



INFORMATION BOOKLET:  
REGULATION ON ELECTRONIC AND  
ELECTRICAL EQUIPMENT WITH MANDATORY  
STANDARD AND/OR TECHNICAL  
REQUIREMENT IN INDONESIA

## **PREFACE**

In order to help stakeholders understand the electrical and electronic equipment (EEE) regulation in Indonesia, Directorate of Standardization and Quality Control has developed a booklet on Regulation Of Electronic and Electrical Equipment with Mandatory Standard and/or Technical Requirement in Indonesia. This regulatory booklet can be reviewed and updated based on current laws and regulations, and published without prior notification to the holder of this guideline.

This regulatory booklet is intended for producers, importers, and business who produce and/or trade electrical and electronic equipment which standard and/or technical regulation is mandatory. The objectives of this booklet is to disseminate the information for relevant parties. Interested parties who wish to learn more about these guidelines can contact:

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## 1. INTRODUCTION

In an effort to improve consumer protection on, security, health and environmental sustainability aspects, the Government of Indonesia applies the mandatory Indonesian National Standard (SNI) for electrical and electronic equipment products. The application of mandatory SNI applies equally to domestic and imported production.

Business actors who produce and or import electrical and electronic equipment that have been complied with SNI are required to have an SNI Marking Approval Letter based on the Type 5 product certification system and are obligated to affix the SNI mark and/or conformity mark. In addition, it is also required to have an NPB before trade or import EEE.

## 2. DEFINITION

- 2.1 Accreditation is a series of formal acknowledgment activities by the National Accreditation Committee stating that an institution, or laboratory has the competence and right to carry out conformity assessments.
- 2.2 Goods are any object, tangible or intangible, movable or immovable, can be spent or cannot be spent, and can be traded, used, or utilized by consumers or business actors.
- 2.3 A Technical Document is a set of documents which indicates that a good has complied with the provisions agreed in bilateral and/or regional agreements
- 2.4 Importers are individuals, institutions or business entities that import EEE.
- 2.5 Registration Number of Goods (NPB) is an identity given to domestically produced goods or imported goods that have been imposed by mandatory SNI and/or technical requirements/specifications and used as instruments for traceability of goods.
- 2.6 Manufacturer is an individual, institution or business entity that produces EEE for trade
- 2.7 Standard is technical requirements/specifications, including standardized procedures and methods prepared based on the consensus of all parties/governments/related international decisions, taking into account the requirements for safety, security, health, environment, the development of science and technology, experience, and current and future developments to obtain maximum benefits
- 2.8 The Indonesian National Standard (SNI) is a standard set by the National Standardization Agency (BSN) and applies on the territory of the Unitary State of the Republic of Indonesia.
- 2.9 Tanda Kesesuaian adalah Tanda SNI yang ditetapkan dan dapat dicantumkan pada suatu barang untuk menyatakan bahwa barang itu telah memenuhi ketentuan yang dipersyaratkan dalam SNI. Conformity Mark is SNI Mark which could be affixed on a product to certify that it h fulfilled the requirement in the SNI.
- 2.10 SNI mark is a certification mark specified by the National Standardization Agency to declare the fulfillment of SNI requirements

### 3. WHO SHOULD BE CONCERNED?

- **Supplier of Electrical and Electronic Equipment**

This booklet used as a guideline for producers, importers or business operator of electrical and electronic equipment to produce and or trade products that meet all the requirements of mandatory Indonesia National Standard (SNI)

- **Conformity Assessment Body (CAB)**

This booklet used as a guideline for CAB (Product Certification Body or Testing laboratory) which has the scope of accreditation and/or is appointed by the EE authorized Ministries in conducting conformity assessments of EE products.

