singapore from 1st April 2002, performs the accreditation function of SPRING Singapore in Singapore as assigned by the Minister for Trade and Industry under section 6(3) of the Standards, Productivity and Innovation Board Act. The SAC performs assessment of certification bodies and testing laboratories that would like to undertake the role of CAB (Local), CAB (Local-MRA) and RTL. This is to ensure that: -

- (a) The CAB (Local) or RTL recognised has the relevant technical competence to test or certify controlled goods to the safety requirements specified by the Safety Authority;
- (b) The CAB (Local-MRA) has the relevant technical competence to test or certify regulated products to the requirements of the MRA partner.

17.1 Role and Obligation of SAC

SAC will :

- (a) Assess the quality system and technical competence of CAB (Local), CAB (Local-MRA) and RTL as well as criteria for designation in Chapter 4 – “Criteria for Designation as CAB (Local) and CAB (Local-MRA)” and criteria for recognition in Chapter 5 – “Criteria for Recognition as Recognised Testing Laboratory (RTL)”, respectively;
- (b) Establish rules and procedures for the assessment activities. The rules and procedures must be approved by the Designating Authority;
- (c) Conduct regular surveillance visits to CAB (Local), CAB (Local-MRA) and RTL after designation or recognition to ensure that they maintain their technical competence; The frequency of such visits shall be at least once per year;
- (d) Report any designated CAB or recognised RTL, which does not conform or fails to maintain its competence. Such non-conformity or failure shall be reported to the Designating Authority within the next working day;
- (e) Maintain and update the list of accredited CABs. This list will be provided to the Designating Authority as and when a new CAB or RTL has been accredited and submits assessment reports and other relevant information which will assist the Designating Authority in performing its designating function and decision-making for designation. This list will be published annually in the SAC’s directory of accredited organisations and available in the SAC website at <http://www.sac-accreditation.org.sg/index.asp>.
- (f) Suspend or withdraw the accreditation of any CAB or RTL after designation / recognition if they do not conform or fail to maintain its competence; SAC shall report this within the next working day to the Designating Authority;
- (g) Ensure that it maintains its MRA status with the respective regional and international bodies, such as APLAC, ILAC and EA for testing, and PAC and IAF for certification.

17 ASSESSMENT BY SINGAPORE ACCREDITATION COUNCIL (SAC)

17.2 Criteria for Accreditation for CAB

To qualify as CAB (Local) or CAB (Local-MRA), the CAB must first be accredited by SAC in accordance with the following ISO/IEC standards: -

- (a) For Product Certification Bodies – ISO/IEC Guide 65: 1996 - General Requirements for Bodies Operating Product Certification Systems.
- (b) For Testing Laboratories – ISO/IEC 17025: 2005 – General Requirements for the Competence of Testing and Calibration Laboratories.

17.3 Criteria for Accreditation for RTL

To qualify as an RTL, the testing laboratory must first be accredited by SAC or its MRA partner in accordance with ISO/IEC 17025: 2005 – General Requirements for the Competence of Testing and Calibration Laboratories.

17.4 Submitting Certificate of Accreditation

The applicant shall submit the Certificate of Accreditation together with the other documentation stated in Chapter 6 – “Information to be provided when applying for Designation” and Chapter 7 – “Information to be provided when applying for Recognition”, respectively, to the Designating Authority for application of designation as CAB (Local) or CAB (Local-MRA) or recognition as an RTL, respectively.

17.5 Surveillance Assessment conducted by SAC

SAC will conduct regular surveillance visits to CABs and RTLs after designation or recognition to ensure that they maintain their technical competence. The frequency of such visits shall be at least once per year;

If SAC found that a CAB designated or a recognised RTL does not conform or fail to maintain its competence, SAC shall report such non-conformity or failure to the Designating Authority by the next working day.

17.6 Appeal Procedure

Any CAB or RTL may appeal to SAC if it is dissatisfied with the way the assessment was conducted. SAC will need to look into the appeal. However, if the complainant CAB or RTL is still not satisfied with the result of the appeal, it can further appeal to the Designating Authority. SPRING Singapore will be the final arbiter.

APPENDIX A

DEFINITIONS

- 1 **CAB** means Conformity Assessment Body that conducts Conformity assessment for Controlled Goods.
- 2 **COC** means Certificate of Conformity issued by either CAB (Local) or CAB (Foreign-MRA).
- 3 **CAB (Local)** means CAB that is located in Singapore and is designated by SPRING Singapore, the Designating Authority to issue COC for products or controlled goods supplied in Singapore specified in the First Schedule to the Consumer Protection (Safety Requirements) Regulations 2002.
- 4 **CAB (Local-MRA)** means CAB that is located in Singapore and is designated by SPRING Singapore, the Designating Authority to perform testing and/or certification of any regulated products supplied to the requirements of MRA partner's requirements.
- 5 **CAB (Foreign-MRA)** means CAB that is located in the MRA partner country and is designated by the Designating Authority of the MRA partner to issue COC.
- 6 **Conformity assessment** means any activity concerned with determining directly or indirectly that relevant requirements are fulfilled.
- 7 **Controlled Goods** means any goods of a type, class or description specified in the First Schedule of the Consumer Protection (Safety Requirements) Regulations 2002.
- 8 **Country** includes a customs territory.
- 9 **Designating Authority** means the Standards Productivity and Innovation Board or SPRING Singapore in short (formerly known as PSB) established under section 3 of the Standards, Productivity and Innovation Board Act.
- 10 **IEC** means the International Electrotechnical Commission.
- 11 **IECEE** means the International Electrotechnical Commission system for conformity testing and certification of Electrical Equipment.
- 12 **ISO** means the International Organisation for Standardisation.
- 13 **MRA** means a Mutual Recognition Agreement or Arrangement between Singapore and any other country/customs territory.
- 14 **Registered Supplier** manufactures/imports and supply Controlled Goods in the Singapore market.
- 15 **SAC** means Singapore Accreditation Council which is the official accreditation body in Singapore.
- 16 **Safety Authority** means the Standards Productivity and Innovation Board established under Section 3 of the Standards, Productivity and Innovation Board Act (Chapter 303A).

DEFINITIONS

- 17 **SAFETY Mark** means the SAFETY Mark specified in the Second Schedule of the Consumer Protection (Safety Requirements) Regulations 2002.
- 18 **RTL** means a Recognised Testing Laboratory that either: -
- Carries on the business of testing for conformity assessment purposes in a country/custom territory other than Singapore; or
 - Has the facilities to test for conformity assessment purposes, the products manufactured by such person or by some other person using the same brand name as the first-mentioned person.
- 19 **APLAC** means Asia Pacific Laboratory Accreditation Co-operation.
- 20 **ILAC** means International Laboratory Accreditation Co-operation.
- 21 **EA** means European Co-operation for Accreditation.
- 22 **PAC** means Pacific Accreditation Co-operation.
- 23 **IAF** means International Accreditation Forum.
- 24 **FCS** means Full Certification Scheme.



Application for Designation of Conformity Assessment Body (CAB) to Carry Out Product Testing/Certification under Consumer Protection (Safety Requirements) Registration Scheme

APPLICANT'S DATA

Notes:

1. Please submit this form to SPRING Singapore at the address given below together with the following:
 - a) Application processing fee of S\$500 + GST amount i.e. S\$535. The application will be processed and applicant will be advised on the additional fees due to SPRING Singapore based on the scope for designation;
 - b) Incorporation or other business registration documents pertaining to the CAB;
 - c) Relevant audited financial statements for the last 3 years, including past claims on CAB arising from its operations if any;
 - d) The CAB's Organisation Structure and Staffing Chart with evidence of qualifications of key personnel and any other relevant information regarding integrity and professional standing;
 - e) Certificate of Accreditation by SAC, indicating the scope of accreditation. Alternatively documentary evidence of membership with IECEE CB Scheme or IECEE CB-FCS;
 - f) The CAB's Laboratory Layout (not applicable to those applying to be a Designated Certification Body);
 - g) A Statement as to testing facilities and test methods to be used for testing each particular technical regulation, standard or specification;
 - h) A sample copy of the test report (or certificate);
 - i) The CAB's Quality Manual; and
 - j) Information on its key personnel: share holdings, directorship with other companies, criminal records and suspension records if any.

2. Payment should be made with a crossed cheque payable to "Standards, Productivity and Innovation Board". The application-processing fee is not refundable.

Applicant's Name & Address:

Contact Name & Designation:

Email:

Tel:

Fax:

Conformity Assessment Body's Name & Address

Standards(s), Specification(s) thereof for which designation is sought:
(if space is insufficient, please attach additional sheet (s))

Products

Applicable Standards

SPRING Singapore

2 Bukit Merah Central Singapore 159835

Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety

APPLICANT'S LEGAL STATEMENT

AGREEMENT: THE APPLICANT AGREES TO:

- i) Fulfil all conditions and meet all requirements in accordance with the SPRING Singapore (Conformity Assessments) Regulations 2002 for Designation as CAB (Local) or CAB (Local-MRA) to carry out product testing/certification under Consumer Protection (Safety Requirements) Registration Scheme; and
- ii) Indemnify SPRING Singapore from and against all liabilities, damages, claims, cost and expenses incurred or sustained by SPRING Singapore as a result of any action taken by SPRING Singapore relating to the designation as CAB (Local) or CAB (Local-MRA).

Signature:

Name:

Designation:

Date:

SPRING Singapore

2 Bukit Merah Central Singapore 159835

Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety

2 of 2



Application for Recognition as Recognised Testing Laboratory (RTL) to Carry Out Product Testing under Consumer Protection (Safety Requirements) Registration Scheme

APPLICANT'S DATA

Notes:

- 1. Please submit this form to SPRING Singapore at the address given below together with the following:
 - a) Application processing fee of S\$500 + GST amount i.e. S\$535. The application will be processed and applicant will be advised on the additional fees due to SPRING Singapore based on the scope for recognition;
 - b) The RTL's Organisation Structure and Staffing Chart with evidence of qualifications of key personnel and any other relevant information regarding integrity and professional standing;
 - c) Certificate of Accreditation by SAC or its MRA partners, indicating the scope of accreditation. Alternatively documentary evidence of membership with IECEE CB Scheme;
 - f) The RTL's Laboratory Layout;
 - g) A Statement as to testing facilities and test methods to be used for testing each particular technical regulation, standard or specification;
 - h) A sample copy of the test report;
 - i) The RTL's Quality Manual; and
 - j) Information on its key personnel: share holdings, directorship with other companies, criminal records and suspension records if any.
- 2. Payment should be made with a crossed cheque payable to "Standards, Productivity and Innovation Board". The application-processing fee is not refundable.

Applicant's Name & Address:

Contact Name & Designation:

Email:

Tel:

Fax:

Recognised Testing Laboratory's Name & Address

Standards(s), Specification(s) thereof for which designation is sought:
(if space is insufficient, please attach additional sheet (s))

Products

Applicable Standards

SPRING Singapore

2 Bukit Merah Central Singapore 159835

Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety

APPLICANT'S LEGAL STATEMENT

AGREEMENT: THE APPLICANT AGREES TO:

- i) Fulfil all conditions and meet all requirements in accordance with the SPRING Singapore (Conformity Assessments) Regulations 2002 for Designation as CAB (Local) or CAB (Local-MRA) to carry out product testing/certification under Consumer Protection (Safety Requirements) Registration Scheme; and
- ii) Indemnify SPRING Singapore from and against all liabilities, damages, claims, cost and expenses incurred or sustained by SPRING Singapore as a result of any action taken by SPRING Singapore relating to the designation as CAB (Local) or CAB (Local-MRA).

Signature:

Name:

Designation:

Date:

SPRING Singapore

2 Bukit Merah Central Singapore 159835

Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety

2 of 2



Application for Renewal of Designation as Designated Conformity Assessment Body (CAB) under Consumer Protection (Safety Requirements) Registration Scheme

APPLICANT'S DATA

Notes:

- 1. Please submit this form to SPRING Singapore at the address given below together with the following:
 - a) Renewal fee of S\$500 + GST amount i.e. S\$535. The application of renewal will be processed and applicant will be advised on the additional fees due to SPRING Singapore based on the scope for designation;
 - b) Any other documentation if there are any changes in the information submitted earlier at the time of application for designation as CAB (Local) or CAB (Local-MRA).
- 2. Payment should be made with a crossed cheque payable to "Standards, Productivity and Innovation Board". The application-processing fee is not refundable.

Conformity Assessment Body's Name & Address

Certificate of Designation (Certificate No):

Contact Name & Designation:

Email:

Tel:

Fax:

Information on any modification to be submitted for renewal:

APPLICANT'S LEGAL STATEMENT

AGREEMENT: THE APPLICANT AGREES TO:

- i) Fulfil all conditions and meet all requirements in accordance with the SPRING Singapore (Conformity Assessments) Regulations 2002 for Designation as CAB (Local) or CAB (Local-MRA) to carry out product testing/certification under Consumer Protection (Safety Requirements) Registration Scheme; and
- ii) Indemnify SPRING Singapore from and against all liabilities, damages, claims, cost and expenses incurred or sustained by SPRING Singapore as a result of any action taken by SPRING Singapore relating to the designation as CAB (Local) or CAB (Local-MRA).
- ii) That the decision on renewal is at the discretion of the Designating Authority.

Signature:

Name:

Designation:

Date:

SPRING Singapore
 2 Bukit Merah Central Singapore 159835
 Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety



Application for Renewal of Recognition as Recognised Testing Laboratory (RTL) under Consumer Protection (Safety Requirements) Registration Scheme

APPLICANT'S DATA

Notes:

1. Please submit this form to SPRING Singapore at the address given below together with the following:
 - a) Renewal fee of S\$500 + GST amount i.e. S\$535. The application of renewal will be processed and applicant will be advised on the additional fees due to SPRING Singapore based on the scope for designation;
 - b) Any other documentation if there are any changes in the information submitted earlier at the time of application for recognition as RTL.
2. Payment should be made with a crossed cheque payable to "Standards, Productivity and Innovation Board". The application-processing fee is not refundable.

Recognised Testing Laboratory's Name & Address

Certificate of Recognition (Certificate No):

Contact Name & Designation:

Email:

Tel:

Fax:

Information on any modification to be submitted for renewal:

APPLICANT'S LEGAL STATEMENT

AGREEMENT: THE APPLICANT AGREES TO:

- i) Fulfil all conditions and meet all requirements in accordance with the SPRING Singapore (Conformity Assessments) Regulations 2002 for recognition as RTL to carry out product testing under Consumer Protection (Safety Requirements) Registration Scheme; and
- ii) Indemnify SPRING Singapore from and against all liabilities, damages, claims, cost and expenses incurred or sustained by SPRING Singapore as a result of any action taken by SPRING Singapore relating to the recognition as RTL.
- ii) That the decision on renewal is at the discretion of the Designating Authority.

Signature:

Name:

Designation:

Date:

SPRING Singapore
 2 Bukit Merah Central Singapore 159835
 Tel : 1800-773 3163 Fax : 6278 9885 Website : www.spring.gov.sg/safety

Designation Scheme for CAB (Local) / CAB (Local-MRA)

CERTIFICATE OF DESIGNATION

Certificate No :

Date of Issue :

Date of Expiry :

This is to certify that the Standards, Productivity and Innovation Board or SPRING Singapore in short has under the Designation Scheme for CAB designated by SPRING Singapore, described below, to carry out product certification activities specified in the attached Annex subject to the terms and conditions specified therein.

CAB DESCRIPTION

Name of CAB :

Address of CAB :

CAB Identification :

Officer's name
for Designating Authority

Annex to Certificate No:



Scope of Designation			
Equipment	Technical Regulations	Accredited by SAC or member of IECEE CB/FCS Scheme	Designated Date

SPECIMEN

Terms & Conditions of Designation for CAB (Local) / CAB (Local-MRA)

Obligations of the CAB (Local) / CAB (Local-MRA)

- 1 CAB (Local) / CAB (Local-MRA) shall ensure that it maintains its accreditation status with SAC. It shall also ensure that it maintains its memberships with IECEE CB Scheme and IECEE CB-FCS if its designation was granted, partly on the basis of these memberships.
- 2 CAB (Local) / CAB (Local-MRA) shall ensure that its testing or certification of equipment is in accordance with the procedures, rules and policies of SPRING Singapore.

