VIET NAM CONSUMER PROTECTION
(SAFETY REGULATION OF
ELECTRICAL AND ELECTRONIC EQUIPMENT)
REGISTRATION SCHEME

Information Booklet
(version 1.0)

Directorate for Standards,
Metrology and Quality (STAMEQ)
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<td>16</td>
</tr>
</tbody>
</table>
1 PREFACE

This information booklet serves as a guide to registration of controlled goods and other requirements related to the controlled goods registration scheme in Viet Nam.

Directorate for Standards, Metrology and Quality 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.

Our address is:

Directorate for Standards, Metrology and Quality
8 Hoang Quoc Viet, Ha Noi, Viet Nam
Telephone:  84-4-37911630
Facsimile:  84-4-37911595
Email:  htql@tcvn.gov.vn
Website:  www.tcvn.gov.vn

2 INTRODUCTION

The objective of the Controlled Goods Registration Scheme is to protect consumers’ interest by ensuring that household electrical and electronic products, designated as controlled goods, meet the Safety Technical Regulation. The regulation is equally applied to both domestic and imported products. At the time being, there are thirteen (13) categories of controlled goods in Viet Nam. The list of controlled goods and applicable safety standards are provided in Chapter 6 of this information booklet.

Registration of controlled goods under the Safety Technical Regulation is based on Certificate of Conformity (CoC) issued by designated third-party Conformity Assessment Bodies (CABs). An overall view of the registration process is shown in Appendix B.

We would like to draw your attention to Safety Technical Regulation, where it is stipulated that no person shall trade, supply or advertise for the purpose of supplying any of the controlled goods in Viet Nam after the specified dates, unless the controlled goods are registered and affixed with the Conformity Mark (CR Mark).

3 WHO SHOULD BE CONCERNED WITH THIS SCHEME

Consumers

To assure that consumers’ interest can be met, consumers are strongly advised to purchase controlled goods that are registered with the Regulatory Authority and affixed with the CR Mark. Registered controlled goods that have met the safety requirements specified by Technical Regulation are, in general, safe to accidental fire, electric shock, explosion, radiation and other hazards that could result in injuries or deaths to humans and/or damages to private properties.

Suppliers

Manufacturers, importers (including parallel importers), distributors and retailers who are involved in advertising and/or supplying the controlled goods must ensure that their obligations under the Safety Technical Regulation are fulfilled.

This Information Booklet is to assist suppliers in understanding the requirements and procedures when they apply for registration of controlled goods.
4 LEGAL BASES

Decision No. 24/2007/QD-BKHCN, dated 28 September 2007 issued by Ministry of Science and Technology promulgating “Regulation on certification of conformity to standards, technical regulations and declaration of conformity to standards, technical regulations”.

QCVN 4:2009/BKHCN, National Technical Regulation on Safety of EE products dated 30 September 2009 approved by Ministry of Science and Technology.


Decree 54/2009/ND-CP dated 05 June 2009 issued by Viet Nam government promulgating measures of penalty on violation of regulations in field of standardization, metrology and quality.

Circular No. 17/2009/TT-BKHCN dated 18 June 2009 issued by the Ministry of Science and Technology guiding imported products quality control.

Decision No. 402/QD-TDC dated 25 March 2009 issued by Directorate for Standards, Metrology and Quality on “Guidelines to Certification of Conformity to Technical regulation for Electrical and Electronic products”

5 PARTIES THAT NEED TO APPLY FOR REGISTRATION

Only one party involved in the supply chain of the controlled goods in Viet Nam needs to register the controlled goods with the Regulatory Authority. No party shall be allowed to advertise and/or supply the controlled goods unless they have been registered with the Regulatory Authority. The registration is non-transferable.

Importer

Importers who import controlled goods that are meant for Viet Nam are required to apply for registration with the Regulatory Authority. No registration is needed if the controlled goods are meant for export only. However, these ‘For Export Only’ controlled goods shall not be advertised, supplied, displayed in any retail outlets and/or made available for sale in Viet Nam under any circumstances.