- **Consumer**

This booklet is a guideline for consumers to understand and encourage consumers to buy electrical and electronic equipment marked with Indonesia National Standard (SNI)

## 4. KEY REGULATIONS/LEGAL BASES

### 4.1 Decree of the Minister of Trade No 26/2021 on Determination of Standards for Business Activities and Products in the Implementation of Risk-Based Business Licenses for Trade Sector

#### a. Annex 1.D Products that stipulated mandatory SNI or technical requirement

##### Products Registration Number (NPB)

**Scope** : Registration for products that have been regulated by the Indonesian mandatory of National Standard (SNI) or technical requirements, is carried out to ensure traceability of products and provide protection to consumers against losses caused by non-conformity of Indonesian National Standard (SNI).

Registration for products that have been regulated by the Indonesian mandatory of National Standard (SNI) or technical requirements, submitted by Producer or Importer to gained NPB

NPB used as the identity which given to the Domestic Producer or Importer which have fulfilled SNI and/or Technical Requirements, and it is used as an instrument for traceability of the quality of products.

**Conformity assessment** : Conformity assessment is carried out through the fulfillment of general and technical requirements which proofed by the existence of NPB.

**Surveillance** : Surveillance of the obligation to have NPB for importers is carried out through the implementation of surveillance for imported goods after borders (post border).

#### a. b. Annex 1. H. Conformity Assessment Body (CAB) Registration

**Scope** : CAB registration is carried out to ensure traceability of the Indonesian National Standard (SNI) certificate or mandatory technical requirements which issued by CAB

#### b. Annex 1.C Registration Products for Security, Safety, Health, and Environment (K3L)

**Scope** : Registration of Products related to Security, Safety, Health, and Environment is carried out to provide protection to consumers against security risks that result

in casualties or damage related to Security, Safety, Health, and the Environment.

Products related to Security, Safety, Health, and Environment as in the attachment IIA in this regulation, must be registered and have a registration mark in the form of K3L Goods Registration, security requirements and testing methods.

Registration of goods of domestic production and origin of imports related to security, safety, health, and the environment, is submitted by the producer or importer before the goods are circulated in the market.

#### **4.2 Decree of the Minister of Energy and Mineral Resources No 7/2021 on Standardization in Electricity Sector and Affixation of SNI mark and/or safety mark**

**Article 2 Para (4)** : Every electric power installation system or type of electric power equipment product and product utilizing electricity must meet the requirement of SNI

**Article 3** : The obligation to fulfill SNI requirements applied for electric power equipment and utilizing Electric Power products which:

- a. domestically produced
- b. produced in ASEAN member countries
- c. originating from imports in accordance with the trade product classification code number or the harmonized system (HS)

#### **4.3 Decree of the Minister of Industry No 51/M-IND/PER/3/2012 on The Procedures for Recognition of Certification Product of Electrical and Electronic Equipment Issued by Conformity Assessment Bodies Listed in ASEAN**

**Article 2 Para (2)** : Recognition of Product Certificates and Test Result Reports that meet the following conditions:

- a. Product Certificate issued by listed Product Certification Body in ASEAN; and
- b. Product Test Results Reports are issued by listed Test Laboratories in ASEAN



## 5. REGULATORY AUTHORITY

- a. **Directorate for Strengthening the Implementation of Standards and Conformity Assessment**  
**National Standardization Agency (BSN)**  
SNSU Laboratorium Building,  
Kawasan Perkantoran Puspitek, Muncul, Kec. Setu  
South Tangerang
- b. **Director of Electronics and Telematics Industry**  
**Directorate General of Metal, Machinery, Transportation and Electronics Industries**  
**Ministry of Industry**  
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Phone: (021) 5265310, 5255509 Pes. 4059
- c. **Directorate of Metal Industry**  
**Directorate General of Metal, Machinery, Transportation and Electronics Industries**  
**Ministry of Industry**  
Jl. Jend. Gatot Subroto Kav. 52-53 Lt. 12  
Jakarta 12950  
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- d. **Centre for Formulation, Application and Implementation of Industry Standardisation Standardization and Industrial Services Policy Agency (BSKJI)**  
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## 6. PRODUCT WITH MANDATORY STANDARDS

To improve consumer protection on safety, security, health and environmental sustainability, the Government of Indonesia enforces the mandatory Indonesian National Standard (SNI). These standards apply equally to domestic and imported products. The list of EEE products with mandatory SNI's are as follows:

### BATT

No	Product	National Standard (SNI)	Equivalent International Standard
1	Primary Battery	a. SNI 04-2051.1-2004 b. SNI 04-2051.2-2004"	a. IEC 60086-1 Ed.9.0 (2000) b. IEC 60086-2 Ed.10.0 (2000)

### CABL

No	Product	National Standard (SNI)	Equivalent International Standard
2	Polyvinyl chloride (PVC) insulated single-core non-sheathed cables for fixed wiring of rated voltages up to and including 450/750 V	SNI 04.6629.3-2006	IEC 60227-3:1997 Ed. 2.1
3	Polyvinyl chloride (PVC) insulated multi-core non-sheathed cables for fixed wiring of rated voltages up to and including 450/750 V	SNI 04.6629.4-2006	IEC 60227-4:1997 Ed. 2.1
4	Polyvinyl chloride (PVC) insulated flexible cables (cords), of rated voltages up to and including 300/500 V	SNI 04.6629.5-2006	IEC 60227-5:2003 Ed. 2.2

## HOUS

No	Product	National Standard (SNI)	Equivalent International Standard
5	Air-conditioner	a. SNI IEC 60335-2-40:2009 b. SNI IEC 60335-1:2009	a. IEC 60335-2-40:2005 Ed.4.2 b. IEC 60335-1:2004 Ed. 4.1
6	Refrigerator	a. SNI IEC 60335-2-24:2009 b. SNI IEC 60335-1:2009	a. IEC 60335-2-24:2005 Ed. 6.1 b. IEC 60335-1:2004 Ed. 4.1
7	Freezer	a. SNI IEC 60335-2-24:2009 b. SNI IEC 60335-1:2009	a. IEC 60335-2-24:2005 Ed. 6.1 b. IEC 60335-1:2004 Ed. 4.1
8	Washing Machine	a. SNI IEC 60335-2-7:2009 b. SNI IEC 60335-1:2009	a. IEC 60335-2-7:2004 Ed.6.1 b. IEC 60335-1:2004 Ed. 4.1
9	Electric Blender	a. SNI IEC 60335-2-14:2011 b. SNI 7859:2013	a. IEC 60335-2-14:2008 Ed. 5.2 b. IEC 60335-1:2010 Ed. 5.0
10	Electric Juicer	a. SNI IEC 60335-2-14:2011 b. SNI 7859:2013	a. IEC 60335-2-14:2008 Ed. 5.2 b. IEC 60335-1:2010 Ed. 5.0
11	Electric Mixer	a. SNI IEC 60335-2-14:2011 b. SNI 7859:2013	a. IEC 60335-2-14:2008 Ed. 5.2 b. IEC 60335-1:2010 Ed. 5.0
12	Rice Cooker	a. SNI IEC 60335-2-15:2011 b. SNI 7859:2013	a. IEC 60335-2-15:2008 Ed. 5.2 b. IEC 60335-1:2010 Ed. 5.0
13	Electric Kettle	a. SNI IEC 60335-2-15:2011 b. SNI 7859:2013	a. IEC 60335-2-15:2008 Ed. 5.2 b. IEC 60335-1:2010 Ed. 5.0
14	Portable immersion heaters	a. SNI IEC 60335-2-74:2010 b. SNI 7859:2013	a. IEC 60335-2-74:2009 Ed. 2.2 b. IEC 60335-1:2010 Ed. 5.0
15	Water Dispenser	a. SNI IEC 60335-2-15:2011 b. SNI IEC 60335-2-24:2009 c. SNI 7859:2013	a. IEC 60335-2-15:2008 Ed. 5.2 b. IEC 60335-2-24:2005 Ed. 6.1 c. IEC 60335-1:2010 Ed. 5.0
16	Electric Fan	a. SNI 7609:2011 b. SNI 7859:2013	a. IEC 60335-2-80:2008 Ed. 2.2 b. IEC 60335-1:2010 Ed. 5.0