The duties of CAB (Local) shall include publishing, maintaining, and making available to SPRING Singapore on request:

- (a) A list of product certifications, submission of testing/evaluation/certification reports and other information (such as circuit diagram, photographs in technical file);
 - (b) Evidence of participation in appropriate proficiency testing programs; and
 - (c) Evidence that it carries out all other tasks stipulated in the Terms and Conditions of Designation.
- 4 CAB (Local) must keep technical files on each and every Conformity Assessment Certification done by it and make such information available on request by SPRING Singapore. The files shall be kept for a further period of 10 years after the expiry of the Certificate of Conformity.

CAB (Local-MRA) may be required to keep and maintain a technical file on each and every product certified by them. The Technical File shall include such documents and information, and shall be kept for such period of time, as may be required for the purposes of the relevant MRA.

- 5 In the event CAB (Local) having certified a controlled good, subsequently realises that the product fails to comply with the applicable technical regulations, the CAB (Local) shall immediately notify the Registered Supplier, and SPRING Singapore in writing.
- 6 CAB (Local) shall notify SPRING Singapore of any of the following no later than 2 weeks prior to the date on which it intends to effect such change:
 - (a) Changes in its legal, commercial, organisation or accreditation status;
 - (b) Changes in key personnel;
 - (c) Changes to its business address;
 - (d) Changes, which may affect continuing compliance with any of the criteria or requirements, specified by SPRING Singapore or the relevant MRA partner

- 7 The designation of CAB (Local) / CAB (Local-MRA) is valid for a period of 3 years. CAB (Local) / CAB (Local-MRA) shall apply for renewal of designation to SPRING Singapore 6 months before the expiry date.

8 Reference to Designation Status

- (a) CAB (Local) / CAB (Local-MRA) may advertise its designation status with regard to standards or parts thereof which are included in the scope of designation. The scope of designation is specified in the Certificate of Designation.

Annex to Certificate No:



- (b) The advertisement must not imply or otherwise suggest SPRING Singapore's approval of a product or imply that the CAB (Local) / CAB (Local-MRA) is an agent or representative of SPRING Singapore.
- (c) CAB (Local) / CAB (Local-MRA) whose designation has been suspended or withdrawn for any reason shall discontinue advertisement of its designation status and not make any misleading statements regarding its designation status.

9 *Post-designation Surveillance*

- (a) As and when required, SPRING Singapore will conduct surveillance assessments and other non-routine assessments on the CAB (Local) / CAB (Local-MRA) to ensure that its standard of practice is maintained or to investigate complaints made against CAB (Local) / CAB (Local-MRA) on matter related to its designation.
- (b) SPRING Singapore shall require CAB (Local) / CAB (Local-MRA) to participate in proficiency testing or other appropriate comparison exercises where such exercises are technically possible and within reasonable cost.

10 *Withdrawal of Designation*

- (a) SPRING Singapore will suspend or withdraw the designation of a CAB (Local) / CAB (Local-MRA) if :
 - (i) The CAB (Local) / CAB (Local-MRA)'s membership with IECEE-CB or accreditation with SAC is withdrawn;
 - (ii) It is found that the CAB (Local) / CAB (Local-MRA) is not complying with the criteria or requirements of this procedure, or with the requirements that it was authorised to; or
 - (iii) SPRING Singapore determines there is a just cause for withdrawing the designation.
- (b) A CAB whose designation has been suspended will be issued a notice of suspension by SPRING Singapore and if necessary, SPRING Singapore will meet the suspended CAB (Local) or CAB (Local-MRA) to discuss any corrective measures to be undertaken by the suspended CAB. Where SPRING Singapore is of the view that the designation should be withdrawn, SPRING Singapore will issue notice of withdrawal to the suspended CAB and request it to return the designation certificate to SPRING Singapore.
- (c) A CAB whose designation has been withdrawn is not allowed to continue any advertisement relating to its designation and not allowed to issue any certification.

- End -

Recognition Scheme for Recognised Testing Laboratory (RTL)
CERTIFICATE OF RECOGNITION

Certificate No :

Date of Issue :

Date of Expiry :

This is to certify that the Standards Productivity and Innovation Board or SPRING Singapore in short has under the Recognition Scheme for Testing Laboratory recognised as an RTL, recognised the testing laboratory described below, to carry out product testing activities specified in the attached Annex subject to the terms and conditions specified therein.

RTL DESCRIPTION

Name of RTL :

Address of RTL :

Officer's name
for Designating Authority
Standards Productivity and Innovation Board

Annex to Certificate No:

Scope of Recognition			
Equipment	Technical Regulations	Accredited by SAC or accreditation body that signed MRA with SAC or member of IECEE CB Scheme	Recognised Date
<p style="font-size: 48px; opacity: 0.3; transform: rotate(-15deg);">SPECIMEN</p>			

Annex to Certificate No:



Terms & Conditions of Recognition as RTL

Obligations of RTL

- 1 RTL shall ensure that it maintains its accreditation status with SAC or its MRA partners. It shall also ensure that it maintains its memberships with IECEE CB Scheme if its recognition was granted, partly on the basis of these memberships.
- 2 RTL shall ensure that its testing of equipment is in accordance with the procedures, rules and policies of SPRING Singapore.
- 3 The duties of RTL shall include publishing, maintaining, and making available to SPRING Singapore on request:
 - (a) Testing/evaluation reports and other information in connection with the business of testing;
 - (b) Evidence of participation in appropriate proficiency testing programs; and
 - (c) Evidence that it carries out all other tasks stipulated in the Terms and Conditions of Recognition.
- 4 RTL shall notify SPRING Singapore in writing of any of the following no later than 2 weeks prior to the date on which it intends to effect such change:
 - (a) Changes in its legal, commercial, organisation or accreditation status;
 - (b) Changes in key personnel;
 - (c) Changes to its business address;
 - (d) Changes, which may affect its ability to properly test any product for conformity to the requirements for which it is recognised.
- 5 RTL shall maintain the standards of practice as are necessary to properly carry out the testing of products to the relevant safety requirements for which it is recognised.
- 6 The recognition of RTL is valid for a period of 3 years. RTL shall apply for renewal of recognition to SPRING Singapore 6 months before the expiry date.
- 7 Reference to Recognition Status
 - (a) RTL may advertise its recognition status with regard to standards or parts thereof which are included in the scope of recognition. The scope of recognition is specified in the Certificate of recognition.
 - (b) The advertisement must not imply or otherwise suggest SPRING Singapore's approval of a product or imply that the RTL is an agent or representative of SPRING Singapore.

APPENDIX H

TECHNICAL FILE TO BE MAINTAINED BY CAB (LOCAL)

List of documents in technical file to be maintained by CAB (Local) are as follow :

No	Type of Document	Remarks
1	Certificate of Conformity or equivalent (in English version <u>only</u>)	
2	Test Reports (in English version <u>only</u>)	
3	Full Electrical Wiring / Circuit Diagrams or Service Manual	Circuit diagrams must indicate the component's values, or alternatively, be supported with Bill of Material/Part List.
4	Photographs showing exterior (whole, front, top and rear view of controlled goods, nameplate, rating label, mains plug, etc.) and interior (critical safety components) views. Polaroid photographs as well as photocopies (in black and white) are <u>not</u> acceptable. Photographs for similar/derived models must also be kept together with the photographs of the basic model.	
5	Rating Label (if it is not clear in the photograph) To provide an original or clear photograph or artwork	
6	User Instruction Manual (English version must be included)	Need only to file the mandatory safety instruction(s) as required by technical regulations, if applicable.
7	Record of Modification, if any	

APPENDIX I

Notice No. :
Date of issue :

Person in-charge
Position holding

CAB's/RTL's Name
Company Address
Postal code

Dear [*Salutation*]

FAX & AR REGISTERED

NOTICE OF SUSPENSION

At our recent [*post-designation / post-recognition*] surveillance exercise conducted on [*to specify date*], we have found that [*to specify CAB's / RTL's name here*] has [*to specify offence CAB / RTL has committed & description of Controlled Goods*].

Take note that this is a contravention of [*to specify provision of the Regulations*] of the Standards, Productivity and Innovation Board (Conformity Assessment) Regulations 2002 (PSB Regulations).

By reason of the contravention of the above [*Regulation / Regulations*], the Designating Authority has decided to suspend the designation of [*to specify the CAB's / RTL's name*] as [*the Conformity Assessment Body (CAB) designated / the Recognised Testing Laboratory (RTL)*] to perform conformity assessment, with effect from [*to specify date of issue*].

We wish to draw your attention to the following provisions of the Regulations, which you are required to comply with, from the effective date of suspension: -

- (a) Regulation [*to specify the specific regulation*] provides that “[*extract of the regulations*]”;
and
- (b) Regulation [*to specify the specific regulation*] provides that “[*extract of the regulations*]”.

We will reconsider restoring the status of designation if you furnish us within 14 days of the receipt of this notice, with satisfactory reasons supported by documents, if applicable, for the failure to comply with the aforementioned regulations. However, any restoration of designation shall be at the discretion of the Designating Authority whose decision shall be final and you will be informed of the final decision in due course.

Please contact [*to specify officer's name*] at DID: [*to specify officer's contact no.*] or email: [*officer's email address*], if you need further clarification or assistance.

Yours faithfully

[*Officer's name*]
for Designating Authority

APPENDIX J

Notice No. :
Date of issue :

*Person in-charge
Position holding*

*CAB's/RTL's Name
Company Address
Postal code*

FAX & AR REGISTERED

Dear [*Salutation*]

NOTICE OF WITHDRAWAL

We refer to the Notice of Suspension [*to specify notice no.*] dated [*to specify date of notice issued*].

Having considered your explanations and the documentation, we have decided to withdraw the [*designation / recognition*] of [*to specify the CAB's / RTL's name*] as the [*Conformity Assessment Body designated / Recognised Testing Laboratory*] to perform conformity assessment with immediate effect.

As provided in Regulation [*to specify provision of the regulation here*] of SPRING Singapore (Conformity Assessment) Regulations 2002, from the effective date of withdrawal, you are required to arrange to return the Certificate of Designation [*to state Certificate no here*] and any duplicate thereof to us immediately for cancellation at the following address: -

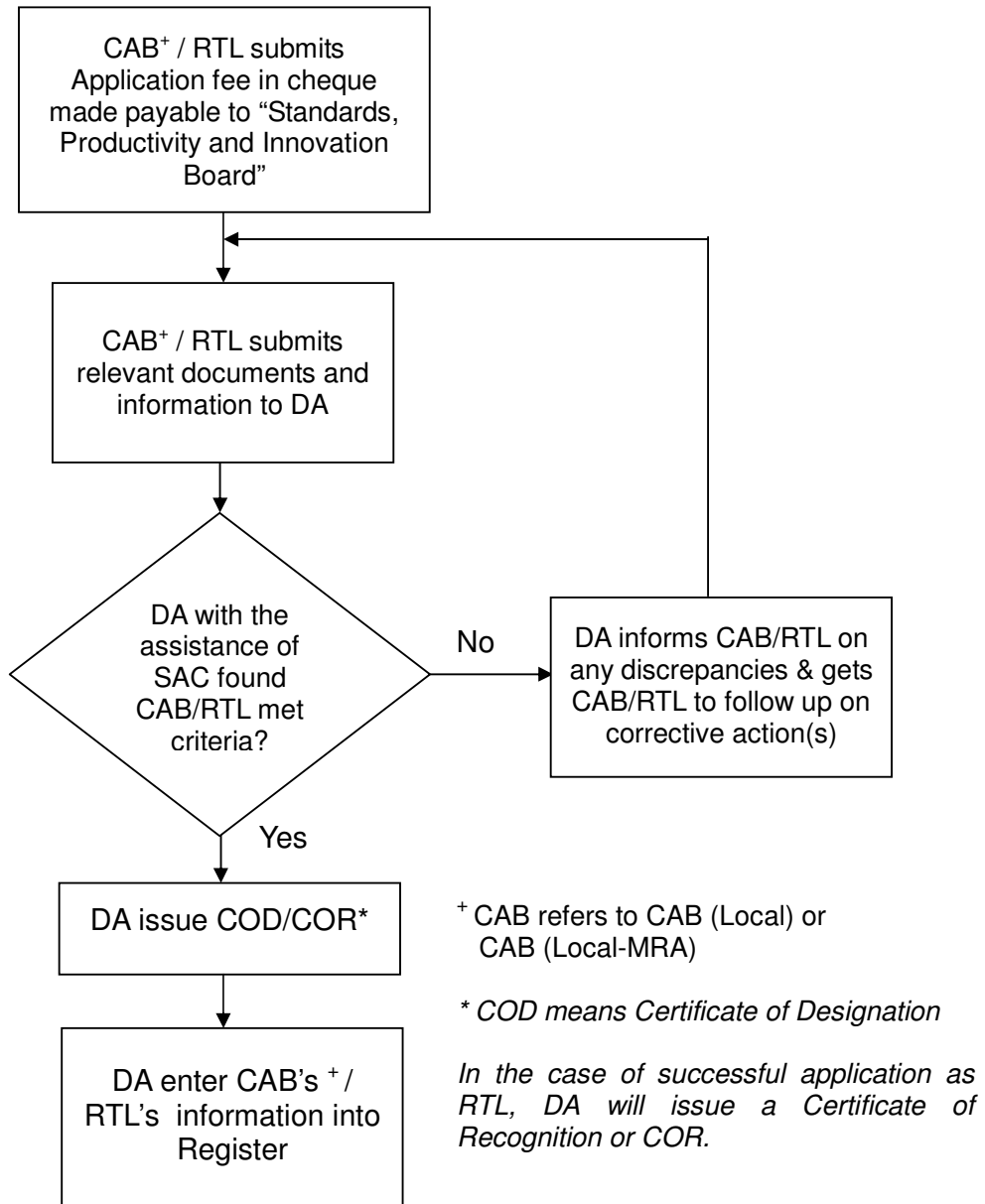
SPRING Singapore
Consumer Product Safety Department
2 Bukit Merah Central
Podium Block
5th Storey
Singapore 159835
Tel: 6 279 1834 Fax: 6 278 9885

Please contact [*officer's name*] at [*officer's contact no*] or email [*officer's email*], if you need further clarification or assistance.