Parallel Importer

Any parallel importer of the same brand and model of controlled goods are also required to apply for registration.

Retailer

Retailers are only required to apply for registration if they import the controlled goods themselves.

Manufacturer

Any local manufacturers in Viet Nam who supply the controlled goods to the domestic market are required to apply for registration of goods prior to sale.

Distributor

Since the Certificate of Conformity (CoC) is not transferable, when a company relegates its ownership of its registered controlled goods to another business entity, the latter has to re-register the controlled goods with the Regulatory Authority prior to sale on the domestic market.
### CONTROLLED GOODS AND THEIR APPLICABLE SAFETY STANDARDS

<table>
<thead>
<tr>
<th>TT</th>
<th>Controlled Goods</th>
<th>Vietnamese Standards</th>
<th>Relevant International Standards</th>
<th>Application date specified from</th>
</tr>
</thead>
</table>
7 REGULATORY AUTHORITY’S REQUIREMENTS

The Regulatory Authority monitors the safety of the controlled goods sold in Viet Nam by investigating all complaints, incidents and accidents reported to the authority. Experiences gained are expected to be translated into the Regulatory Authority’s Requirements. These new requirements are to be fulfilled in addition to the applicable safety standards.

<table>
<thead>
<tr>
<th>No</th>
<th>Items</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Conformity to Regulations or Conformity (CR) Mark</td>
<td>All controlled goods must bear CR mark based on Certificate of conformity issued by the designated third-party CAB</td>
</tr>
<tr>
<td>2</td>
<td>Certificate of conformity/Report of conformity</td>
<td>For products being certified according to system 5, Certificate of conformity/Report of conformity shall be valid no more than three (3) years and shall be rejected. For products being certified according to system 7, Certificate of conformity/Report of conformity is valid for the lot only.</td>
</tr>
<tr>
<td>3</td>
<td>All appliances</td>
<td>Vision inspection</td>
</tr>
<tr>
<td>4</td>
<td>All appliances</td>
<td>Quick test: insulated resistance, leakage current, etc (according to applicable safety standard specified in the Technical Regulation)</td>
</tr>
</tbody>
</table>

8 REGISTRATION PROCEDURE

Suppliers who wish to supply the controlled goods into Viet Nam’s market shall submit a set of specified technical file to the Regulatory Authority. The Regulatory Authority will proceed a documents review. If no evidence of compliance of goods with the Technical Regulation has been found, the Regulation Authority will request conformity assessment.

The supplier shall submit them to designated third-party CAB for certification. The designated third-party CAB maybe a local or foreign based under an appropriate mutual recognition agreement (MRA) and will be hereinafter referred as a Listed CAB (Appendix D & E).

Controlled goods shall be certificated using system 5 in general including Factory Inspection, type testing of selected samples and frequent after-certification surveillance (every six or nine months). The supplier can also apply for Certification by system 7 including testing, assessment for the lot.

After the controlled goods have been successfully certified for conformity to Technical Regulation, the listed CAB shall issue Certificate of Conformity (CoC) with Certification Code and guidance for supplier to prepare CR Mark according to the most current specification. The suppliers can then affix the CR Mark (Appendix C) either on the registered controlled goods or their packaging. Then the suppliers submit complete technical file as specified in Chapter 10 and proceed registration of the controlled goods to Regulatory Authority before commencing supply to the market.

The Certificate of Conformity (CoC) is valid for the lot submitted only if controlled products are certified according to system 7.

The Certificate of Conformity is valid for three (3) years if controlled products are certified according to system 5.