No	Product	National Standard (SNI)	Equivalent International Standard
17	Electric Iron	SNI 04-6292.2.3-2003	IEC 60335-2-3 Ed.5.0 (2002-03)
18	Water Pump	SNI 04-6292.2.41-2003	IEC 60335-2-41:2002 Ed. 3.0

### INST

No	Product	National Standard (SNI)	Equivalent International Standard
19	Plugs	a. SNI IEC 60884-1:2014 b. SNI 04-3892.1.1-2003	a. IEC 60884-1:2006 Ed. 3.1 b. -
20	Socket outlets	a. SNI IEC 60884-1:2014 b. SNI 04-3892.1.1-2003	a. IEC 60884-1:2006 Ed. 3.1 b. -
21	Switches	SNI IEC 60669-1:2013	IEC 60669-1:2007 Ed. 3.2

### LITE

No	Product	National Standard (SNI)	Equivalent International Standard
22	Electronic Ballasts	a. SNI IEC 61347-2-3:2011 b. SNI IEC 61347-1:2011	a. IEC 61347-2-3:2004 Ed. 1.1 b. IEC 61347-1:2007 Ed. 2.0
23	Fixed general-purpose luminaries	a. SNI 04-6973.2.1-2005 b. SNI IEC 60598-1:2016	a. IEC 60598-2-1:1987 Ed. 1.0 b. IEC 60598-1:2014 Ed. 8.0
24	Recessed luminaries	a. SNI IEC 60598-2-2:2016 b. SNI IEC 60598-1:2016	a. IEC 60598-2-2:2011 Ed. 3.0 b. IEC 60598-1:2014 Ed. 8.0

No	Product	National Standard (SNI)	Equivalent International Standard
25	Luminaires for road and street lighting	a. SNI IEC 60598-2-3:2016 b. SNI IEC 60598-1:2016	a. IEC 60598-2-3:2011 Ed. 3.1 b. IEC 60598-1:2014 Ed. 8.0
26	Portable general-purpose luminaires	a. SNI IEC 60598-2-4:2012 b. SNI IEC 60598-1:2016	a. IEC 60598-2-4:1997 Ed. 2.0 b. IEC 60598-1:2014 Ed. 8.0
27	Luminaires for floodlights	a. SNI IEC 60598-2-5:2016 b. SNI IEC 60598-1:2016	a. IEC 60598-2-5:2015 Ed. 3.0 b. IEC 60598-1:2014 Ed. 8.0
28	Luminaires for nightlamp	a. SNI IEC 60598-2-12:2016 b. SNI IEC 60598-2-20:2012	a. IEC 60598-2-12:2013 b. IEC 60598-2-20:2010
29	Luminaires - Lighting chains	a. SNI IEC 60598-2-12:2016 b. SNI IEC 60598-2-20:2012	a. IEC 60598-2-12:2013 b. IEC 60598-2-20:2010

#### PROT

No	Product	National Standard (SNI)	Equivalent International Standard
30	Miniature Circuit Breaker (MCB)	SNI 8528-1:2018	IEC 60898-1:2003 Ed. 1.2
31	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses	a. SNI IEC 61008-1:2017 b. SNI 04-6956.2.1-2005 c. SNI IEC 61009-2-2:2014	a. IEC 61008-1:2013 Ed. 3.2 b. IEC 61008-2-1:1990 Ed. 1.0 c. IEC 61009-2-2:1991 Ed. 1.0

## TRON

No	Product	National Standard (SNI)	Equivalent International Standard
32	Television sets	SNI 04-6253-2003	IEC 60065:2001 Ed. 7.0
33	Disc Player (DVD/Blu-Ray)	SNI 04-6253-2003	IEC 60065:2001 Ed. 7.0
34	Vehicle audio	SNI 04-6253-2003	IEC 60065:2001 Ed. 7.0
35	Loudspeaker	SNI 04-6253-2003	IEC 60065:2001 Ed. 7.0
36	Set Top Box	SNI 04-6253-2003	IEC 60065:2001 Ed. 7.0