Yours faithfully

[*Officer's name*]
for Designating Authority

FLOW CHART ON APPLICATION PROCEDURE OF DESIGNATION / RECOGNITION



APPENDIX L – CONFORMITY ASSESSMENT BODIES (LOCAL-MRA)

(A) DESIGNATION UNDER THE AGREEMENT BETWEEN JAPAN AND THE REPUBLIC OF SINGAPORE FOR A NEW-AGE ECONOMIC PARTNERSHIP (JSEPA)

The Conformity Assessment Body indicated below is registered under the Sectoral Annex on Electrical Products of the JSEPA, to conduct certification and issue International Certification for Japan for products and conformity assessment procedures as tabulated below:-

Name of Registered CAB	Contact Address / Person		
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	Mr Desmond Soh Product Manager, Certification Tel: (65) 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg		
Date of Registration by Joint Committee (JC)	Since 27 February 2004		
Scope of Designation	No	Type Classification	Type Classification (in Japanese)
Item 1 to 3 were granted since 27 Feb 2004	1	Cable and Cords	電線
	2	Electric Heating Appliances	電熱器具
	3	Electric Motor-operated or Magnetically Driven Appliances	電動力応用機械器具
Item 4 to 6 were granted on 16 Feb 2006	4	Fuses	ヒューズ
	5	Wiring Devices	配線器具
	6	Single-phase Small Power Transformer and discharge lamp	小形单相変圧器及び放電灯用安定器
Item 7 was granted on 4 April 2007	7	Other AC Electric Appliances	交流用電気機械器具

Note: This list will be updated from time to time and is available on SPRING's website: www.spring.gov.sg/safety and the Japan's Ministry of Economy of Trade and Industry (METI)'s website: www.meti.go.jp/english/policy/denan/procedure/07.htm

(B) DESIGNATION UNDER THE MUTUAL RECOGNITION AGREEMENT ON CONFORMITY ASSESSMENT BETWEEN THE GOVERNMENT OF AUSTRALIA AND THE GOVERNMENT OF THE REPUBLIC OF SINGAPORE (A-S MRA)

(I) The Conformity Assessment Body (CAB) indicated below is designated for Australia to conduct testing and certification for Prescribed Equipment to the mandatory requirements:-

Name of Designated CAB	Contact Address / Person		
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	<table border="0"> <tr> <td><u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg</td> <td><u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification and Inspection Services Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg</td> </tr> </table>	<u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg	<u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification and Inspection Services Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg
<u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg	<u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification and Inspection Services Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg		
Date of Designation	Scope of Designation for Australia		
Since 21 June 2004	Testing Laboratory <ul style="list-style-type: none"> ▪ Table A for EE products under Safety Testing ▪ Table B for EE products under Energy Efficiency Testing ▪ Table C for EE products under the EMC Testing 		
Since 10 March 2006	Conformity Assessment Body <ul style="list-style-type: none"> ▪ Table A for EE products under certification to the Safety Requirements 		

A - SAFETY

No	Scope of Designation	No	Scope of Designation
1	Battery charger – Automotive Type AS/NZS 3350.2.29	2	Luminaire – Portable type AS/NZS 60598.2.4 AS/NZS 60598.2.8 AS/NZS 60598.2.10 AS/NZS 60598.2.23 AS/NZS 3128 AS/NZS 60065
3	Battery charger – General Type AS/NZS 3350.2.29 AS/NZS 3108 AS/NZS 3250 AS/NZS 60065 AS/NZS 3260 AS/NZS 60950	4	Massage appliance AS/NZS 3350.2.32
5	Bread Toaster / Bread Maker AS/NZS 3350.2.9	6	Microwave oven AS/NZS 3350.2.25
7	Clothes dryer AS/NZS 3350.2.11 AS/NZS 3350.2.43	8	Miniature over-current circuit breaker AS 3111
9	Cooking appliance – Portable Type AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13	10	Range AS/NZS 3350.2.6
11	Decorative lighting outfit AS/NZS 60598.2.20	12	Range hood AS/NZS 3350.2.31
13	Dishwashing machine AS/NZS 3350.2.5	14	Razor / Hair clipper AS/NZS 3350.2.8
15	Extra-low voltage power supply unit AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61558 series	16	Refrigerating appliance AS/NZS 3350.2.24
17	Fan AS/NZS 3350.2.80	18	Residual current device AS/NZS 3175.1 AS 3190
19	Fluorescent lamp ballast AS/NZS 60928 AS 3168	20	Room heater AS/NZS 3350.2.30

A - SAFETY

No	Scope of Designation		No	Scope of Designation	
21	Fluorescent lamp starter	AS 3138 AS/NZS 60155	22	Sewing machine	AS/NZS 3350.2.28
23	Hair care appliance	AS/NZS 3350.2.23	24	Soldering iron	AS/NZS 3350.2.45
25	Immersion heater	AS/NZS 3350.2.73 AS/NZS 3350.2.74 AS/NZS 3350.2.55	26	Television receiver	AS/NZS 60065
27	Insect electrocutor	AS/NZS 3350.2.59	28	Therapeutic lamp	AS/NZS 3350.2.27
29	Inspection handlamp	AS/NZS 60598.2.8	30	Vacuum cleaner	AS/NZS 3350.2.2
31	Iron	AS/NZS 3350.2.3	32	Washing machine	AS/NZS 3350.2.7
33	Kitchen Machine	AS/NZS 3350.2.14	34	Water heater	AS/NZS 3350.2.21 AS/NZS 3350.2.35
35	Liquid heating appliance	AS/NZS 3350.2.15 AS/NZS 3350.2.98			

B – ENERGY EFFICIENCY

No	Scope of Designation	
1	Ballast for Fluorescent Lamps	AS/NZS 4783: Part 1 AS/NZS 4783: Part 2

C - EMC

No	Scope of Designation		No	Scope of Designation	
1	ISM equipment	AS/NZS 4783: Part 1 AS/NZS 4783: Part 2	2	Audio, video, audiovisual and entertainment lighting control apparatus for professional use	EN 55103-1
3	TV receivers and audio equipment	EN 55013, AZ/NZS 1053 CISPR 13	4	Switches for household and similar fixed-electrical installations - electronic switches - remote control switches - time-delay switches	EN 60669-2-1 IEC 60669-2-1 EN 60669-2-2 IEC 60669-2-2 EN 60669-2-3 IEC 60669-2-3
5	Electrical motor-operated & thermal appliances, electric tools & similar apparatus	EN 55014-1 AS/NZS 1044 CISPR 14-1	6	Low voltage switchgear and controlgear	EN 60947-1 IEC 60947-1
7	Electrical lighting and similar equipment	EN 55015, AS/NZS 4051 CISPR 15	8	Low voltage switchgear and controlgear • Circuit-breaker • Switches, disconnectors, switch disconnectors and fuse combination units) • Contactors and motor-starters – electromechanical contactors and motor-starters • AC semiconductor motor controllers and starters • Control circuit devices and switching elements • Proximity switches • Automatic transfer switching equipment • Control and protective switching devices	EN 60947-2 IEC 60947-2 EN 60947-3 IEC 60947-3 EN 60947-4-1 IEC 60947-4-1 EN 60947-4-2 IEC 60947-4-2 EN 60947-5-1 IEC 60947-5-1 EN 60947-5-2 IEC 60947-5-2 EN 60947-6-1 IEC 60947-6-1 EN 60947-6-2 IEC 60947-6-2

C - EMC

No	Scope of Designation		No	Scope of Designation	
9	Information Technology	EN 55022 AS/NZS 3548 CISPR 22	10	Alternating current static watt-hour meters for active energy (classes 1 and 2)	EN 61036 IEC 61036
11	Generic - Residential, commercial and light industry - Industrial environments	EN 50081.1 AS/NZS 4251.1 IEC 61000-6-3 EN 50081.2 AS/NZS 4251.2 IEC 61000-6-4	12	Alternating current static watt-hour meters for active energy (classes 0,2S and 0,5S)	EN 60687 IEC 60687
13	Uninterruptible power systems (UPS)	EN 50091-2 AS 62040.2 IEC 62040-2	14	Electrical equipment for measurement, control and laboratory use	EN 61326 IEC 61326
15	Electronic taximeters	EN 50148	16	Residual current-operated protective devices (RCDs) for household and similar use	EN 61543 IEC 61543
17	Control circuit devices and switching elements proximity sensors, direct current interface for proximity sensors and switching amplifiers	EN 50227			

Note: This list will be updated from time to time and is available on the website: www.spring.gov.sg/safety

(II) **The Conformity Assessment Body (CAB) indicated below is designated for Australia to conduct testing for Prescribed Equipment to the mandatory requirements:-**

No	Name of Designated Testing Labs	Address & Contact Person			
A	Singapore Electrical Testing Services (Clipsal International Pte Ltd) 97 Pioneer Road Singapore 639579 website: www.sets.com.sg (Designated since 4 February 2008)	Mr Wong Chee Kian Laboratory Manager Tel: 65 6861 9118 Fax: (65) 6863 2760 Email: Chee-Kian.Wong@sets.com.sg			
Scope of Designation for Australia					
1	Cord Extension Socket	AS/NZS 3120	2	Cord-Line Switch	AS/NZS 3127
3	Socket-Outlet	AS/NZS 3112	4	Wall Switch	AS 3133
5	Plug	AS/NZS 3112			
No	Name of Designated Testing Labs	Address & Contact Person			
B	LabOne Singapore Pte Ltd No 13 International Business Park LabOne Building Singapore 609932 Website: www.labone.com.sg (Designated since 16 November 2007)	Ms Eileen Hooi Quality Manager Tel: (+65) 6568 8836 Fax: (+65) 6560 0100 Email: eileenhooi@labone.com.sg			
Scope of Designation for Australia					
1	Information Technology	AS/NZS CISPR 22: 2006			

Note: This list will be updated from time to time and is available on the website: www.spring.gov.sg/safety

(C) DESIGNATION UNDER THE AGREEMENT BETWEEN NEW ZEALAND AND SINGAPORE ON A CLOSER ECONOMIC PARTNERSHIP (ANZSCEP)

- (l) The Conformity Assessment Body indicated below is designated for New Zealand to conduct testing and certification to the mandatory requirements for products as tabulated below:-

Name of Designated CAB	Contact Address / Person
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	<p><u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg</p> <p><u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification and Inspection Services Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg</p>
Date of Designation	Scope of Designation for New Zealand
Since 21 June 2004	<p>Testing Laboratory</p> <ul style="list-style-type: none"> ▪ Table A for EE products under Safety Testing ▪ Table B for EE products under Energy Efficiency Testing ▪ Table C for EE products under the EMC Testing
Since 10 March 2006	<p>Conformity Assessment Body</p> <ul style="list-style-type: none"> ▪ Table A for EE products under certification to the Safety Requirements

A – SAFETY

No	Scope of Designation	Scope of Testing	Scope of Certification
1.	Luminaire – Portable Type (large production runs 50+)	AS/NZS 60598.2.4 AS/NZS 60598.2.6 AS/NZS 60598.2.8 AS/NZS 60598.2.23 AS/NZS 3128 AS/NZS 60065 AS/NZS 3128	AS/NZS 60598.2.4 AS/NZS 60598.2.6 AS/NZS 60598.2.8 AS/NZS 60598.2.23 AS/NZS 3128 AS/NZS 60065 AS/NZS 3128
2.	Iron (except for Fabric Steamer type)	AS/NZS 3350.2.3	AS/NZS 3350.2.3
3.	Luminaire – child appealing type	AS/NZS 60598.2.10	AS/NZS 60598.2.10
4.	Kitchen Machine	AS/NZS 3350.2.14	AS/NZS 3350.2.14
5.	Room Heater	AS/NZS 3350.2.30	AS/NZS 3350.2.30
6.	Liquid heating appliance	AS/NZS 3350.2.15 AS/NZS 3350.2.98	AS/NZS 3350.2.15 AS/NZS 3350.2.98
7.	Residual current device	AS/NZS 3175.1 AS/NZS 61009.1 AS 3190	AS/NZS 3175.1 AS/NZS 61009.1 AS 3190
8.	Luminaire – portable type (small production runs of 50 or less)	AS/NZS 60598.2.4 AS/NZS 60598.2.6 AS/NZS 60598.2.8 AS/NZS 60598.2.23 AS/NZS 3128 AS/NZS 60065 AS/NZS 3128	AS/NZS 60598.2.4 AS/NZS 60598.2.6 AS/NZS 60598.2.8 AS/NZS 60598.2.23 AS/NZS 3128 AS/NZS 60065 AS/NZS 3128
9.	Battery charger – Automotive Type	AS/NZS 3350.2.29	AS/NZS 3350.2.29
10.	Massage appliance	AS/NZS 3350.2.32	AS/NZS 3350.2.32
11.	Battery charger – General Type	AS/NZS 3350.2.29 AS/NZS 3108 AS/NZS 3250 AS/NZS 60065 AS/NZS 3260 AS/NZS 60950	AS/NZS 3350.2.29 AS/NZS 3108 AS/NZS 3250 AS/NZS 60065 AS/NZS 3260 AS/NZS 60950
12.	Microwave oven	AS/NZS 3350.2.25	AS/NZS 3350.2.25
13.	Bread Toaster / Bread Maker	AS/NZS 3350.2.9	AS/NZS 3350.2.9
14.	Miniature over-current circuit breaker	AS 3111	AS 3111

A – SAFETY

No	Scope of Designation	Scope of Testing	Scope of Certification
15.	Clothes dryer	AS/NZS 3350.2.11 AS/NZS 3350.2.43	AS/NZS 3350.2.11 AS/NZS 3350.2.43
16.	Range	AS/NZS 3350.2.6	AS/NZS 3350.2.6
17.	Cooking appliance – Portable Type	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13
18.	Range hood	AS/NZS 3350.2.31	AS/NZS 3350.2.31
19.	Decorative lighting outfit	AS/NZS 60598.2.20	AS/NZS 60598.2.20
20.	Razor / Hair clipper	AS/NZS 3350.2.8	AS/NZS 3350.2.8
21.	Dishwashing machine	AS/NZS 3350.2.5	AS/NZS 3350.2.5
22.	Refrigerating appliance	AS/NZS 3350.2.24	AS/NZS 3350.2.24
23.	Extra-low voltage power supply unit	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61046 AS/NZS 61558 series	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61046 AS/NZS 61558 series
24.	Sewing machine	AS/NZS 3350.2.28	AS/NZS 3350.2.28
25.	Fan	AS/NZS 3350.2.80	AS/NZS 3350.2.80
26.	Soldering iron	AS/NZS 3350.2.45	AS/NZS 3350.2.45
27.	Fluorescent lamp ballast (for Reactive only)	AS/NZS 60928 AS 3168	AS/NZS 60928 AS 3168
28.	Television receiver	AS/NZS 60065	AS/NZS 60065
29.	Fluorescent lamp starter	AS 3138 AS/NZS 60155	AS 3138 AS/NZS 60155
30.	Therapeutic lamp	AS/NZS 3350.2.27	AS/NZS 3350.2.27
31.	Hair care appliance	AS/NZS 3350.2.23	AS/NZS 3350.2.23
32.	Vacuum cleaner	AS/NZS 3350.2.2	AS/NZS 3350.2.2
33.	Immersion heater	AS/NZS 3350.2.74 AS/NZS 3350.2.55	AS/NZS 3350.2.74 AS/NZS 3350.2.55
34.	Washing machine	AS/NZS 3350.2.7	AS/NZS 3350.2.7
35.	Insect electrocutor	AS/NZS 3350.2.59	AS/NZS 3350.2.59
36.	Water heater	AS/NZS 3350.2.21 AS/NZS 3350.2.35	AS/NZS 3350.2.21 AS/NZS 3350.2.35
37.	Inspection handlamp	AS/NZS 60598.2.8	AS/NZS 60598.2.8
38.	Plug*	AS/NZS 3112	-
39.	Socket-Outlet*	AS/NZS 3112	-
40.	Cord Extension Socket*	AS/NZS 3120	-
41.	Cord-line Switch*	AS/NZS 3127	-
42.	Outlet device*	AS/NZS 3105 AS/NZS 3122	-
43.	Wall Switch*	AS/NZS 3133	-
44.	Residual Current Device*	AS/NZS 3175.1 AS 3190	-
45.	Miniature over-current circuit breaker*	AS/NZS 4898 AS 3111	-
46.	Socket-outlet adaptor*	AS/NZS 3122	-

Legend: an asterisk (*) denotes EE expanded to TUV SUD PSB Pte Ltd effected from 5 February 2009

B – ENERGY EFFICIENCY

No	Scope of Designation	
1	Ballast for Fluorescent Lamps	AS/NZS 4783: Part 1 AS/NZS 4783: Part 2
2	Three phase cage induction Electric Motors from 0.73KW to <185kW*	AS 1359.101 AS 1359.102.1 AS 1359.102.3
3	Refrigerators and Freezers*	AS/NZS 4474: Part 1 AS/NZS 4474: Part 2
4	Clothes dryer*	AS/NZS 2442: Part 1

Legend: an asterisk (*) denotes EE expanded to TUV SUD PSB Pte Ltd effected from 5 February 2009