The certification code (XXYYYY-ZZ) is a unique number issued by the listed CAB which is traceable to the Suppliers and the registered controlled goods of type/model/lots under the particular certification. The connotation of the certification number is as following:
XX = year of certification (e.g. 01 for year 2001)
YYYY = serial number (e.g. 1234)
ZZ = CAB identity code (e.g. 11 for CAB ‘A’)

A flow-chart for registration of controlled goods is found in Appendix B.

Suppliers who have test reports issued by testing laboratories of the listed CABs (Appendix E) can apply test reports to the local listed CABs only for certification of their controlled goods. The local listed CABs shall certify the controlled goods without re-testing unless the test reports are found not to be in full compliance to the safety requirements specified in this booklet.

In cases where there are modifications of the registered controlled goods, the Suppliers are required to inform the listed CABs to which the related goods were originally submitted for certification or the Regulatory Authority depending on the type of modifications described in Chapter 9.

9 MODIFICATIONS OF REGISTERED CONTROLLED GOODS

Modification (including technical and non-technical changes) refers to any change made to the registered controlled goods. Non-technical changes are (i) colour change; (ii) change relating only to factory location but without change in the manufacturing process (including testing facilities) or a change of the manufacturer; and/or (iii) change in the year of production.

The Suppliers may approach the Regulatory Authority to determine whether re-certification of the registered controlled goods is required as a result of modification.

The Suppliers shall update their technical file on the registered controlled goods with details of the change.

In a case where there is modification to the registered controlled goods, the following scenarios shall apply:

a) If the modification does not result in a change in the model number even though the change is a technical one:
   i) The controlled goods have to be re-registered with the Regulatory Authority.
   ii) The Supplier only needs to submit the modification to the certifying Listed CAB for updating related certification files and/or re-certification if necessary. The Supplier is to update the technical file with the test report and certification attesting that the modification still meets the safety standard requirements.

b) If the modification does not result in a change in the model number and the change is a non-technical one, which does not affect safety aspects of the controlled goods:
   i) The controlled goods have to be re-registered with the Regulatory Authority.
   ii) The controlled goods do not have to be re-certified.
   iii) The Supplier only needs to update the technical file with the modification, e.g. merely change(s) in the aesthetics that does (do) not affect the safety of the controlled goods.
   iv) The Supplier shall be responsible to ensure that the modification does not compromise the safety of the controlled goods.
c) If the modification results in a change in the model number and the change is a technical one:

i) The controlled goods have to be re-registered with the Regulatory Authority as per procedure indicated in Chapter 8.

ii) The controlled goods have to be re-certified with the Listed CAB as per procedure indicated in Chapter 8.

iii) A new CoC bearing a new certification code is required

iv) The Supplier needs to create a new technical file.

d) If the modification results in a change in the model number even though the change is a non-technical one and does not affect the safety of the controlled goods:

i) The controlled goods do not have to be re-certified but the change in model number of the certified controlled goods shall be updated to the listed CAB provided the original certification. The CAB shall have to revise the technical files to decide the appropriate action(s) regarding the certified goods under review including certification code issue.

ii) The controlled goods have to be re-registered with the Authorized Local Quality Control Body.

iii) The Supplier needs to update a technical file and submit to the listed CAB provided original certification for revision.
10 TECHNICAL FILE

Every Supplier in Viet Nam is required to maintain technical files of all their registered controlled goods for at least ten (10) years from the date of issue of the CoC or the last renewed CoC. The requested contents of the technical files are specified in the table below.

The maintenance of the technical files is necessary to enable the Regulatory Authority to carry out its investigation duties in the event of a complaint, incident or accident. Upon receiving request made by the Regulatory Authority, the Suppliers must provide the relevant technical files to the Regulatory Authority. In addition, the Suppliers shall be responsible for the regular updating of the technical files especially if there have been modifications made to the registered controlled goods. Supplementary testing and certification are required if there are modifications with safety implications.