## 7. ASEAN EE MRA

### 7.1 Link for AMS Information Booklet

- [Malaysia Information Booklet](#)
- [Singapore Information Booklet](#)
- [Thailand Information Booklet](#)

### 7.2 Listed CAB in Indonesia

Conformity Assessment Body	Type of CAB
PT Sucofindo – SBU laboratory	Testing Laboratory
PT Sucofindo, SBU & Eco Framework – SCIS	Certification Body
Conformity Assessment Body	Type of CAB
Balai Besar Bahan dan Barang Teknik (B4T)	Testing Laboratory

Balai Pengujian Mutu Barang (BPMB)	Testing Laboratory
Balai Sertifikasi Direktorat Standarisasi dan Pengendalian Mutu Barang (LSPRO PPMB)	Certification Body
TUV Rheinland Indonesia	Certification Body
PT UL International Indonesia	Testing Laboratory
PT. Qualis Indonesia	Certification Body

\*as of 32th JSC EEE (23 August 2021)

Updated listed CAB in ASEAN for EE product could be seen on the link below:

<https://asean.org/listed-testing-laboratories-and-certification-bodies-under-the-asean-sectoral-mra-for-electrical-and-electronic-equipment/>

### 7.3 Procedures to be Listed as CAB in ASEAN

Testing Laboratory or Certification Body interested to be registered as listed CAB for EE in ASEAN may submit proposal to the National Standardization Body (BSN) c.q. Directorate for Strengthening the Implementation of Standards and Conformity Assessment, as the Designating Body in Indonesia. The process for registration may be seen on the flowchart below:

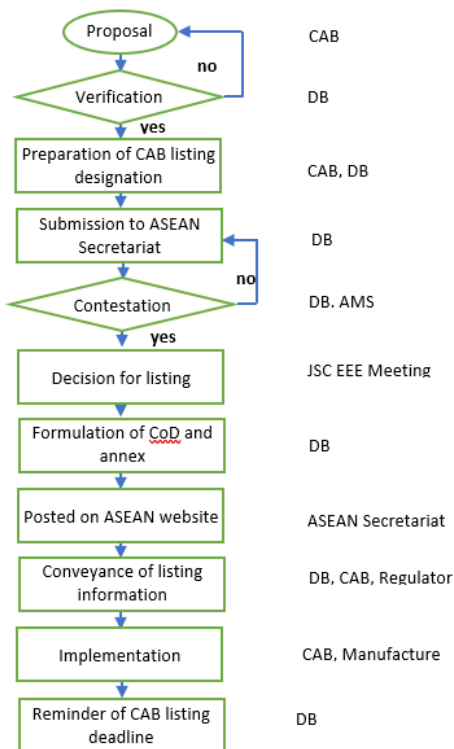


Figure 1. Process Flow to be Listed as CAB in ASEAN

#### **7.4 Required Documents for Application to be Listed CAB in ASEAN**

To be registered as a Listed CAB in ASEAN for EE products is done by submitting the following documents to the Secretariat of the Designation Body:

1. Proposal letter for designation
2. Application Form
3. Certificate of Accreditation (in English) or proof of IECEE CB Scheme's membership or *Full Certification Scheme (FCS)*
4. Scope of Accreditation (in English)
5. *Scope of Designation*, based on:
  - CAB's Scope of Accreditation, and
  - Regulated EE products in ASEAN member countries (listed on AMS's Matrix of Regulatory Regime on ASEAN Website <https://asean.org/our-communities/economic-community/standard-and-conformance/>)
6. *List of CAB's Executive Officer*
7. CAB's Financial Report (*optional*)



## 8. MARKING AND LABELLING

### 8.1 SNI and/or Conformity Mark

Electrical and electronic products are widely used to support daily human activities. However, errors in the use and handling of electrical and electronic products can result in accidents due to electric shock, electric short or fire. Based on the report of market supervision, several non-SNI marked electrical equipment which could endanger consumers can still be found in the market. Therefore, to protect consumers from unsafe electrical and electronic products, standardization of systems is required related to safety, security, and the environment.