C - EMC

No	Scope of Designation		No	Scope of Designation	
1	ISM equipment	AS/NZS 4783: Part 1 AS/NZS 4783: Part 2	2	Audio, video, audiovisual and entertainment lighting control apparatus for professional use	EN 55103-1
3	TV receivers and audio equipment	EN 55013, AZ/NZS 1053 CISPR 13	4	Switches for household and similar fixed-electrical installations - electronic switches - remote control switches - time-delay switches	EN 60669-2-1 IEC 60669-2-1 EN 60669-2-2 IEC 60669-2-2 EN 60669-2-3 IEC 60669-2-3
5	Electrical motor-operated & thermal appliances, electric tools & similar apparatus	EN 55014-1 AS/NZS 1044 CISPR 14-1	6	Low voltage switchgear and controlgear	EN 60947-1 IEC 60947-1
7	Electrical lighting and similar equipment	EN 55015, AS/NZS 4051 CISPR 15	8	Low voltage switchgear and controlgear • Circuit-breaker • Switches, disconnectors, switch disconnectors and fuse combination units) • Contactors and motor-starters – electromechanical contactors and motor-starters • AC semiconductor motor controllers and starters • Control circuit devices and switching elements • Proximity switches • Automatic transfer switching equipment • Control and protective switching devices	EN 60947-2 IEC 60947-2 EN 60947-3 IEC 60947-3 EN 60947-4-1 IEC 60947-4-1 EN 60947-4-2 IEC 60947-4-2 EN 60947-5-1 IEC 60947-5-1 EN 60947-5-2 IEC 60947-5-2 EN 60947-6-1 IEC 60947-6-1 EN 60947-6-2 IEC 60947-6-2
9	Information Technology	EN 55022 AS/NZS 3548 CISPR 22	10	Alternating current static watt-hour meters for active energy (classes 1 and 2)	EN 61036 IEC 61036
11	Generic - Residential, commercial and light industry - Industrial environments	EN 50081.1 AS/NZS 4251.1 IEC 61000-6-3 EN 50081.2 AS/NZS 4251.2 IEC 61000-6-4	12	Alternating current static watt-hour meters for active energy (classes 0,2S and 0,5S)	EN 60687 IEC 60687

C - EMC

No	Scope of Designation	No	Scope of Designation
13	Uninterruptible power systems (UPS)	14	Electrical equipment for measurement, control and laboratory use
	EN 50091-2 AS 62040.2 IEC 62040-2		EN 61326 IEC 61326
15	Electronic taximeters	16	Residual current-operated protective devices (RCDs) for household and similar use
	EN 50148		EN 61543 IEC 61543
17	Control circuit devices and switching elements proximity sensors, direct current interface for proximity sensors and switching amplifiers		
	EN 50227		

(II) The Conformity Assessment Body indicated below is designated for New Zealand to conduct testing to the mandatory requirements for products as tabulated below:-

Name of Designated Testing Labs			Address & Contact Person		
Singapore Electrical Testing Services (Clipsal International Pte Ltd) 97 Pioneer Road Singapore 639579 website: www.sets.com.sg (Designated since 4 February 2008)			Mr Wong Chee Kian Laboratory Manager Tel: 65 6861 9118 Fax: (65) 6863 2760 Email: Chee-Kian.Wong@sets.com.sg		
Scope of Designation for New Zealand					
1	Cord Extension Socket	AS/NZS 3120	2	Cord-Line Switch	AS/NZS 3127
3	Socket-Outlet	AS/NZS 3112	4	Wall Switch	AS 3133
5*	Plugs	AS/NZS 3112			

(III) The Conformity Assessment Body indicated below is designated for New Zealand to conduct testing to the mandatory requirements for products as tabulated below:-

Name of Designated Testing Labs			Address & Contact Person		
LabOne Singapore Pte Ltd No 13 International Business Park LabOne Building Singapore 609932 Website: www.labone.com.sg (Designated since 16 November 2007)			Ms Eileen Hooi Quality Manager Tel: (+65) 6568 8836 Fax: (+65) 6560 0100 Email: eileenhooi@labone.com.sg		
Scope of Designation for New Zealand					
1	Information Technology	AS/NZS CISPR 22: 2006			

Note: The list will be updated from time to time and is available on the website: www.spring.gov.sg/safety

(D1) DESIGNATION UNDER THE ASEAN SECTORAL MRA ON ELECTRICAL AND ELECTRONIC EQUIPMENT (ASEAN EE MRA)

The Conformity Assessment Body (CAB) indicated below is listed for the ASEAN Member Countries, to conduct testing and issue Compliance Test Report for ASEAN Member Countries as tabulated below:-

Name of Designated Testing Labs	Address & Contact Person
Singapore Electrical Testing Services (Clipsal International Pte Ltd) 97 Pioneer Road Singapore 639579 website: www.sets.com.sg	Mr Wong Chee Kian Laboratory Manager Tel: 65 6861 9118 Fax: (65) 6863 2760 Email: Chee-Kian.Wong@sets.com.sg
Date of Listing	<ul style="list-style-type: none"> ▪ 4 October 2004 – for Brunei Darussalam, Cambodia, Indonesia, Lao PDR, Myanmar and Vietnam ▪ 24 November 2004 – for Malaysia ▪ 16 March 2005 – for Philippines ▪ 18 January 2007 – for Thailand
Scope of Designation for ASEAN	

A - BRUNEI DARUSSALAM

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Plugs and socket outlets for households and similar purposes – General requirements	IEC 60884-1 IEC 60884-2-1 IEC 60884-2-3	2	3-pin round type 15-amp plug	SS 472
3	Switches for general purpose	IEC 60669-1 SS 227 PT.1	4	Multi-way Adaptor	SS 246
5	Electronic Switch	IEC 60669-2-1 SS 227 PT.2-1	6	3-pin 13-amp switched and unswitched socket outlet	SS 145 PT.2
7	Electromagnetic Remote Control Switch	IEC 60669-2-2	8	3-pin 13-amp portable socket-outlet	SS 145 PT.2
9	3-pin rectangular type 13-amp plug	SS 145 PT.1	10	3-pin round type 15-amp socket-outlet	SS 472
11	Fuse (less than or equal to 13-amp) for use in plug	SS 167	12	2-pin portable socket-outlet	SS 488

B - CAMBODIA, LAO PDR & MYANMAR

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Fuses / Fuse Links up to 63A	IEC 60269-1	2	Electronic Switch	IEC 60669-2-1
3	Plugs and socket outlets for households and similar purposes – General requirements	IEC 60884-1 IEC 60884-2-1 IEC 60884-2-3	4	Electromagnetic Remote Control Switch	IEC 60669-2-2
5	Switches for general purpose	IEC 60669-1	6	Residual Current Circuit Breaker without Integral Overcurrent Protection (RCCBs)	IEC 61008-1 IEC 61008-2-1 IEC 61008-2-2
7	Low-voltage distribution link fuses	IEC 60269-1	8	Residual Current Circuit Breaker with Integral Overcurrent Protection (RCBOs)	IEC 61009-1 IEC 61009-2-1 IEC 61009-2-2
9	Miniature Circuit Breaker	IEC 60898			

C - INDONESIA

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Plugs and socket outlets for households and similar purposes – General requirements	IEC 60884-1	2	Switches And Dimmers - General purpose switches - Electronic switches - Remote-control switches	IEC 60669-1 IEC 60669-2-1 IEC 60669-2-2

D - MALAYSIA

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Plug Top / Plugs - 13A Fused Plug - 15A Fused Plug - Adaptors (Multiway)	- BS1363 Part 1 - BS 546 - BS 1363 Part 3	2	Socket-outlets 15A and below (with or without ELCB/RCCB) - 13A unswitches Socket-Outlets - 13A Portable Socket-Outlets - 15A Socket-Outlets - Portable 2-pin Socket-Outlets - Cooker Control Units - 13A Switched and unswitched connection unit	- BS 1363 Part 2 - BS 1363 Part 2 - BS 546 - SS 488 - BS 4177 - BS 4177 - BS 1363 Part 4
3	Switches and Dimmers - General purpose switches - Electronic switches - Remote-control switches	- IEC 60669-1 - IEC 60669-2-1 - IEC 60669-2-2	4	Circuit Breakers (including AC Current Operated Earth Leakage Circuit Breakers and Miniature Circuit Breakers) - Residual Current Circuit Breaker without integral Overcurrent Protection (RCCBs) - Miniature Circuit Breakers (MCB) - Residual Current Circuit Breaker with Integral Overcurrent Protection (RCBOs) - Fuse Base and Carrier up to 32A	- IEC 61008-1, IEC 61008-2-1 & IEC 61008-2-2 - IEC 60898 - IEC 61009-1, IEC 61009-2-1, IEC 61009-2-2 - IEC 60269-1
5	Time Delay Switches	IEC 60669-2-3 (MS 616 Part 2 Section 3)			

E - PHILIPPINES

No	Scope of Designation	Testing Standards
1	Plugs and socket-outlets for households and similar purposes – General requirements	- PNS 1486-1: 1996 - IEC 60884-1: 1994

F - THAILAND

No	Scope of Designation	Testing Standards
1	Electric Switches	IEC 60669-1 (TIS 824-25631(1988))

G - VIETNAM

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Electric Switches	IEC 60669-1	2	One-phase electric sockets and plugs	IEC 60884-1
3	Knife Switches and reverse knife switches	IEC 60669-1			

Note: The list will be updated from time to time and is available on the website:

www.spring.gov.sg/safety and the ASEAN website : <http://www.aseansec.org/17417.htm>

(D2) DESIGNATION UNDER THE ASEAN SECTORAL MRA ON ELECTRICAL AND ELECTRONIC EQUIPMENT (ASEAN EE MRA)

The Conformity Assessment Body (CAB) indicated below is listed for the ASEAN Member Countries, to conduct testing and certification for ASEAN Member Countries as tabulated below:-

Name of Designated CAB	Contact Address / Person
<p>TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com</p>	<p><u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg</p> <p><u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification Department Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg</p>
Date of Listing	<ul style="list-style-type: none"> ▪ 4 October 2004 – for Brunei Darussalam, Cambodia, Lao PDR, Indonesia, Myanmar, Thailand and Vietnam ▪ 24 November 2004 – for Malaysia ▪ 16 March 2005 – for Philippines
Scope of Designation for ASEAN	

A- Brunei Darussalam

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
1.	Adaptor – for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	All	All
2.	Air Cooler	IEC 60335-2-98	All	All
3.	Audio Product	IEC 60065	All	All
4.	Coffee Maker, slow cooker, steam boat and similar appliances	IEC60335-2-15	All	All
5.	Cooking Range	IEC 60335-2-6	All	All
6.	Decorative Light fixture	IEC 60598-2-20	All	All
7.	Hairdryer	IEC 60335-2-23	All	All
8.	High-Fidelity Set	IEC 60065	All	All
9.	Home Computer System (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950	All	All
10.	Immersion water heater	IEC 60335-2-74	Only IEC 60335-2-74	Only IEC 60335-2-74
11.	Iron	IEC 60335-2-3	All	All
12.	Kettle	IEC 60335-2-15	All	All
13.	Laser Disc Set	IEC 60065	All	All
14.	Microwave Oven	IEC 60335-2-25	All	All
15.	Mixer, blender, mincer and similar appliances	IEC 60335-2-14	All	All
16.	Mobile Split Air-conditioner	IEC 60335-2-40	All	All
17.	Refrigerator	IEC 60335-2-24	All	All
18.	Rice Cooker	IEC 60335-2-15	All	All
19.	Room air-conditioner	IEC 60335-2-40	All	All
20.	Table lamp or standing lamp	IEC 60598-2-4	All	All
21.	Table or standing fan	IEC 60335-2-80	All	All
22.	Television or video display unit	IEC 60065	All	All
23.	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances - for hot plate and similar appliances - for toaster, grill, oven and similar appliances - for deep fryer, electric wok and similar appliances	IEC 60335-2-6 IEC 60335-2-9 IEC 60335-2-13	All	All

A- Brunei Darussalam

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
24.	Vacuum Cleaner	IEC 60335-2-2	All	All
25.	Video Cassette Recorder	IEC 60065	All	All
26.	Wall fan Ceiling fan	IEC 60335-2-80	All	All
27.	Washing Machine	IEC 60335-2-7	All	All
28.	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	All	All
29.	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	All	All
30.	3-pin rectangular type 13-amp plug	SS 145:Part 1	All	All
31.	Fuse (less than or equal to 13-amp) for use in plug	SS 167	All	All
32.	3-pin round type 15-amp plug	SS 472	All	All
33.	Multi-way Adaptor	SS 246	All	All
34.	3-pin portable socket-outlet	SS 145:Part 2 SS 358:Part 5	All	All
35.	3-pin 13 amp socket-outlet	SS 145 :Part 2	All	All
36.	3-pin round type 15-amp socket-outlet	SS 472	All	All
37.	Domestic electric wall switch	IEC 60669-1 SS227:Part 1	All	All
38.	Fuses / Fuse Links to 63A	IEC 60269-1	All	All
39.	Switches for general purposes	IEC 60669-1	All	All
40.	Plugs and socket-outlets for household and similar purposes	IEC 60884-1 IEC 60884-2-1 IEC 60884-2-3	All	All
41.	Low-voltage distribution link fuses	IEC 60269-1	All	All
42.	Miniature Circuit Breaker	IEC 60898	IEC 60898-1 IEC 60898-2	IEC 60898-1 IEC 60898-2
43.	Electronic Switch	IEC 60669-2-1	All	All
44.	Electromagnetic Remote Control Switch	IEC 60669-2-2	All	All
45.	Residual Current Circuit Breakers without integral Overcurrent Protection	IEC 61008-1 IEC 61008-1-1 IEC 61008-2-1	IEC 61008-1 IEC 61008-1-1 only	IEC 61008-1 IEC 61008-1-1 only
46.	Residual Current Operated Circuit-Breakers with Integral Overcurrent Protection for household and similar uses (RCBOs)	IEC 61009-1 IEC 61009-2-1 IEC 61009-2-2	IEC 61009-1 IEC 61009-2-1 only	IEC 61009-1 IEC 61009-2-1 only

B – CAMBODIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
1.	Electric Fans (Table Fan, Standing Fan, Wall Fan and Ceiling Fan)	IEC 60335-2-80:2002 IEC 60879:1986 IEC 60335-1:2002	Table/Standing Fan: IEC 60335-2-80 & Wall Fan & Ceiling Fan: IEC 60335-2-80	Table/Standing Fan: IEC 60335-2-80 & Wall Fan & Ceiling Fan: IEC 60335-2-80
2.	Refrigerators, Freezers and other refrigerating or freezing equipment	IEC 60335-1:2002 IEC 60335-2-24:2002	All	All
3.	Electric washing machine	IEC 60335-1:2002 IEC 60335-2-7:2002 IEC 60335-2-4:2003	IEC 60335-2-7 only	IEC 60335-2-7 only
4.	Home computer system(inclusive of monitor, printer, speaker, and other mains operated accessories)	IEC 60950:1999 or IEC 60950-1:2001	All	All
5.	Adaptor –for electronic, electrical, computer and telephonic appliances	IEC 61558-2-6:1997 IEC 60065:2001 IEC 60950:1999 or IEC 60950-1:2001	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950

B – CAMBODIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
6.	Vacuum Cleaner	IEC 60335-1:2002 IEC 60335-2-2:2002	All	All
7.	Food mixers, Blender, Mincers and similar appliances	IEC 60335-1:2002 IEC 60335-2-14:2002	All	All
8.	Electrical Hair Dryer	IEC 60335-1:2002 IEC 60335-2-23:2003	All	All
9.	Electrical Iron	IEC 60335-1:2002 IEC 60335-2-3:2002	All	All
10.	Electric Kettles	IEC 60335-1:2002 IEC 60335-2-15:2003 IEC 60335-2-13:1993 IEC 60335-2-9:2002	IEC 60335-2-15	IEC 60335-2-15
11.	Electric Microwave Ovens	IEC 60335-1:2002 IEC 60335-2-25:2002	All	All
12.	Toaster/Oven (Cooking Appliance)	IEC 60335-1: 2002 IEC 60335-2-9:2002 IEC 60335-2-13:1993	All & IEC 60335-2-6	All & IEC 60335-2-6
13.	Hi-Fidelity Set	IEC 60065:2001	All	All
14.	Television	IEC 60065:2001	All	All
15.	Electric Lamps (Table Lamp, Standing Lamp)	IEC 60598-1:2003 IEC 60598-2-4:1997 IEC 60064:1993 IEC 60432-1:1999 IEC 60081:2002 IEC 60968:1988 IEC 60598-2-8:1996	Table lamp/standing lamp: IEC 60598-2-4	Table lamp/standing lamp: IEC 60598-2-4
16.	Lighting Chains (Decorative Lighting)	IEC 60598-1:2003 IEC 60598-2-20:2001	Decorative Lighting Fixture : IEC 60598-2-20	Decorative Lighting Fixture : IEC 60598-2-20
17.	Air Cooler	IEC 60335-2-98	All	All
18.	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15	All	All
19.	Cooking range	IEC 60335-2-6	All	All
20.	Immersion water heater	IEC 60335-2-74	All	All
21.	Laser disc set	IEC 60065	All	All
22.	Mobile split air-conditioner	IEC 60335-2-40	All	All
23.	Rice Cooker	IEC 60335-2-15	All	All
24.	Room air-conditioner	IEC 60335-2-40	All	All
25.	Video cassette recorder	IEC 60065	All	All
26.	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	All	All
27.	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	All	All
28.	Audio Product	IEC 60065	All	All

C – INDONESIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
1.	Incandescent lamps	SNI 04-3560-1994 IEC 60064	All	All
2.	Alternating current ballast for fluorescent lamp	SNI 04-3561-1994 IEC 60921	All	All
3.	Compound for insulation of electric wire and cable with 1 kV up to 30 kV rated voltage	SNI 04-2697-1992 IEC 60502	All	All
4.	PVC insulated and sheathed cable with 300/500 V rated voltage	SNI 04-2699-1999 IEC 60502	All	All
5.	Insulated and PVC covered power cable for ground identification voltage 0,6/1 kV (NYY / NAYY)	SNI 04-2701-1999 IEC 60502	All	All
6.	PVC insulated and sheathed, steel or aluminium wire shielded ground cables rated voltage 0,6/1 kV (NYF Gb Y/ NAYFGbY / NXYRGbY / NARGbY / NYRY / NAYRY)	SNI 04-2700-1999 IEC 60502	All	All
7.	PVC insulated and sheathed underground cable, steel or aluminium band shielded with 0,6/1 kV rated voltage	SNI 04-6122-1999 IEC 60502	All	All
8.	PVC insulated wire rated voltage with 450/750 V	SNI 04-2698-1992 IEC 60502	All	All
9.	Self-ballast lamp for general lighting service	SNI 04-6504-2001 IEC 60968	All	All
10.	Plugs and socket-outlets for household and similar purposes - Part 1: General requirements	SNI 04-3892.1-2006 IEC 60884-1 (2002-06)	All	All
11.	Switches for household and similar fixed-electrical installations - Part 1: General requirements	SNI 04-6203.1-2006 IEC 60669-1 (1998-02)	All	All
12.	Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation (Amendment 1)	SNI 04-6507.1-2002 / Amd1-2006 Amd 2 (2003-05) IEC 60898-1	IEC 60898-1 IEC 60898-2	IEC 60898-1 IEC 60898-2
13.	Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans	SNI 04-6292.2.80:2006 IEC 60335-2-80 (2004-03)	IEC 60335-1 IEC 60335-2-80	IEC 60335-1 IEC 60335-2-80

D- Lao PDR & MYANMAR

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
1.	Adaptor – for electronic, electrical, computer and telephonic appliances	IEC 60742 IEC 61558-2-6 IEC 60065 IEC 60950	All	All
2.	Air cooler	IEC 60335-2-98	All	All
3.	Audio product	IEC 60065	All	All
4.	Coffee maker, slow cooker, steam boat and similar appliances	IEC 60335-2-15	All	All
5.	Cooking range	IEC 60335-2-6	All	All
6.	Decorative lighting fixture	IEC 60598-2-20	All	All
7.	Hairdryer	IEC 60335-2-23	All	All
8.	High – Fidelity set	IEC 60065	All	All
9.	Home computer system (inclusive of monitor, printer, speaker and other mains operated accessories)	IEC 60950	All	All
10.	Immersion water heater	IEC 60335-2-74	All	All
11.	Iron	IEC 60335-2-3	All	All
12.	Kettle	IEC 60335-2-15	All	All
13.	Laser disc set	IEC 60065	All	All
14.	Microwave oven	IEC 60335-2-25	All	All
15.	Mixer, blender, mincer and similar appliances	IEC 60335-2-14	All	All
16.	Mobile split air-conditioner	IEC 60335-2-40	All	All
17.	Refrigerator	IEC 60335-2-24	All	All
18.	Rice Cooker	IEC 60335-2-15	All	All
19.	Room air-conditioner	IEC 60335-2-40	All	All
20.	Table lamp or standing lamp	IEC 60598-2-4	All	All
21.	Table or standing fan	IEC 60335-2-80	All	All
22.	Television or video display unit	IEC 60065	All	All
23.	Toaster, grill, roaster, hot plate, deep fryer, wok and similar appliances - for hot plate and similar appliances - for toaster, grill, oven and similar appliances - for deep fryer, electric wok and similar appliances	- IEC 60335-2-6 - IEC 60335-2-9 - IEC 60335-2-13	All	All
24.	Vacuum Cleaner	IEC 60335-2-2	All	All
25.	Video cassette recorder	IEC 60065	All	All

D- Lao PDR & MYANMAR

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing designated	Scope of Certification designated
26.	- Wall fan - Ceiling fan	IEC 60335-2-80	All	All
27.	Washing Machine	IEC 60335-2-7	All	All
28.	Ballast for tubular fluorescent lamp	IEC 61347-2-3 IEC 61347-2-8	All	All
29.	Isolating transformer for downlight fitting	IEC 61558-2-6 IEC 61347-2-2	All	All

E – MALAYSIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
1. Plugs			
1.	2- 13A Fused plugs	MS 589:PT.1: 1997 PT.1:1995	BS 1363: BS 1363: Part 1
2.	3- 15A Fused plugs	MS 1577:2003	BS 546:1950 BS 546
3.	4- Adaptors (multiway)	MS 589: PT.3: 1997	BS 1363:PT.3:1995 BS 1363:Part 3
4.	5- Cable Connectors	IEC 60998-1:2002 IEC 60998-2-1:2002 IEC 60998-2-2:2002 IEC 60998-2-3:2002 IEC 60998-2-4:2002 IEC 60998-2-5:2002	All
5.	6- Appliance Connectors	MS IEC 60320-1:2003 (IEC 60320-1:1994)	IEC 60320-1
2. SWITCHES AND DIMMERS			
6.	1- General purpose switches	MS 616:PT.1: 1998 & IEC 60669-1: 1998	IEC 60669-1: 1998
7.	2- Electronic switches	MS 616:PT.2:Sect.1:2000 & IEC 60669-2-1:1996	IEC 60669-2-1:1996
8.	3- Remote-control switches	MS 616:PT.2:Sect.2:2000 & IEC 60669-2-2:1996	IEC 60669-2-2:1996
9.	4- Time Delay Switches	MS 616:PT.2:Sect.3:2000 & IEC 60669-2-3:1996	IEC 60669-2-3:1996
3. SOCKET OUTLES 15A AND BELOW (with or without ELCB/RCCD)			
10.	1- Electric Shaver Socket Outlets	MS 1700:1998 & EN 60742:1989 & IEC 61558-2-6 :1997	IEC 60742 & IEC 61558-2-6
11.	2- Isolating Transformer	MS 1700:1998 & EN 60742:1989 & IEC 61558-2-6 :1997	IEC 60742 & IEC 61558-2-6
12.	3- 13A Portable Switched Socket Outlets	MS 589:PT.2:1997 & BS 1363:PT.2:1995	BS 1363:PT.2
13.	4- 13A Unswitched Socket Outlets	MS 589:PT.2:1997 & BS 1363:PT.2:1995	BS 1363:PT.2
14.	5- 15A Socket Outlets	MS 1577:2003 & BS 546:1950	BS 546
15.	6- AC-DC or AC-AC Converter (Adaptor)	MS 1700:1998 & EN 60742:1989 & IEC 61558-2-6:1997 & IEC 60950	IEC 60742 & IEC 61558-2-6 & IEC 60950
16.	7- Portable 2-Pin Socket Outlets	MS 1579:2003 & SS 448:2001	SS 448

E – MALAYSIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
4. LAMP HOLDERS			
17.	1- Lampholders for tubular fluorescent lamps	MS IEC 60400:1999 & IEC 60400:1991	IEC 60400:1991
18.	2- Starterholders for tubular fluorescent lamps	MS IEC 60400:1999 & IEC 60400:1991	IEC 60400:1991
5. FLUORESCENT LAMPS FITTING (EXCLUDING TUBES IF IMPORTED SPARATELY)			
19.	1- Fixed general purpose luminaries	MS IEC 60598-1:1997 MS IEC 60598-2-1:1997 IEC 60598 – 1:1996 IEC 60598-2-1:1979	IEC 60598 – 1 IEC 60598-2-1
20.	2- Recessed luminaires	MS IEC 60598-1 :1997 MS IEC 60598-2-2:1998 IEC 60598 –1:1996 IEC 60598-2-2	IEC 60598–1 IEC 60598-2-2
21.	3- Lampholders / Starterholders	MS IEC 60400:1999 IEC 60400:1991	IEC 60400:
22.	4- Glow-starters for tubular fluorescent	MS IEC 60155: 1996 IEC 60155:1993	IEC 60155
23.	1- Capacitors for use in tubular fluorescent lamp circuit	MS IEC 61048 :1999 MS IEC 61049 :1999 IEC 61048 :1991 IEC 61049 :1991	IEC 61048 :1991 IEC 61049 :1991
7. BALLAST FOR FLUORESCENT			
24.	1- Ballast for tubular fluorescent lamps	MS 141 :PT.1:1992 MS 141 :PT.2:1992 IEC 60920:1990 IEC 60921:1988	IEC 60920:1990 IEC 60921:1988
25.	2- Electronic Ballast	MS IEC 60928:1995 MS IEC 60929:1995 IEC 60928:1995 IEC 60929:1990	IEC 60928:1995 IEC 60929:1990
8. CIRCUIT BREAKERS (INCLUDING AC CURRENT OPERATED LEAKAGE CIRCUIT BREAKERS AND MINIATURE CIRCUIT BREAKERS)			
26.	1- Residual Current Circuit Breakers	MS IEC 61008-1:2003 IEC 61008- 1	IEC 61008- 1
27.	2- Miniature Circuit Breaker (MCB)	MS IEC 60898-1:2003 MS IEC 60898-2:2003 IEC 60898:1998 IEC 60898-2	IEC 60898 IEC 60898-2
28.	3- RCBO's	MS IEC 61009-1:2003 MS IEC 61009-2-1:2003 MS IEC 61009-2-2:2003 IEC 61009-1:1996 IEC 61009-2-1:1991 IEC 61009-2-2:1991	IEC 61009-1 IEC 61009-2-1 IEC 61009-2-2
29.	4- Fuse Base & Carrier up to 32A	IEC 60269-1 IEC 60269-2 IEC 60269-2-1	
30.	5- Switch Fuse up to 63A	MS IEC 60947-3:2000 IEC 60947-3:1999	IEC 60947-3
9. WATER HEATERS (INCLUDING HEATING ELEMENTS IF IMPORTED SEPARATELY)			
31.	2- Electric Storage Water Heaters	MS IEC 60335-1:2003 MS IEC 60335-2-21:2000 IEC 60335-1 IEC 60335-2-21:1997	IEC 60335-1 IEC 60335-2-21

E – MALAYSIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
10. HAND OPERATED HAIR DRYERS			
32.	1- Electric Hair Dryers	MS IEC 60335-1:2003 MS IEC 60335-2-23:1999 IEC 60335-1 IEC 60335-2-23:1996	IEC 60335-1 IEC 60335-2-23
33.	2- Electric Hair Styling Sets	MS IEC 60335-1:2003 MS IEC 60335-2-23:1999 IEC 60335-1 IEC 60335-2-23:1996	IEC 60335-1 IEC 60335-2-23
34.	1- Electric Standing Lamps	MS IEC 60598-1:2003 MS IEC 60598-2-4:2003 IEC 60598-1 IEC 60598-2-4:1997	IEC 60598-1 IEC 60598-2-4
35.	2- Electric Table Lamps	MS IEC 60598-1:2003 MS IEC 60598-2-4:2003 IEC 60598-1 IEC 60598-2-4:1997	IEC 60598-1 IEC 60598-2-4
36.	3- Electric Hand Lamps	IEC 60598-1:1997 IEC 60598-2-8:1998 IEC 60598-1 IEC 60598-2-4:1997	IEC 60598-1 IEC 60598-2-4
12. ELECTRIC KETTLES (INCLUDING HEATING ELEMENTS IF IMPORTED SEPARATELY)			
37.	1- Electric Coffee / Tea Makers	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
38.	2- Electric Deep Fryers	MS IEC 60335-1:2003 MS IEC 60335-2-13:1995 IEC 60335-1 IEC 60335-2-13	IEC 60335-1 IEC 60335-2-13
39.	3- Electric Egg Boilers	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
40.	4- Electric Jugs	MS IEC 335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
41.	5- Electrical Multi-purpose cookers	MS IEC 335-1:2003 MS IEC 335-2-9:1995 MS IEC 335-2-13:1995 MS IEC 60335-2-15:1999 IEC 602335-1 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15	IEC 602335-1 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15
42.	6- Electric Food Steamers	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
43.	7- Electric Warming Plates	MS IEC 60335-1:2003 MS IEC 60335-2-12:2003 IEC 60335-1 IEC 60335-2-12	IEC 60335-1 IEC 60335-2-12
44.	8- Electric Slow Cookers	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15

E – MALAYSIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
45.	9- Electric Steam Boats	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
46.	10- Electric Built in Hobs	MS IEC 60335-1:2003 MS IEC 335-2-36:2003 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
47.	11- Electric Kettles	MS IEC 335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
48.	12- Electric Air pots	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
49.	13- Electric Steam Generator Appliances	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
50.	14- Electric Aroma Vaporisers	MS IEC 60335-1:2003 MS IEC 60335-2-101 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
51.	15- Electric Heating Elements for Kettles	MS IEC 60335-1:2003 MS IEC 60335-2-15:1999 IEC 60335-1 IEC 60335-2-15	IEC 60335-1 IEC 60335-2-15
13. ELECTRIC SMOOTHING IRONS			
52.	1- Electric Irons	MS IEC 60335-1:2003 MS IEC 60335-2-3:1995 IEC 60335-1 IEC 60335-2-3	IEC 60335-1 IEC 60335-2-3
14. ELECTRIC SHAVERS			
53.	1- Electric Hair Clippers	MS IEC 60335-1:2003 MS IEC 60335-2-8:2002 IEC 60335-1 IEC 60335-2-8	IEC 60335-1 IEC 60335-2-8
54.	2- Electric Shavers	MS IEC 60335-1:2003 MS IEC 60335-2-8:2002 IEC 60335-1 IEC 60335-2-8	IEC 60335-1 IEC 60335-2-8
15. FOOD MIXERS/BLENDERS			
55.	1- Electric Blenders	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14
56.	2- Electric Choppers	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14
57.	3- Electric Food Processors	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14
58.	4- Electric Juice Extractors	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14

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No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
59.	5- Electric Grinders	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14
60.	6- Electric Mixers	MS IEC 60335-1:2003 MS IEC 60335-2-14:1996 IEC 60335-1 IEC 60335-2-14	IEC 60335-1 IEC 60335-2-14
16. IMMERSION WATER HEATERS			
61.	1- Electric Fixed Immersion Heaters	MS IEC 60335-1:2003 MS IEC 60335-2-73:1996 IEC 60335-1 IEC 60335-2-73	IEC 60335-1 IEC 60335-2-73
62.	2- Portable Immersion Heater	MS IEC 60335-1:2003 MS IEC 60335-2-74:1996 IEC 60335-1 IEC 60335-2-74	IEC 60335-1 IEC 60335-2-74
17. HI-FI SETS			
63.	1- Sub-woofer	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
64.	2- Amplifier	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
65.	3- Cassette Player	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
66.	4- Equalizers/ Mixers	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
67.	5- Hi-Fi System	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
68.	6- Karaoke	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
69.	7- Laser Disc Player	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
70.	8- PA System	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
71.	9- Portable Hi-Fi System	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
72.	10- Portable RadioCassette Player / Recorder	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
73.	11- Radio	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
74.	12- Radio Alarm	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
75.	13- Tuner / Receiver	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
76.	14- Turn tables / Record Players	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
77.	15- Compact Disc Players	MS IEC 60065:2003 (IEC 60065 :2001)	IEC 60065
18. MOSQUITO MATT VAPORISERS			
78.	1- Mosquito Matt Vaporisers	MS IEC 60335-1:2003 IEC 60335-1 IEC 60335-2-101	IEC 60335-1 IEC 60335-2-101
19. TOASTERS/OVENS			
79.	1- Electric Bread Makers	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9