LIST OF DOCUMENTS TO BE INCLUDED IN THE TECHNICAL FILE

<table>
<thead>
<tr>
<th>No.</th>
<th>Type of Document</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Certificate of Conformity</td>
</tr>
<tr>
<td>2</td>
<td>Test Reports *</td>
</tr>
<tr>
<td>3</td>
<td>Full Electrical Wiring/Circuit Diagrams or Service Manual</td>
</tr>
<tr>
<td></td>
<td>(Circuit diagrams must indicate the component’s values, or</td>
</tr>
<tr>
<td></td>
<td>alternatively, be supported with Bill of Material/Part List.)</td>
</tr>
<tr>
<td>4</td>
<td>Photographs showing exterior (whole, front, top and rear</td>
</tr>
<tr>
<td></td>
<td>view of controlled goods, nameplate, rating label, mains</td>
</tr>
<tr>
<td></td>
<td>plug, etc.) and interior (critical safety components)</td>
</tr>
<tr>
<td></td>
<td>views. Polaroid photographs as well as photocopies (in black</td>
</tr>
<tr>
<td></td>
<td>and white) are not acceptable. Photographs for similar/derived</td>
</tr>
<tr>
<td></td>
<td>models must also be kept together with the photographs of</td>
</tr>
<tr>
<td></td>
<td>the basic model.</td>
</tr>
<tr>
<td>5</td>
<td>Rating Label (if it is not clear in the photograph)</td>
</tr>
<tr>
<td></td>
<td>To provide an original or clear photograph or artwork.</td>
</tr>
<tr>
<td>6</td>
<td>User’s Instruction Manual (English version must be included</td>
</tr>
<tr>
<td></td>
<td>for the imported goods and Vietnamese version is highly</td>
</tr>
<tr>
<td></td>
<td>recommended (the Manual in Vietnamese is required for the</td>
</tr>
<tr>
<td></td>
<td>goods to be distributed in domestic market)</td>
</tr>
<tr>
<td>7</td>
<td>Record of Modification, if any</td>
</tr>
</tbody>
</table>

Note:
* Suppliers are strongly encouraged to maintain the testing results of every registered controlled goods. The testing results may be of help to determine whether the fault occurring in an incident or accident is attributed to a single product or a single batch.
For the purposes of this document, the following terms and definitions apply.

1. **CAB** means Conformity Assessment Body that conducts Conformity assessment for Controlled Goods.

2. **CAB (Local)** means CAB that is located in Viet Nam and is designated by Directorate for Standards, Metrology and Quality, the Designating Authority to issue CoC for products or controlled goods supplied in Vietnam.

3. **CAB (Foreign - MRA)** means CAB that is located in the MRA partner country designated by the Designating Authority of the MRA partner country to issue CoC which is recognized and/or accepted by the Vietnamese Designating Authority.

4. **Listed CAB** is CAB (Local) or CAB (Foreign - MRA).

5. **CoC** means Certificate of Conformity issued by either CAB (Local) or CAB (Foreign - MRA).

6. **Controlled goods** means any goods of a type, class or description specified in the Technical Regulation on EE products safety QCVN 4:2009/BKHCN.

7. **MRA** means a Mutual Recognition Agreement or Arrangement between Viet Nam and any other country/territory.

8. **RTL** means a Recognized Testing Laboratory.

9. **Registered controlled goods** means any controlled goods registered with the Regulatory Authority.

10. **Regulator** means Ministry of Science and Technology authorized by the Government to take full responsibility to manage quality of the specified group of goods and product and the Provincial Body authorized by local government for goods and products quality management within the city or province’s scope.

11. **Designating Authority** means Directorate for Standards, Metrology and Quality authorized by the Regulator to manage Quality and Safety Assurance system to the controlled electrical and electronic products.

12. **Regulatory Authority** means Provincial/Municipal Department for Standards, Metrology and Quality authorized by the Designating Authority to implement Quality and Safety Assurance system and regulations for electrical and electronic products.

