



# NIST Standards in trade conference for Association of Southeast Asia Nations (ASEAN) Economies

Conformity Assessment in the Electric and Electronics Sector

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Institute of Standards of Cambodia  
Ministry of Industry & Handicraft

# 1-National Authorities

- ❑ National Standards Development Organization:  
**Institute of Standards of Cambodia**
  - ❖ Point of Contact: Mr. Chhen Uddara
    - E-mail: [dstc@isc.gov.kh](mailto:dstc@isc.gov.kh) Tel: 855 17390208
- ❑ National Accreditation Authority: **Accreditation Department as National Accreditation Focus Point**
  - ❖ Point of Contact: **Chhrien Sengkong**
    - E-mail: [chhrien@gmail.com](mailto:chhrien@gmail.com) Tel: 855 17353635
- ❑ National Conformity Assessment Authority: **Certification Department**
  - ❖ Point of Contact: **Seng Chhang**
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## 2-Regulations Relating to Electrical and Electronic Products

- Identify regulations affecting electrical /electronic products as follows :

**2.1-** Ministerial Regulation No. 115 dated 12 Feb 2004 on Industrial Standards of Cambodia for Electrical and Electronic Products as Mandatory Standards

## 2-Regulations Relating to Electrical and Electronic Products

2.2-Ministerial regulation No. **1003** dated 13 September 2006 on the Determination of types of electrical and electronic products to be complied with Cambodian industrial standards as mandatory standards.

2.3-Ministerial regulation No. **1302** dated 25 December 2006 on establishment of Cambodian standards for electric and electronic as mandatory

# 2-Regulations Relating to Electrical and Electronic Products

2.4-Ministerial regulation No. 621 dated 23 July 2005 on general conditions for granting license to use product certification marks

## 2-Regulations Relating to Electrical and Electronic Products

- Cite applicable/referenced standards as attached files : [Standards List of electrical and electronic products.pdf](#)

## 2-Regulations Relating to Electrical and Electronic Products

- **Testing Requirements:**

Cambodia have no labs for testing electric and electronic products in this movement, ISC-MIME set up the application procedure for product safety mark license is required to the applicant to complete application form ( [Appendix 1](#)) and attached together with :

# 2-Regulations Relating to Electrical and Electronic Products

attached together with :(continue)

1- Copies of test reports and certificates of conformity included

- the name and address of accredited testing laboratory and
- certification body and documents related to accreditation of these both bodies recognized by Ministry of Industry, Mines and Energy

## 2-Regulations Relating to Electrical and Electronic Products

2- Copies of factory inspection reports from an inspection body recognized by Ministry of Industry, Mines and Energy.

3- Full Electrical Wiring/Circuit Diagrams or Service Manual (Circuit diagrams must indicate the component's value, or in the alternative, a Bill of Material/Part List);

# Regulations Relating to Electrical and Electronic Products

attached together with :(continue)

4- Color photographs showing exterior (whole, front, top and rear view of controlled goods, nameplate, rating label, main plugs etc.) and interior (critical safety components) views.

## 2-Regulations Relating to Electrical and Electronic Products

attached together with :(continue)

5- Rating label (original or clear photograph or artwork)

6- User's Instruction manual and record of modification

7- documents related to the regulated products

# 2-Regulations Relating to Electrical and Electronic Products

## Attestation requirements :

- Ministerial regulations and
- Information booklet 2007

## 2-Regulations Relating to Electrical and Electronic Products

### Attestation requirements as follows:

The Manufacturer also agrees to bear all expenses including as follows :

- Testing charge in connection with the visits of ISC officials
- its agents/nominees surveillance or
- other charges to its office or place of manufacturer, as the case may be as decided by ISC in its absolute discretion.

# 3- Conformity Assessment

Requirements for conformity assessment service providers as follows :

- Registration as company under registration regulation of Ministry of Commerce
- Registration under law on standards of Cambodia as Conformity Assessment Body
- Any CAB participates in IECEE CB Scheme
- Accredited CAB listed under ASEAN EEE MRA

# 3-Conformity Assessment

- **Process to become a service provider**
    - Manufacturer shall nominate and appoint a person as his authorized representative located in Cambodia stated in the Agreement for the Grant of ISC LICENCE for use by foreign manufacturer)
- This agreement is attached in [appendix 3](#)**

# 3-Conformity Assessment

Country: \_\_\_ Cambodia \_\_\_\_\_

- Current testing labs and certification bodies

## 2- Current certification bodies

- Cambodia Certification Department (CCD-ISC)
  - Product Certification – accredited from NA
  - Systems Certification - will accredited from JAS-ANZ
  - Will set up IEC EE CB Scheme –

# 3-Conformity Assessment

Country: \_\_\_ Cambodia \_\_\_\_\_

Current testing labs and certification bodies

1- Current testing labs

Industrial Laboratory Center for Cambodia (ILCC) got accredited from :

- NATA in the scope of Microbiological and Biological testing ( as attachment: [NATA](#) and [NATA2](#)

- Accredited from Singapore Accreditation Council (SAC) in the scope of chemical and Biological Testing ( as

attachment : [LA-2012-0521-A](#)

# 4-Participation in International Electrical Products Standards Development and Conformity Assessment

## □ ISC is a member of

– **IEC as an affiliate Programme Country**

– Signatory for Agreement on ASEAN EEE MRA

– ISO as Correspondent Member for

○ ISO/TC 34- Food Products

○ ISO/TC 45- Rubber and Rubber Products

○ ISO/ TC 285 - Clean cookstoves and clean cooking solutions

○ **ISO/PC 248 - Sustainability criteria for bioenergy**

## 4. Participation in International Electrical Products Standards Development and Conformity Assessment

### With ASEAN

- ✓ ISC is member of ACCSQ ( ASEAN Consultative Committee for Standards and Quality)
- ✓ ISC is member of WG1
- ✓ ISC is member of WG2
- ✓ ISC is member of RBPWG
- ✓ ISC is member of PFPWG
- ✓ ISC is member of APWG
- ✓ **ISC is member of JSCEEE**

# 4-Participation in International Electrical Products Standards Development and Conformity Assessment

Country: \_\_\_ Cambodia \_\_\_\_\_

- Participation in international conformity assessment schemes: **NA**
- Participation in international accreditation schemes : **NA**

# 5-Trends in Electrical/Electronic Product Safety and Efficiency

What changes are expected to happen in the near term? **Not define yet**

# 5-Trends in Electrical/Electronic Product Safety and Efficiency

Considering on some new regulations in relation to safety purpose for some products as follows:

- 1- EE Products and
- 2- EMC Products

Under Developments for promoting the use of

- 1- Energy Efficient Products and
- 2- Green Products –(Environmental protection )

# 6-Trends in Electrical/Electronic Product Safety and Efficiency

Considering on some new regulations in relation to safety purpose for some products as follows:

- 1- EE Products and
- 2- EMC Products

Under Developments for promoting the use of

- 1- Energy Efficient Products and
- 2- Green Products –(Environmental protection )

# 7-Challenges

There are challenges as follows:

- 1- Lack of EE Products Lab
- 2- Lack of human competency on EE Products
- 3- Lack of mechanism for cooperation amount interrelated bodies as CAB, AB and RB



# Thank You!



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Working together to strengthen and advance  
voluntary and consensus-based international standards

Presented by Seng Chhang