Through the Regulation of the Minister of Trade Number 26 of 2021, we want to ensure consumer protection and goods traceability. The regulation stipulates that for product which have mandatory SNI/Technical Requirements, Producers or importer shall be responsible for the consistency of its quality.

For products with mandatory SNI, producers/importers shall obtain Product Registration Number (NPB) before sell/import goods. Producers or importers shall affix NPB under the SNI Mark or the conformity mark. on the goods and/or packaging before the goods circulated on the market. The affixation of the SNI mark on the product shows compliance to the SNI requirement and product quality consistency.

By acquiring SNI mark, the product has fulfilled the minimum quality standards for electrical and electronic products which is safe for use.

The following is the format to affix the SNI mark and NPB:

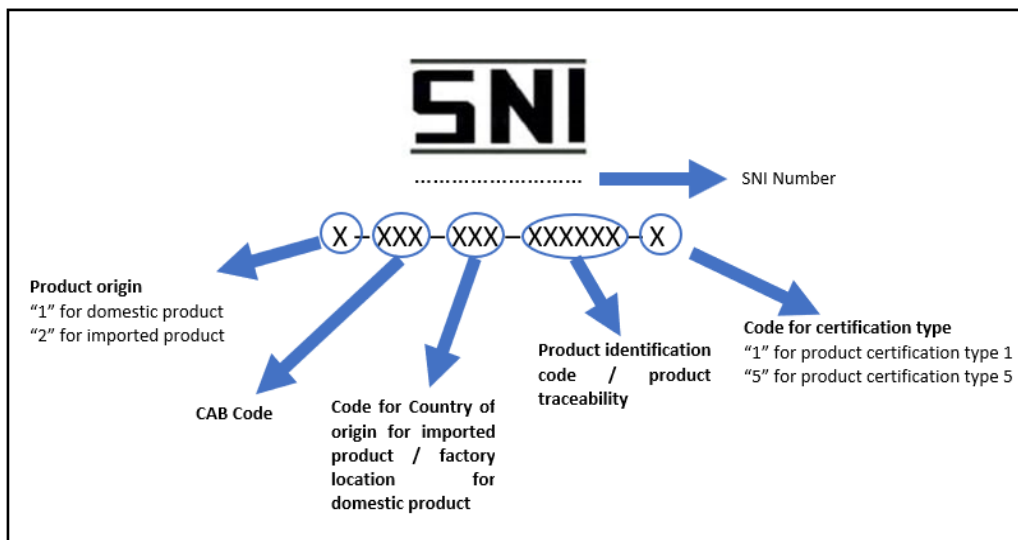


Figure 2. How to Affix the SNI Mark and NPB

## **8.2 Labelling in Indonesian Language**

Producer or importer shall provide product manual and warranty card in Indonesian Language as stipulated in in the Government Regulation of the Republic of Indonesia Number 29 concerning the Implementation of the Trade Sector and the Regulation of the Minister of Trade Number 25 year 2021 on the Determination of Mandatory Products which should be provided with Label in Indonesian Language.

## **8.3 Warranty Card/ After-Sales Guarantee**

Producer or importer of EEE product shall provide EE product with after-sales guarantee/Warranty card in Indonesian Language before the product is circulated in the market as stipulated in the Regulation of the Minister of Trade Number 38 of 2019 concerning Provisions on Instructions for Use and Guaranteed After Sales Services for Electronic and Telematics Products.

The regulation states the minimum information which should be contained on a Warranty Card are as follows:

- a. Full name and address of the Manufacturer's for domestic products;
- b. Full name and address of the Importer's for imported products;
- c. Full name and address of after-sales service center;
- d. a minimum of 1 (one) year period of after sales service guarantee from the date of purchase by the consumer, written on the warranty card.
- e. Terms and conditions of after-sales service warranty, with at least relates to:
  - Coverage or list of damages covered; and
  - Telephone number as a communication channel