13. **CR Mark** means the Mark of conformity to Technical Regulation


15. **TCVN** means Vietnamese National Standard.
Appendix B

FLOW-CHART FOR DESIGNATION, CONFORMITY ASSESSMENT AND REGISTRATION
GUIDELINES FOR USING CR MARK ON THE REGISTERED GOODS

1) Structure and size of mark of conformity to technical regulations shall be defined as follows.
   i) The conformity mark shall be formed as description at Figure 1.

![Figure 1 – Form of the CR Mark of conformity to technical regulations](image)

   ii) The basic composition of mark of conformity to technical regulations shall be detailed in Figure 2.

![Figure 2 – Basic composition of CR mark of conformity to technical regulations](image)

Note

\[
H = 1.5 \, a \\
H = 0.5 \, H \\
C = 7.5 \, H
\]

2) The CR Mark may be fixed directly on products/goods or on packages or fixed on products/goods at visible readable position, while can be printed in attached technical documents.

3) The CR Mark may be made larger or smaller but has to be kept with the defined dimensional ratio and visibility.

4) The CR Mark shall be presented only in a same colour.
## Appendix D

### CONFORMITY ASSESSMENT BODIES (LOCAL)

#### I) Designated Certification Body – For Product Certification (CoC)

<table>
<thead>
<tr>
<th>No</th>
<th>Name of Certification Body</th>
<th>Address &amp; Contact Person</th>
</tr>
</thead>
</table>
| 1. | VIET NAM CERTIFICATION CENTRE (QUACERT) | No.8 Hoang Quoc Viet Ha Noi, Viet Nam  
Contact person: Mr Nguyen Nam Hai (Director)  
Tel: 84-4-37561025  
Fax: 84-4-37563188  
Email: hainn@quacert.gov.vn  
Website: www.quacert.gov.vn |
| 2. | QUALITY ASSURANCE AND TESTING CENTRE 1 (QUATEST 1) | No.8 Hoang Quoc Viet Hanoi, Viet Nam  
Contact person: Mr. Nguyen Canh Toi (Director)  
Tel: 84-4-38363795  
Fax: 84-4-38361189  
Email: quatest1@fpt.vn  
Website: www.quatest1.com.vn |
| 3. | QUALITY ASSURANCE AND TESTING CENTRE 2 (QUATEST2) | No.97 Ly Thai To St, Da Nang, Viet Nam  
Contact person: Mr. Doan Ngoc Ky (Director)  
Tel: 84-511-3826871  
Fax: 84-511-3820868  
Email: quatest2@dng.vnn.vn  
Website: www.quatest2.com.vn |
| 4. | QUALITY ASSURANCE AND TESTING CENTRE 3 (QUATEST 3) | No. 49 Pasteur street, District 1 Ho Chi Minh City, Viet Nam  
Contact person: Mr. Hoang Lam (Vice Director)  
Tel: 84-8-3829 4274  
Fax: 84-8-3829 3012  
Email: infor@quatest3.com.vn  
Website: www.quatest3.com.vn |
| 5. | BUREAU OF QUALITY CERTIFICATION (BQC) | 4th floor, No. 3F, Tuoi tre drive, Hoang Quoc Viet St., Cau Giay District – Ha Noi  
Contact person: Mr. Hoang Van Lai (Director)  
Tel: 84-4-37930954  
Fax: 84-4-37932007  
Website: www.bqc.com.vn |
## II) Testing Laboratories – For Product Testing