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No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
80.	2- Electric Bread Toasters	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9
81.	3- Electric Portable Ovens	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9
82.	4- Electric Grillers	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9
83.	5- Electric Microwave Ovens	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-25
84.	6- Electric Sandwich Makers / Waffle Makers	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9
85.	7- Electric Stationary Electric Ovens	MS IEC 60335-1:2003 MS IEC 60335-2-6:1999 IEC 60335-1 IEC 60335-2-6	IEC 60335-1 IEC 60335-2-6
86.	8- Electric Roasters	MS IEC 60335-1:2003 MS IEC 60335-2-9:1995 IEC 60335-1 IEC 60335-2-9	IEC 60335-1 IEC 60335-2-9
87.	9- Electric Induction hobs	MS IEC 60335-1:2003 MS IEC 60335-2-6:1999 IEC 60335-1 IEC 60335-2-6	IEC 60335-1 IEC 60335-2-6
20. FANS			
88.	8- Electric Air Coolers	MS IEC 60335-1:2003 MS IEC 60335-2-98 IEC 60335-1 IEC 60335-2-98	IEC 60335-1 IEC 60335-2-98
89.	9- Electric range hoods	IEC 60335-1, Ed.3 IEC 60335-2-31, Ed.2	IEC 60335-1 IEC 60335-2-31
21. TELEVISIONS			
90.	1- Television	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065
91.	2- Projection Television	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065
22. VACUUM CLEANERS			
92.	1- Carpet Cleaners	MS IEC 60335-1: 2003 MS IEC 60335-2-2: 1995 IEC 60335-1 IEC 60335-2-2	IEC 60335-1 IEC 60335-2-2
93.	2- Vacuum Cleaners & Accessories	MS IEC 60335-1: 2003 MS IEC 60335-2-2: 1995 IEC 60335-1 IEC 60335-2-2	IEC 60335-1 IEC 60335-2-2
23. VIDEO PLAYERS			
94.	1- Video compact disc players	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065 :2001
95.	2- Video Cassette Recorder / Players	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065 :2001
96.	3- Digital versatile disc players	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065 :2001

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No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
97.	4- Video Rewinder	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065 :2001
98.	5- Children Video Games	MS IEC 60065: 2003 IEC 60065 :2001	IEC 60065 :2001
24. WASHING MACHINES			
99.	1- Electric Cloth Dryers	IEC 60335-1 IEC 335-2-43, Ed. 2:2002	IEC 60335-1 IEC 60335-2-43
100.	2- Electric Washing Machines	MS IEC 60335-1: 2003 MS IEC 60335-2-4: 1995 MS IEC 60335-2-7: 1995 IEC 60335-1 IEC 60335-2-7:1993 IEC 60335-2-4:1993	IEC 60335-1 IEC 60335-2-7 IEC 60335-2-4
25. REFRIGERATORS			
101.	1- Electric Refrigerators	MS IEC 60335-1: 2003 MS IEC 60335-2-24: 2002 IEC 60335-1, IEC 335-2-24:1997	IEC 60335-1, IEC 335-2-24
102.	2- Electric Freezers	MS IEC 60335-1: 2003 MS IEC 60335-2-24: 2002 IEC 60335-1, IEC 335-2-24:1997	IEC 60335-1, IEC 335-2-24
103.	3- Electric Minibars	MS IEC 60335-1: 2003 MS IEC 60335-2-24: 1999 IEC 60335-1, IEC 335-2-24:1997	IEC 60335-1, IEC 335-2-24
26. ELECTRIC RICE COOKERS			
104.	1- Rice cookers	MS IEC 60335-1: 2003 MS IEC 60335-2-15: 1999 IEC 60335-1 IEC 60335-2-15:1984	IEC 60335-1 IEC 60335-2-15 NA
27. LIGHTING CHAINS			
105.	1- Lighting chains	MS IEC 60598-1: 1997 MS IEC 60598-2-20: 1998 IEC 60598-1:1999 IEC 60598-2-20, Ed.:1996	IEC 60598-1 IEC 60598-2-20 NA
28. DOMESTIC POWER TOOLS			
106.	3- Electric Sewing Machines	MS IEC 60335-1: 2003 MS IEC 60335-2-28: 1996 IEC 60335-1 IEC 60335-2-28, Ed. 3:1994	IEC 60335-1 IEC 60335-2-28 NA
107.	4- Electric Soldering Irons	MS IEC 60335-1: 2003 MS IEC 60335-2-45: 2002 IEC 60335-1 IEC 60335-2-45:1996	IEC 60335-1 IEC 60335-2-45 NA
108.	10- Portable Battery Chargers (up to 12V)	MS IEC 60335-1:2003 MS IEC 60335-2-29:1996 IEC 60335-1 IEC 60335-2-29:1994	IEC 60335-1 IEC 60335-2-29
29. WIRES / CABLES / CORDS (non-armoured) 0.5 sq mm to 35 sq. mm			
109.	1- Insulated flexible cords and cable	MS 140: 1987 BS 6500:1984	BS 6500 NA
110.	2- PVC-insulated cable (non-armoured) for electric power and supply	MS 136: 1995 MS 140: 1987 BS 6004:1991 BS 6004:1984	BS 6004 NA

E – MALAYSIA

No	Product regulated	Testing Standards declared in the Matrix by Member States	Scope of Testing
111.	3- Polyvinyl chloride Insulated flexible cords	MS 140:1987 BS 6004:1984 IEC 60227-1:1993 IEC 60227-5:1998	BS 6004 IEC 60227-1 IEC 60227-5
112.	4-Rubber insulated cord and flexible cables	MS 140:1987 BS 6500:1984 IEC 60245-1:1998 IEC 60245-4:1994	BS 6004 IEC 60245-1 IEC 60245-4

F1 – PHILIPPINES

No	Scope of Designation	Testing Standards designated	No	Scope of Designation	Testing Standards designated
1	Ballast for tubular fluorescent lamps	PNS 12-1:1996 Amd. 02:1997 IEC 920:1990 Amd. 01:1993 Amd. 02:1995	2	Safety Requirements for storage water heaters	PNS 1558:1997 Amds. 01,02,03:1997 IEC 335-2-21: 1989 Amd 01,02: 1990 Amd 03:1992
3	Lamp holders and starter holders for tubular fluorescent lamps	PNS 42:1997 IEC 60400: 1996	4	Capacitors for use in tubular fluorescent and other discharge lamps circuits	PNS 1574:1997 IEC 1048: 1991
5	Glow-starters for fluorescent lamps	PNS 45:1997 Amd. 01:1997 IEC 155:1993 Amd. 01:1995	6	Safety Requirement for spin extractors	PNS 1680:1998 IEC 335-2-4: 1993
7	AC supplied electronic ballast for tubular fluorescent lamps	PNS 135-1:1997 IEC 928: 1995	8	Stationary cooking ranges, hobs, ovens and similar appliances	PNS IEC 60335-2-6:2000 Amd. 01:2001 IEC 335-2-6:1997 Amd. 01:2000
9	Electric irons	PNS 254-1:1994 Amd 01:2000 IEC 60335-2-3: 1993 Amd.1: 1999	10	Refrigerating appliances and ice makers	PNS IEC 60335-2-24: 2001 Amd. 01:2003 All products covered shall not use CFC refrigerants as stated in Amd.1:2003 IEC 335-2-24:2000
11	Appliances for heating liquids	PNS 255:1996 IEC 335-2-15: 1995	12	Microwave ovens	PNS IEC 335-2-25:2000 IEC Published 1996
13	Household appliances – mains operated electronic appliance	PNS 256:1999 Amd. 01:2003 IEC 60065:1998	14	Range hoods	PNS IEC 335-2-31:2000 IEC Published 1995
15	Safety Requirements for toasters, grills, roasters and similar appliances	PNS 272:1996 IEC 335-2-9: 1993	16	Massage appliances	PNS IEC 335-2-32:2000 IEC Published 1993 Amd. 01:1999
17	Self-ballasted lamps for general lighting services – Safety	PNS 603-1:1993 Amd. 01:2001 IEC 60968:1988 Amd. 01:1991 Amd. 02:1999	18	Motor compressors	PNS IEC 60335-2-34:2000 IEC Published 1996
19	General Requirements for safety of household and similar electrical appliances	PNS 1079:1994 IEC 335-1: 1991 Amd.1: 1994	20	Instantaneous water heaters	PNS IEC 60335-2-35:2000 IEC Published 1997
21	Safety requirements for vacuum cleaners and water suction cleaning appliances	PNS 1169:1993 IEC 335-2-2: 1993	22	Electrical heat pumps air-conditioners and dehumidifiers	PNS IEC 60335-2-40:2000 Amd. 01:2001 Amd. 02:2003 All products covered shall not use CFC refrigerants as stated in Amd. 02:2003 IEC 335-2-40:1995 Amd. 01:2000

F1 – PHILIPPINES

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
23	Safety Requirements for kitchen machines	PNS 1244:1994 IEC 335-2-14: 1984	24	Portable immersion heaters	PNS IEC 60335-2-74:2000 IEC Published 1994
25	Luminaires	PNS 1328:1996 IEC 598-1: 1992	26	Fans	PNS IEC 60335-2-80:2000 IEC Published 1997
27	Plugs and socket outlets for households and similar purposes – General requirements	PNS 1486-1:1996 IEC 884-1: 1994	28	Low voltage switchgear and control gear – Part 2: Circuit Breaker	IEC 60947-2: 1995 (PNS 1573-2: 1997)
29	Switches for domestic and similar purposes	IEC 60669-1: 1993 Amd. 01: 1994 Amd 02: 1995 (PNS 1485-1: 1996, Amd 1 & 2: 1996)	30	Safety of power transformer, power supply units and similar devices	IEC 61558-1: 1998 (PNS IEC 61558-1: 2002)
31	Safety of Washing Machines	IEC 60335-2-7: 2000 (PNS IEC 60335-2-7: 2001)	32	Polyvinyl Chloride insulated flexible cords	PNS 163: 1994
33	PVC Insulated electrical copper wires and cables	PNS 35: 1996	34	PVC tapes for electrical insulation	PNS 79: 1992

F2 – PHILIPPINES (PERFORMANCE TESTING)

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Ballast for tubular fluorescent lamps, Performance	PNS 12-2:1996 Amd. 01 & 02:1997 IEC 921:1990 Amd. 01:1990 Amd. 02:1994	2	Double capped fluorescent lamps – Performance	PNS IEC 60081: 2001 IEC Published 1997
3	AC supplied electronic ballast for tubular fluorescent lamps - Performance	PNS 135-2:1993 Amd. 01 & 02: 1997 IEC 929:1990 Amd. 01:1994 & 02:1996	4	Tungsten filament lamps for domestic and similar general lighting purposes	PNS 38-2:1995 IEC 64: 1993
5	Capacitors for use in tubular fluorescent and other discharge lamps circuits - Performance	PNS 1575:1997 IEC 1049:1991	6	Self Ballast Lamps - Performance	IEC 60969: 1988 (PNS 603-2: 1993)
7	Non-ducted air conditioners and electrical heat pumps – testing and rating for performance	ISO 5151: 1994 (PNS 240: 1998)	8	Single-capped fluorescent lamps – Performance	IEC 60901: 1992 (PNS 1261: 1995)

G1 – THAILAND (Safety)

No	Scope of Designation	Testing Standards	No	Scope of Designation	Testing Standards
1	Incandescent lamps	TIS 4 Part 1-2529 (1986)	2	AC electric fans : safety requirements	TIS 934-2533 (1990)
3	Low-voltage distribution link fuses	TIS 10-2529 (1986)	4	Fluorescent lamps : safety requirements	TIS 956-2533 (1990)
5	PVC insulated Copper cables	TIS 11-2531 (1988)	6	Mains operated electronic and related apparatus for household and similar general use : safety requirements	TIS 1195-2536 (1993)
7	Ballast for fluorescent lamps	TIS 23-2521 (1978)	8	Tumbler dryers : safety requirements	TIS 1389-2539 (1996) IEC 60335-2-11
9	Starters for fluorescent lamps	TIS 183-2547 (1985)	10	Washing machines : safety requirements	TIS 1463-2540 (1997) IEC 60335-2-7
11	Electric irons	TIS 366-2528: 1985	12	Electric thermo pots	TIS 2062-2543 (2000) IEC 60335-2-15

G2 – THAILAND (EMC)

No	Scope of Designation	Testing Standards
1	Lighting and similar equipment: radio disturbance limits	CISPR 15: 1999

H - VIETNAM

No	Scope of Designation	Scope of Testing & Certification	No	Scope of Designation	Scope of Testing & Certification
1	PVC insulated Copper cables	IEC 60227-1 (TCVN 6610-1) IEC 60227-2 (TCVN 6610-2) IEC 60227-3 (TCVN 6610-3) IEC 60227-4 (TCVN 6610-4) IEC 60227-5 (TCVN 6610-5) IEC 60227-6 (TCVN 6610-6)	2	Storage Water Heater	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-21 (TCVN 5699-2-21)
3	Electric irons : safety requirements	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-3 (TCVN 5699-2-3)	4	Adaptor	IEC 60950 IEC 60065 BS 1363: Part 3
5	AC electric fans : safety requirements	IEC 60335-2-80 (TCVN 5699-2-80) (for Table / Standing fans & Wall Fan & Ceiling Fan)	6	Ballast for tubular fluorescent lamp	IEC 60920 IEC 60921
7	Microwave oven	IEC60335-1:2002 (TCVN 5699-1) IEC 60335-2-25:2005 (TCVN 5699-2-25)	8	Starters for fluorescent lamps	IEC 60155
9	Electrical Hair Dryers: safety requirements	IEC 60335-2-23 (TCVN 5699-1) (TCVN 5699-2-23)	10	Lamp holders for fluorescent lamps	IEC 60400
11	Electric instantaneous or storage water heater and immersion: safety requirements	IEC 60335-2-35 (TCVN 5699-2-35)	12	Circuit Breaker	IEC 61008 IEC 60898 IEC 61009-1 IEC 61009-2-1 IEC 61009-2-2
13	Electric rice-cookers : safety requirements	IEC 60335-2-15 (TCVN 5699-2-15)	14	Electric Switches	IEC 60669-1 (TCVN 6480-1)
15	Appliances for heating liquids: safety requirements	For Immersion Sticks – IEC 60335-2-15 (TCVN 5699-2-15)	16	Knife switches and reverse knives switches	IEC 60669-1 (TCVN 6480-1)
17	Washing machine	IEC 60335-1 (TCVN 5699-1) IEC 60335-2-4 (TCVN 5699-2-4) IEC 60335-2-7 (TCVN 5699-2-7)	18	One-phase electric sockets and plugs	IEC 60884-1 (TCVN 6188)
19	Kitchen Machines	IEC 60335-2-14 (TCVN 5699-2-15) IEC 60335-2-15	20	Thermal Storage Room Heaters	IEC 60335-2-61 (TCVN 5699-2-61)
21	Electric Shavers	IEC 60335-2-8 (TCVN 5699-2-8)	22	Electric Wires coated with PVC or PE	IEC 60228 IEC 60332-1 IEC 60811-1-1 IEC 60811-1-2 IEC 60811-1-4 IEC 60811-3-1 IEC 60811-3-2
23	Deep Fryers, Electric Wok	IEC 60335-2-9 (TCVN 5699-2-9) IEC 60335-2-13 (TCVN 5699-2-13)			

Note: The list will be updated from time to time and is available on the website: www.spring.gov.sg/safety and the ASEAN website : <http://www.aseansec.org/17417.htm>