<table>
<thead>
<tr>
<th>No</th>
<th>Name of Certification Body</th>
<th>Address &amp; Contact Person</th>
</tr>
</thead>
</table>
| 1. | QUALITY ASSURANCE AND TESTING CENTRE 1 (QUATEST 1) | No.8 Hoang Quoc Viet Hanoi, Viet Nam  
Contact person: Mr. Nguyen Canh Toi (Director)  
Tel: 84-4-38363795  
Fax: 84-4-38361199  
Email: quatest1@fpt.vn  
Website: www.quatest1.com.vn |
| 2. | QUALITY ASSURANCE AND TESTING CENTRE 2 (QUATEST2) | No.97 Ly Thai To St,  
Da Nang, Viet Nam  
Contact person: Mr. Doan Ngoc Ky (Director)  
Tel: 84-511-3826871  
Fax: 84-511-3820888  
Email: quatest2@dng.vnn.vn  
Website: www.quatest2.com.vn |
| 3. | QUALITY ASSURANCE AND TESTING CENTRE 3 (QUATEST 3) | No. 49 Pasteur street, District 1  
Ho Chi Minh City, Viet Nam  
Contact person: Mr. Hoang Lam (Vice Director)  
Tel: 84-8-3829 4274  
Fax: 84-8-3829 3012  
Email: infor@quatest3.com.vn  
Website: www.quatest3.com.vn |
## CONFORMITY ASSESSMENT BODIES (FOREIGN - MRA)

### I) Designated Certification Bodies under ASEAN EE MRA

<table>
<thead>
<tr>
<th>No</th>
<th>Country</th>
<th>Name of Certification Bodies</th>
<th>Address &amp; Contact Person</th>
<th>Controlled Goods</th>
</tr>
</thead>
</table>
| 1  | Singapore | TUV SUD PSB, Singapore | 1 Science Park Drive Singapore 118221  
Contact Person: Mr. Richard Hong, Vice President (Certification and Inspection)  
Tel. 65 6885 1670  
Fax. 65 6779 2577 | 1 Electric Iron  
2 Kettle  
3 Rice Cooker  
4 Storage water heater  
5 Hair Dryer  
6 Instantaneous water heater  
7 Table or Standing Fans  
8 Wall Fans  
9 Ceiling Fans  
10 Electric wires coated PVC  
11 Electric immersion sticks |
| 2  | Indonesia | PT Panasonic Manufacturing Indonesia | Jl. Raya Bogor Km 29, East Jakarta 13710 Indonesia  
Tel. 62 21 871 0221  
Fax. 62 21 871 7847  
Contact Person: Mr. Rubiyono, Head of Testing Laboratory  
Email: rubiyono.satriadi@panasonic.co.id | 1 Electric Irons |
| 3  | Indonesia | PT PLN Research and Development | Jl. Duren Tiga Jakarta 12760 Indonesia  
Tel. 62 21 797 3774, 799 1762  
Fax. 62 21 797 5414  
Contact Person: Mr. Satri Falanu, Head of Testing Laboratory  
Email: satrifalanu@pln-litbang.co.id | 1 PVC insulated copper cables |
| 4  | Indonesia | Laboratory for Quality Testing of Export and Import Goods (BPMBEI) Indonesia | Jl. Haya Bogor Km. 26 Jakarta 13740 Indonesia  
Tel. 62 21 871 0321  
Fax. 62 21 871 0477  
Contact Person: Mr. Bambang Tri Sujono, Head of Testing Laboratory | 1 Electric Fans |
| 5  | Malaysia | SIRIM QAS International Sdn Bhd. | T, Persiaran Dato’ Mentiri 40000 Shah Alam Selangor Malaysia  
Contact Person: Goh Tok Poie Senior Manager  
Tel: 603-55446251 Fax: 603-55446272 E-mail: tok.poie_goh@sirim.my | 1 Electric Iron  
2 Kettle  
3 Rice Cooker  
4 Storage water heater  
5 Instantaneous water heater  
6 Table or Standing Fans  
7 Wall Fans  
8 Ceiling Fans |
| 6  | Philippines | Solid Laguna Corp. Philippines | 2000 East Service Road, Bicutan, Paranaque City  
Contact Person: Jhonny A. Quinto  
Testing Laboratory manager  
Tel. 63 2 837 0195  
Fax. 63 2 838 8664 | 1 Kettle and other heating apparatus  
2 Rice Cooker  
3 Microwave oven  
4 Electrical Immersion Sticks |
<table>
<thead>
<tr>
<th>No</th>
<th>Country</th>
<th>Name of Certification Bodies</th>
<th>Address &amp; Contact Person</th>
<th>Controlled Goods</th>
</tr>
</thead>
</table>
| 6. | Singapore | TUV SUD PSB, Singapore       | Science Park Drive, Singapore 118221, Contact Person: 1. Mrs. Chay Lee Swee Gee, Vice President, Electrical and Electronic Testing Laboratory, 2. Mr. Colin Gan, Vice President, Telecommunication and EMC Laboratory, Ph. No.: 65-68851354/68851844, Fax. No.: 65-6774 1459 | 1 Electric Iron  
|    |           |                              |                                                                                         | 2 Kettle  
|    |           |                              |                                                                                         | 3 Rice Cooker  
|    |           |                              |                                                                                         | 4 Storage water heater  
|    |           |                              |                                                                                         | 5 Hair Dryer  
|    |           |                              |                                                                                         | 6 Microwave oven  
|    |           |                              |                                                                                         | 7 Instantaneous water heater  
|    |           |                              |                                                                                         | 8 Table or Standing Fans  
|    |           |                              |                                                                                         | 9 Wall Fans  
|    |           |                              |                                                                                         | 10 Ceiling Fans  
|    |           |                              |                                                                                         | 11 Electric wires coated PVC  
|    |           |                              |                                                                                         | 12 Electric Immersion Sticks |
| 7. | Thailand  | Electrical and Electronic Institute, Operation and Standards Center (EEI-Thailand) | Bangpoo Industrial Estate, Soi 8, 975 Moo 4 Sukhumvit Road, Km 37, Praksa, Muang, Samutprakarn 10280, Thailand, Contact Person: Mr. Thanasak Chaiyavech, Director, Technique Standards and Marketing Division, Ph. No.: 662 – 709 4860, Fax. No.: 662 – 324 0917/8 | 1 Kettle  
|    |           |                              |                                                                                         | 2 Rice Cooker  
|    |           |                              |                                                                                         | 3 Microwave oven  
|    |           |                              |                                                                                         | 4 Instantaneous water heater |
| 8. | Thailand  | Intertek Testing Services (Thailand) Ltd. | Univest Complex No. 546, Floor 4 – 5, Rajchadapisak Road, Ladyyo, Jatujak, Bangkok 10900, Thailand, Contact Person: Ms. Pornpimon Ratanawichien, Quality Manager | 1 Kettle and other heating appliances  
|    |           |                              |                                                                                         | 2 Rice Cooker  
|    |           |                              |                                                                                         | 3 Electric Fans  
|    |           |                              |                                                                                         | 4 Instantaneous water heater |
| 9. | Thailand  | PSB Test (Thailand) Co. Ltd. | Thailand Science Park, 111 Moo, 9, Paholyothin Road, Klong Nueng, Klong Kuang, Pathumthani 12120, Thailand, Contact Person: Mr. Boey Kok Fai, General Manager | 1 Kettle and other heating appliances  
|    |           |                              |                                                                                         | 2 Rice Cooker  
|    |           |                              |                                                                                         | 3 Electric Fans  
|    |           |                              |                                                                                         | 4 Electric Hair Dryers  
|    |           |                              |                                                                                         | 5 Electric Irons  
|    |           |                              |                                                                                         | 6 Instantaneous water heater |
| 10.| Thailand  | TUV Rheinland Thailand Ltd | 18th Fl, Tararam Business Tower, 2445/35-38 New Petchburi Road, Bangkapi Huay Kwang, Bangkok 10320 Thailand, Contact Person: Mr. Michael Larsen, Manager, Tel. 662 318 4862, Fax. 662 318 4264 | 1 Electric Irons |