No	Scope of testing for Regulated Commodities	No	Scope of testing for Regulated Commodities
45*	IEC 60335-2-74: 2003, Amd 1: 2006		

C – Certify to EMC and Safety Requirements

No	Scope of Certification for Regulated Commodities	Type of Certification
1	8518.22.00.00.3B Multiple loudspeakers, mounted in their enclosures (inspection scope: with built-in amplifier, those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
2	8518.50.00.00.8B Electric sound amplifier sets (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
3	8519.20.10.00.2B * Record-players operated by coins, banknotes, bank cards, tokens or by other means of payment (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
4	8519.89.00.00.2B * Other sound recording or reproducing apparatus (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
5	8519.30.00.00.2B * Turntables (record-decks) (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
6	8519.81.00.00.0A * Sound recording or reproducing apparatus for using magnetic, optical or semiconductor media (inspection scope: excluding those only DC power or HI-END audio)	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and III of the RPC Scheme
7	8519.81.00.00.0B * Sound recording or reproducing apparatus for using magnetic, optical or semiconductor media (inspection scope: those only DC power)	CNS 13439 (2004) Certify item in accordance with Module II and III of the RPC Scheme
8	8519.20.20.00.0B * Magnetic audio disc player operated by coins, banknotes, bank cards, tokens or by other means of payment (inspection scope: those only DC power)	CNS 13439 (2004) Certify item in accordance with Module II and III of the RPC Scheme
9	8519.20.90.00.5B * Other sound recording or reproducing apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
10	8527.12.00.00.4 Pocket-size radio cassette-players	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
11	8527.13.00.00.3 Other radio-broadcast receivers capable of operating without an external source of power, combines with sound recording or reproducing apparatus	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
12	8527.19.00.00.7 Radio-broadcast receivers capable of operating without an external source of power, not combined with sound recording or reproducing apparatus	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
13	8527.21.00.00.3 Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, combined with sound recording or reproducing apparatus	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
14	8527.29.00.00.5 Radio-broadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles, not combined with sound recording or reproducing apparatus	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
15	8527.91.00.00.8B * Other radio-broadcast receivers combined with sound recording or reproducing apparatus (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
16	8527.92.00.00.7B * Other radio-broadcast receivers, not combined with sound recording or reproducing apparatus but combined with a clock (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
17	8527.99.00.10.8B * Other radio-broadcast receivers (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme
18	8543.70.99.90.6C * Other sound reproducing apparatus (inspection scope: those only DC power)	CNS 13439 (1997) Certify item in accordance with Module II and III of the RPC Scheme

No	Scope of Certification for Regulated Commodities	Type of Certification
19.	8418.22.90.00.5 Other refrigerators, household type, absorption-type, electrical (inspection scope: total capacity not exceeding 700L)	CNS 3765 (2005) IEC 60335-2-24 (2005) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
20.	8422.11.00.00.1 Dish washers. (inspection scope: only below 1kW, 300V, single phase, AC)	CNS 3765 (2005) IEC 60335-2-5 (2005) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
21.	8422.19.00.00.3 Other dish washers. (inspection scope: only below 1kW, 300V, single phase, AC)	CNS 3765 (2005) IEC 60335-2-5 (2005) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
22.	8450.11.10.00.4 Fully-automatic washing machines, including machines which both wash and dry, each of a dry linen capacity of more than 8Kg to 10Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
23.	8450.11.20.00.2 Fully-automatic washing machines, including machines which both wash and dry, each of a dry linen capacity of 6Kg and over, but less than 8Kg(inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
24.	8450.11.30.00.0 Fully-automatic washing machines, including machines which both wash and dry, each of a dry linen capacity less than 6Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
25.	8450.12.10.00.3 Other washing machines, with built-in centrifugal drier, each of a dry linen capacity of 8Kg to 10 Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
26.	8450.12.20.00.1 Other washing machines, with built-in centrifugal drier, each of a dry linen capacity of 6Kg and over, but less than 8Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
27.	8450.12.30.00.9 Other washing machines, with built-in centrifugal drier, each of a dry linen capacity less than 6Kg(inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme

No	Scope of Certification for Regulated Commodities	Type of Certification
28.	8450.19.10.00.6 Other washing machines, each of a dry linen capacity of 8Kg to 10 Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
29.	8450.19.20.00.4 Other washing machines, each of a dry linen capacity of 6Kg and over but less than 8Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
30.	8450.19.30.00.2 Other washing machines, each of a dry linen capacity less than 6Kg(inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
31.	8450.20.00.00.5 Washing machines, including machines which both wash and dry, each of a dry linen capacity exceeding 10Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-7 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
32.	8451.21.10.00.1 Drying machines, each of a dry linen capacity of 8Kg to 10 Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-11 (2002)+A1 IEC 60335-2-43 (2002) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
33.	8451.21.20.00.9 Drying machines, each of a dry linen capacity less than 6Kg (dry weight) and over, but less than 8Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-11 (2002)+A1 IEC 60335-2-43 (2002) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
34.	8451.21.30.00.7 Drying machines, each of a dry linen capacity less than 6Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-11 (2002)+A1 IEC 60335-2-43 (2002) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
35.	8451.29.00.00.5 Drying machines, each of a dry linen capacity exceeding 10Kg. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-11 (2002)+A1 IEC 60335-2-43 (2002) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
36.	8467.21.00.00.5B Electric drills of all kinds, except portable electric drills, portable electric impact drills and portable electric hammer drills (inspection scope: AC power portable electric drills of all kinds)	CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme

No	Scope of Certification for Regulated Commodities	Type of Certification
37.	8467.22.00.00.4B Electric saws, except portable electric circular saws (inspection scope: electric saws for AC power)	CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
38.	8467.29.20.00.3 Electric scissors (inspection scope: Electric scissors for AC power)	CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
39.	8467.29.30.00.1 Electric / impact wrenches (inspection scope: Electric / impact wrenches for AC power)	CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
40.	8467.29.90.00.8 Other electro-mechanical tools for working in the hand (inspection scope: only for AC power)	CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
41.	8516.10.00.00.9A Electric instantaneous water heaters. (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-35 (2002) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
42.	8516.10.00.00.9B Storage water heaters (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-21 (2004) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
43.	8516.10.00.00.9C Electric storage drink water heaters (inspection scope: only not exceeding 250V 60A 500L)	CNS 3765 (2005) IEC 60335-2-15 (2005) CNS 13783-1 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
44.	8516.50.00.00.0 Microwave oven (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-25 (2005) CNS 13803 (2003) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
45.	8516.60.30.00.2 Electric magnetic cooker (inspection scope: only below 300V AC, single phase)	CNS 3765 (2005) IEC 60335-2-6 (2005) IEC 60335-2-9 (2004) CNS 13803 (2003) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
46.	8536.50.90.00.7A Household switch for fixed wiring (inspection scope: only not exceeding 300V)	IEC 60669-1 (2000) Certify item in accordance with Module II and III of the RPC Scheme
47.	8536.69.90.00.6A Plugs and socket-outlets for fixed wiring (inspection scope: only not exceeding 300V)	IEC 60884-2-5 (1995) Certify item in accordance with Module II and III of the RPC Scheme
48.	8536.69.90.00.6B Plugs and socket-outlets for appliances (inspection scope: only not exceeding 300V)	IEC 60320-1 (2001) Certify item in accordance with Module II and III of the RPC Scheme

No	Scope of Certification for Regulated Commodities	Type of Certification
49.	8418.50.00.00.9A Electric cooling cabinets (inspection scope: only below 300V, capacity not exceeding 100 liter)	CNS 13783-1 (2004) CNS 3765 (2005) IEC 60335-2-24 (2005-04) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
50.	8516.32.00.00.3B Permanent-wave appliances	CNS 13783-1 (2004) CNS 3765 (2005) IEC 60335-2-23 (2003-10) Certify item in accordance with Module II and IIV of the RPC Scheme
51.	8504.40.99.90.0 Other static converter	IEC 61558-1 (Edition 1.1-1998-07) Certify item in accordance with Module II and III of the RPC Scheme
52.	8521.10.12.00.8 Magnetic tape-type video tape recorder/player, other than the articles of tariff no.85211011 for magnetic tapes of a width of 3/4 inch and over	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
53.	8521.10.19.00.1 Other magnetic tape-type video tape recorder/player	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
54.	8521.10.22.00.6 Magnetic tape-type video tape recorder/player, other than the articles of tariff no.85211021 for magnetic tapes of a width of 3/4 inch and over	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
55.	8521.10.29.00.9 Other magnetic tape-type video tape player	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
56.	8521.90.10.00.3A Laser-optical video disc players (inspection scope: excluding those only DC power)	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
57.	8521.90.10.00.3B Laser-optical video disc players (inspection scope: those only using DC power and monitor)	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
58.	8521.90.10.00.3C Laser-optical video disc players (inspection scope: those only using DC power and without monitor)	CNS 13439 (2004) or CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
59.	8521.90.30.00.9 Digital record hard disk type video recorder/player or video player, with BNC connector which can connect out with RS 232, RS422 or GPI interface	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme

No	Scope of Certification for Regulated Commodities	Type of Certification
60.	8521.90.90.00.6 Other video recording or reproducing apparatus	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
61.	8528.21.90.00.3A Other color video monitors (inspection scope: only those for T.V use)	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
62.	8528.21.90.00.3B Other color video monitors	CNS 14408 (2004) CNS 13439 (2004) or CNS 14336 (2005) CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
63.	8528.22.90.00.2 Other black and white or other monochrome video monitors (inspection scope: only those for TV use)	CNS 14408 (2004) CNS 13439 (2004) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
64.	9009.11.00.00.0 Direct process electrostatic photo-copying apparatus	CNS 14336 (2005) CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
65.	9009.12.00.00.9 Indirect process electrostatic photo-copying apparatus	CNS 14336 (2005) CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
66.	9009.21.10.00.6 Monochrome photo-copying apparatus, incorporating an optical system	CNS 14336 (2005) CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme
67.	9009.21.20.00.4 Color photo-copying apparatus, incorporating an optical system	CNS 14336 (2005) CNS 13438 (2006) Certify item in accordance with Module II and IV or Module II and V or Module II and VII of the RPC Scheme

Note: This list will be updated from time to time and is available on the website: www.bsmi.gov.tw

(E) DESIGNATION UNDER THE MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY ASSESSMENT BETWEEN THE STANDARDS, PRODUCTIVITY AND INNOVATION BOARD AND THE BUREAU OF STANDARDS, METROLOGY AND INSPECTION (SPRING-BSMI EE MRA)

(II) The Conformity Assessment Body (CAB) indicated below is registered by BSMI, to conduct testing for BSMI.

No	Name of Designated Testing Labs	Address & Contact Person			
A	LabOne Singapore Pte Ltd No 13 International Business Park LabOne Building Singapore 609932 Website: www.labone.com.sg (Designated since 08 October 2007)	Ms Eileen Hooi Onsite Business Manager Tel: 65 6560 2221 / 9237 2656 Fax: (65) 6273 9495 Email: eileenhooi@labone.com.sg			
Scope of testing for BSMI					
1	8471.10.00.00.2 Analogy or hybrid automatic data processing machines	CNS 13438 (2006)	2	8471.60.90.10.0 Image scanners	CNS 13438 (2006)
3	8471.30.00.00.8 Portable digital automatic data processing machines, weighting not more than 10kg, consisting of at least a keyboard and a display	CNS 13438 (2006)	4	8471.60.90.20.8 Radio Mouse	CNS 13438 (2006)
5	8471.41.00.00.5 Other digital automatic data processing machines, comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined	CNS 13438 (2006)	6	8471.60.90.90.3 Other input or output units, whether or not presented with the test of a system and whether or not containing storage units in the same housing	CNS 13438 (2006)
7	8471.49.00.00.7 Other digital automatic data processing machines, presented in the form of system	CNS 13438 (2006)	8	8471.90.10.00.3 Computers controlled by the special programs and word processing machines with memory storage	CNS 13438 (2006)
9	8471.50.00.00.3 Digital processing units other than those of subheadings 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of units; storage units; input units, output units	CNS 13438 (2006)	10	8471.90.30.00.9 Magnetic or optical readers	CNS 13438 (2006)
11	8471.60.10.00.9 Terminals	CNS 13438 (2006)	12	8471.90.90.00.6 Others automatic data processing machine	CNS 13438 (2006)
13	8471.60.20.10.5 Dot matrix printer	CNS 13438 (2006)	14	8471.90.50.00.3 Automatic teller machines	CNS 13438 (2006)
15	8471.60.20.20.3 Laser printer	CNS 13438 (2006)	16	8504.40.20.00.3 Static converters for automatic data processing machines and units thereof, and telecommunication apparatus	CNS 13438 (2006)

Note: This list will be updated from time to time and is available on the website: www.bsmi.gov.tw

Scope of testing for BSMI					
17	8471.60.20.90.8 Other printer	CNS 13438 (2006)	18	8504.40.91.00.7 Other power supply, exchangeable type	CNS 13438 (2006)
19	8471.60.30.10.3 Radio Keyboard	CNS 13438 (2006)	20	8504.40.92.00.6 Other interruptible power supply, having a power handling capacity not exceeding 10kVA	CNS 13438 (2006)
21	8471.60.60.90.6 Other Keyboard	CNS 13438 (2006)	22	8504.40.93.00.5 Other uninterruptible power supply	CNS 13438 (2006)

Note: This list will be updated from time to time and is available on the website: www.bsmi.gov.tw

(F) DESIGNATION UNDER THE INDIA-SINGAPORE COMPREHENSIVE ECONOMIC COOPERATION AGREEMENT (CECA) ANNEX 5C – SECTORAL ANNEX ON ELECTRICAL AND ELECTRONIC PRODUCTS

(I) The Conformity Assessment Body (CAB) indicated below is registered by India, to conduct certification for India.

Name of Registered CAB		Contact Address / Person
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com		Mr Desmond Soh Product Manager, Certification Tel: (65) 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg India's Reference: PUBLIC NOTICE NO. 129 (RE-2007)/2004-09 NEW DELHI: the 26 th March, 2008 (Registration No: 01/2007-08)
Date of Registration by India		Since 29 May 2007
Scope of Designation		
No	Regulated Product in India	Compliance Standards
1	Residual current operated circuit breakers for household and similar uses – (Pt.1): Circuit breakers without integral overcurrent protection (RCCBs)	IEC 61008-1 (2 nd Ed): 1996, Amd 1 (2002) [IS 12640 Part 1: 2000]

(G) DESIGNATION UNDER THE APEC MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT (APEC EE MRA)

- (I) The Conformity Assessment Body indicated below is designated for Australia to conduct testing and certification to the mandatory requirements for products as tabulated below:-

Name of Designated CAB	Contact Address / Person	
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	<u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg	<u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification Department Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg
Date of Designation	7 November 2008	

No	Scope of Designation	Scope of Testing	Scope of Certification
1	Battery charger – automotive type	AS/NZS 3350.2.29	AS/NZS 3350.2.29
2	Battery charger – general type	AS/NZS 3108 AS/NZS 3250 AS/NZS 60065 AS/NZS 3260 AS/NZS 60950	AS/NZS 3108 AS/NZS 3250 AS/NZS 60065 AS/NZS 3260 AS/NZS 60950
3	Bread Toaster	AS/NZS 3350.2.9	AS/NZS 3350.2.9
4	Clothes dryer – rotary type Clothes dryer – cabinet type	AS/NZS 3350.2.11 AS/NZS 3350.2.43	AS/NZS 3350.2.11 AS/NZS 3350.2.43
5	Cooking appliance – portable type	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13
6	Decorative lighting outfit	AS/NZS 60598.2.20	AS/NZS 60598.2.20
7	Dishwashing machine	AS/NZS 3350.2.5	AS/NZS 3350.2.5
8	Extra-low voltage power supply unit	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61558 series	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61558 series
9	Fan	AS/NZS 3350.2.80	AS/NZS 3350.2.80
10	Fluorescent lamp ballast	AS/NZS 60928 AS 3168	AS/NZS 60928 AS 3168
11	Fluorescent lamp starter	AS 3138 AS/NZS 60155	AS 3138 AS/NZS 60155
12	Hair care appliance	AS/NZS 3350.2.23	AS/NZS 3350.2.23
13	Immersion heater – fixed type Immersion heater – portable type Immersion heater – aquarium type	AS/NZS 3350.2.73 AS/NZS 3350.2.74 AS/NZS 3350.2.55	AS/NZS 3350.2.73 AS/NZS 3350.2.74 AS/NZS 3350.2.55
14	Insect electrocutor	AS/NZS 3350.2.59	AS/NZS 3350.2.59
15	Inspection handlamp	AS/NZS 60598.2.8	AS/NZS 60598.2.8
16	Iron	AS/NZS 3350.2.3	AS/NZS 3350.2.3
17	Kitchen Machine	AS/NZS 3350.2.14	AS/NZS 3350.2.14
18	Liquid heating appliance	AS/NZS 3350.2.15 AS/NZS 3350.2.98	AS/NZS 3350.2.15 AS/NZS 3350.2.98
19	Luminaire – portable type	AS/NZS 60598.2.4 AS/NZS 60598.2.8 AS/NZS 60598.2.10 AS/NZS 60598.2.23 AS/NZS 3128	AS/NZS 60598.2.4 AS/NZS 60598.2.8 AS/NZS 60598.2.10 AS/NZS 60598.2.23 AS/NZS 3128

No	Scope of Designation	Scope of Testing	Scope of Certification
20	Massage appliance	AS/NZS 3350.2.32	AS/NZS 3350.2.32
21	Microwave oven	AS/NZS 3350.2.25	AS/NZS 3350.2.25
22	Miniature over-current circuit breaker	AS 3111	AS 3111
23	Range	AS/NZS 3350.2.6	AS/NZS 3350.2.6
24	Range hood	AS/NZS 3350.2.31	AS/NZS 3350.2.31
25	Razor / Hair clipper	AS/NZS 3350.2.8	AS/NZS 3350.2.8
26	Refrigerating appliance	AS/NZS 3350.2.24	AS/NZS 3350.2.24
27	Residual current device	AS/NZS 3175.1 AS 3190	AS/NZS 3175.1 AS 3190
28	Room heater	AS/NZS 3350.2.30	AS/NZS 3350.2.30
29	Sewing machine	AS/NZS 3350.2.28	AS/NZS 3350.2.28
30	Soldering iron	AS/NZS 3350.2.45	AS/NZS 3350.2.45
31	Television receiver	AS/NZS 60065	AS/NZS 60065
32	Therapeutic lamp	AS/NZS 3350.2.27	AS/NZS 3350.2.27
33	Vacuum cleaner	AS/NZS 3350.2.2	AS/NZS 3350.2.2
34	Washing machine	AS/NZS 3350.2.7	AS/NZS 3350.2.7
35	Water heater – storage type Water heater – instantaneous type	AS/NZS 3350.2.21 AS/NZS 3350.2.35	AS/NZS 3350.2.21 AS/NZS 3350.2.35

Note: The list will be updated from time to time and is available on the website:
www.spring.gov.sg/safety

- (II) The Conformity Assessment Body indicated below is designated for New Zealand to conduct testing and certification to the mandatory requirements for products as tabulated below:-

Name of Designated CAB	Contact Address / Person	
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	For enquiry on testing:- Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg	For enquiry on certification:- Mr Desmond Soh Product Manager Certification Department Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg
Date of Designation	7 November 2008	

No	Scope of Designation	Scope of Testing	Scope of Certification
1	Power supply or charger	AS/NZS 3350.2.29 AS/NZS 60065 AS/NZS 60950 AS/NZS 3108 AS/NZS 3250 AS/NZS 3260	AS/NZS 3350.2.29 AS/NZS 60065 AS/NZS 60950 AS/NZS 3108 AS/NZS 3250 AS/NZS 3260
2	Bread Toaster	AS/NZS 3350.2.9	AS/NZS 3350.2.9
3	Clothes dryer (rotary) Clothes dryer (cabinet)	AS/NZS 3350.2.11 AS/NZS 3350.2.43	AS/NZS 3350.2.11 AS/NZS 3350.2.43
4	Cooking appliance – Portable Type	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13	AS/NZS 3350.2.9 AS/NZS 3350.2.12 AS/NZS 3350.2.13
5	Decorative lighting outfit	AS/NZS 60598.2.20	AS/NZS 60598.2.20
6	Dishwasher (domestic)	AS/NZS 3350.2.5	AS/NZS 3350.2.5
7	Extra-low voltage power supply unit	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61046 AS/NZS 61558 series	AS/NZS 3108 AS/NZS 60065 AS/NZS 60950 AS/NZS 61558 series
8	Fan	AS/NZS 3350.2.80	AS/NZS 3350.2.80
9	Fluorescent lamp ballast	AS/NZS 60928 AS 3168	AS/NZS 60928
10	Fluorescent lamp starter	AS 3138 AS/NZS 60155	AS/NZS 60155
11	Hair care appliance	AS/NZS 3350.2.23	AS/NZS 3350.2.23
12	Immersion heater	AS/NZS 3350.2.73 AS/NZS 3350.2.74 AS/NZS 3350.2.55	AS/NZS 3350.2.73 AS/NZS 3350.2.74 AS/NZS 3350.2.55
13	Insect electrocutor	AS/NZS 3350.2.59	AS/NZS 3350.2.59
14	Inspection handlamp	AS/NZS 60598.2.8	AS/NZS 60598.2.8
15	Iron	AS/NZS 3350.2.3	AS/NZS 3350.2.3
16	Kitchen Machine	AS/NZS 3350.2.14	AS/NZS 3350.2.14
17	Liquid heating appliance	AS/NZS 3350.2.15 AS/NZS 3350.2.98	AS/NZS 3350.2.15 AS/NZS 3350.2.98
18	Luminaire - Portable type	AS/NZS 60598.2.4 AS/NZS 60598.2.6 AS/NZS 60598.2.8 AS/NZS 3128	AS/NZS 60598.2.4 AS/NZS 3128
19	Luminaire – Child appealing type	AS/NZS 60598.2.10	AS/NZS 60598.2.10
20	Massage appliance	AS/NZS 3350.2.32	AS/NZS 3350.2.32
21	Microwave oven	AS/NZS 3350.2.25	AS/NZS 3350.2.25
22	Miniature over-current circuit breaker	AS 3111	AS 3111
23	Range	AS/NZS 3350.2.6	AS/NZS 3350.2.6

No	Scope of Designation	Scope of Testing	Scope of Certification
24	Range hood	AS/NZS 3350.2.31	AS/NZS 3350.2.31
25	Razor / Hair clipper	AS/NZS 3350.2.8	AS/NZS 3350.2.8
26	Refrigerating appliance	AS/NZS 3350.2.24	AS/NZS 3350.2.24
27	Residual current device	AS/NZS 3175.1 AS 3190	AS 3190
28	Room heater	AS/NZS 3350.2.30	AS/NZS 3350.2.30
29	Sewing machine	AS/NZS 3350.2.28	AS/NZS 3350.2.28
30	Soldering iron	AS/NZS 3350.2.45	AS/NZS 3350.2.45
31	Television receiver	AS/NZS 60065	AS/NZS 60065
32	Therapeutic lamp	AS/NZS 3350.2.27	AS/NZS 3350.2.27
33	Vacuum cleaner	AS/NZS 3350.2.2	AS/NZS 3350.2.2
34	Washing machine	AS/NZS 3350.2.7	AS/NZS 3350.2.7
35	Water heater (storage) Water heater (instantaneous)	AS/NZS 3350.2.21 AS/NZS 3350.2.35	AS/NZS 3350.2.21 AS/NZS 3350.2.35

Note: The list will be updated from time to time and is available on the website:
www.spring.gov.sg/safety

(III) The Conformity Assessment Body indicated below is designated for Malaysia to conduct testing to the mandatory requirements for products as tabulated below:-

Name of Designated CAB	Contact Address / Person	
TÜV SÜD PSB Pte Ltd (formerly known as PSB Corporation Pte Ltd) 1 Science Park Drive Singapore 118221 website: www.tuv-sud-psb.com	<u>For enquiry on testing:-</u> Mr Deng Jun Hong Vice President Electrical and Electronic Centre Tel: 65 6885 1449 Fax: (65) 6777 6409 Email: junhong.deng@tuv-sud-psb.sg	<u>For enquiry on certification:-</u> Mr Desmond Soh Product Manager Certification Department Tel: 65 6885 1268 Fax: (65) 6779 2577 Email: desmond.soh@tuv-sud-psb.sg
Date of Designation	7 November 2008	

No	Scope of Designation	Scope of Testing
1	Plug Top / Plugs - 13A Fused plugs - 15A Fused plugs - Adaptors (multiway) - Cable Connectors	BS 1363: Part 1 BS 546 BS 1363:Part 3 IEC 60998-1 IEC 60998-2-1 IEC 60998-2-2 IEC 60998-2-3 IEC 60998-2-4 IEC 60998-2-5
2	Switches And Dimmers - General purpose switches - Electronic switches - Remote-control switches - Time Delay Switches	IEC 60669-1 IEC 60669-2-1 IEC 60669-2-2 IEC 60669-2-3
3	Socket Outlets 15A and Below (With or Without ELCB / RCCB) - 13A Unswitched Socket Outlets - 13A Portable Switched Socket Outlets - 15A Socket Outlets - Cooker Control units - Portable 2-Pin Socket Outlets	BS 1363: Part 2 BS 1363: Part 2 BS 546 BS 4177 SS 448
4	Lamp holders - Lampholders for tubular fluorescent lamps - Starterholders for tubular fluorescent lamps	IEC 60400
5	Fluorescent Lamps Fittings (Excluding Tubes If Imported Separately) - Fixed general purpose luminaires - Recessed luminaires - Lampholders / Starterholders - Glow-starters for tubular fluorescent	IEC 60598-2-1 IEC 60598-2-2 IEC 60400 IEC 60155
6	Capacitors For Fluorescent Lamps - Capacitors for use in tubular fluorescent lamp circuit	IEC 61048 IEC 61049
7	Ballast For Fluorescent Lamps - Ballast for tubular fluorescent lamp - Electronic Ballast	IEC 60920 IEC 60921 IEC 60928 IEC 60929
8	Circuit Breakers (Including AC Current Operated Earth Leakage Circuit Breakers And Miniature Circuit Breakers) - Residual Current Circuit Breakers - Miniature Circuit Breaker (MCB) - RCBO's - Fuse Base & Carrier up to 32A - Fuses/Fuse Links up to 63A	IEC 61008-1 IEC 60898 IEC 61009-1 IEC 61009-2-1 IEC 61009-2-2 IEC 60269-1 IEC 60269-2, IEC 60269-2-1
9	Instantaneous Water Heaters (Including Heater Elements If Imported Separately) - Electric Storage Water Heaters	IEC 60335-2-21

No	Scope of Designation	Scope of Testing
10	Hand Operated Hair Dryer - Electric Hair Dryers - Electric Hair Styling Sets	IEC 60335-2-23
11	Table Lamps Having Accessible Metal Parts - Electric Standing Lamps - Electric Table Lamps - Electric Hand Lamps	IEC 60598-2-4 IEC 60598-2-8
12	Electric Smoothing Irons - Electric Irons	IEC 60335-2-3
13	Electric Shavers (Excluding Battery Operated) - Electric Hair Clippers - Electric Shavers	IEC 60335-2-8
14	Electric Kettles (Including Heating Elements If Imported Separately) - Electric Coffee/ Tea Makers - Electric Deep Fryers - Electric Jugs - Electric Egg Boilers - Electrical Multi-purpose cookers - Electric Food Steamers - Electric Warming Plates - Electric Slow Cookers - Electric Steam Boats - Electric Built in Hobs - Electric Kettles - Electric Airpots - Electric Steam Generator Appliances - Electric Heating Elements for Kettles	IEC 60335-2-15 IEC 60335-2-13 IEC 60335-2-15 IEC 60335-2-15 IEC 60335-2-9 IEC 60335-2-13 IEC 60335-2-15 IEC 60335-2-15 IEC 60335-2-12 IEC 60335-2-15 IEC 60335-2-15 IEC 60335-2-36 IEC 60335-2-15 IEC 60335-2-15 IEC 60335-2-15 IEC 60335-2-15
15	Immersion Water Heater - Electric Fixed Immersion Heaters - Portable Immersion Heater	IEC 60335-2-73 IEC 60335-2-74
16	Food Mixers / Blenders - Electric Blenders - Electric Choppers - Electric Food Processors - Electric Juice Extractors - Electric Grinders - Electric Mixers	IEC 60335-2-14
17	Hi Fi Sets - Sub-woofer - Amplifier - Cassette Player - Equalizers/ Mixers - Hi-Fi System - Karaoke - Laser Disc Player - PA System - Portable Hi-Fi System - Portable RadioCassette Player / Recorder - Radio - Radio Alarm - Tuner / Receiver - Turn tables / Record Players - Compact Disc Players	IEC 60065
18	Toasters - Electric Bread Makers - Electric Bread Toasters - Electric Portable Ovens - Electric Grillers - Electric Sandwich Makers / Waffle Makers - Electric Roasters - Electric Microwave Ovens - Electric Stationary Electric Ovens	IEC 60335-2-9 IEC 60335-2-25 IEC 60335-2-6
19	Televisions - Television - Projection Television	IEC 60065

No	Scope of Designation	Scope of Testing
20	Vacuum Cleaners - Carpet Cleaners - Vacuum Cleaners & Accessories	IEC 60335-2-2
21	Video Players - Video compact disc players - Video Cassette Recorder / Players - Digital versatile disc players - Video Rewinder - Children Video Games	IEC 60065
22	Washing Machines - Electric Cloth Dryers - Electric Washing Machines	IEC 60335-2-43 IEC 60335-2-7 IEC 60335-2-4
23	Refrigerators - Electric Refrigerators - Electric Freezers - Electric Minibars	IEC 60335-2-24
24	Electric Rice Cookers	IEC 60335-2-15
25	Christmas Light And Running Light - Lighting chains	IEC 60598-2-20
26	Domestic Power Tools - Electric Sewing Machines - Electric Soldering Irons - Portable Battery Chargers (up to 12V)	IEC 60335-2-28 IEC 60335-2-45 IEC 60335-2-29

Note: The list will be updated from time to time and is available on the website:
www.spring.gov.sg/safety

APPENDIX M

Summary of Updates

Item	Before	After
Appendix L, Table (B) (II) – SETS expansion in scope of designation for Australia under the ASMRA		Plug (AS/NZS 3112)
Appendix L, Table (B) (II) – contact personnel of LabOne (S) Pte Ltd as Designated Testing Laboratory for Australia	Ms Wendy Nya – Technical Manager	Ms Eileen Hooi – Onsite Business Manager
Appendix L, Table (C) (I) – added expanded scope of designation of TÜV SÜD PSB Pte Ltd as Designated Testing Laboratory for NZ		Expanded nine more EE products to the Safety testing for NZ & three more EE to the EMC testing for NZ.
Appendix L, Table (C) (II) – SETS expansion in scope of designation for NZ under the ANZSCEP		Plug (AS/NZS 3112)
Appendix L, Table (C) (III) – contact personnel of LabOne (S) Pte Ltd as Designated Testing Laboratory for NZ	Ms Wendy Nya – Technical Manager	Ms Eileen Hooi – Onsite Business Manager
Appendix L, Table (E) – expansion in scope of testing for BSMI	<ul style="list-style-type: none"> • 34 EE products for Safety Testing • Scope of designation was 22 items 	<ul style="list-style-type: none"> • 45 EE products for Safety Testing (denoted with asterisk) • Due to modification to the CCC coding, the 22 items has reduced to 18 commodities. BSMI has expanded another 49 commodities to TÜV SÜD PSB. Thus, TÜV SÜD PSB can certify up to 18 + 49 = 67 regulated commodities for Taiwan.
Appendix L: added Table (G) on TÜV SÜD PSB Pte Ltd as the CAB for Australia, Malaysia and New Zealand under the APEC EE MRA	(new)	

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