

**MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY  
ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT**

**APEC EEMRA  
Information Interchange Format**

**PART 1**

## **Introduction**

This format is being prepared to assist member economies participating in the APEC MRA to prepare documentation required for participation in a consistent format.

It is expected that each participating member economy would submit their information in the recommended format to the APEC Secretariat as required by the MRA.

The format is based on the Information Notes on Good Practice for Technical Regulation and therefore provides for information to be supplied for each of the regulatory regimes identified in the notes. There are 7 regimes, they are for products requiring inspection, products requiring licensing, products requiring batch testing, products requiring approval (or certification), products requiring listing or registration, supplier declarations and essential safety requirements. Participating member economies need only provide information relating to the regimes which are in force in their economy. The regimes that are not enforced by the economy need to be noted also, please indicate this by placing 'none' in the standards table on the front of each regime.

Where more than one regulatory system applies within a participating member economy information on each regulatory system should be provided separately.

The format also draws upon the survey on Conformity Assessment of Electrical and Electronic Equipment conducted by the APEC SCSC. The format includes reference to applicable international standards and uses the international convention for describing the relationship of national and international standards, i.e. IDT for identical, MOD for modified, and NEQ for not equal.

When information makes reference to documents or legislation, the documents or legislation should be available on a website for that economy or provided as part of the information supplied to the APEC Secretariat.

## ECONOMY – INDONESIA

### APEC EEMRA Information Interchange Format

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## **PART I – INFORMATION EXCHANGE**

### **Regime Overview**

In order to improve consumer protection on safety, security and health aspects as well as for environment preservation, the Government of Indonesia regulates some EEE based on SNI, which are equally applied to both domestic and imported products. At the time being, Indonesia regulates 26 EEE. SNI refers to International Standard for electric and electronic (IEC)

Technical regulation on EEE by adopting partially or fully technical specification and/or parameter of SNI is stipulated by Ministerial Decree taking into account safety, security, health, environment, moral hazard, and economical aspects, that are equally imposed to both domestic and imported products which are traded in Indonesian territory. Manufacturers of EEE which are technically regulated based on SNI shall fulfill the SNI requirements and shall affix the SNI mark on the products, packages and/or label of their products.

Pre-market surveillance over traded goods produced domestically, shall be done through Product Registration Number (Nomor Registrasi Produk – NRP) and for imported of EEE shall be done through Goods Registration Letter (Surat Pendaftaran Barang – SPB) which includes Goods Registration Number (Nomor Pendaftaran Barang – NPB).

Conformity Assessment Body (CAB) issuing an SNI Mark Product Certification can be a domestic or foreign product certification body supported by accredited testing laboratories and/or inspection institutions. Domestic CAB shall be accredited by KAN according to its scopes and it registered to the Directorate of Standardization, Ministry of Trade. All CAB which has the scope of mandatory SNI's requirements shall be accredited by National Accreditation Body of Indonesia (KAN) and assigned by Minister of Industry.

## Legislative References

<b>Legislation Applicable</b>	<b>Scope of the Legislation</b>	<b>Government Agency</b>
Act No. 8 / 1999 concerning Consumer Protection	Consumer Protection	Ministry of Trade
Act No. 3/2014 concerning Industry	Industry	Ministry of Industry
Act No. 7/2014 concerning Trade	Trade	Ministry of Trade
Government. Regulation No. 102/2000 concerning National Standardization	National Standardization	National Standardization Agency
Decree of the Minister of Industry No. 86/M-IND/PER/9/2009 dated September 24, 2009 concerning the Implementation of SNI in Industrial Sector	the Implementation of SNI in Industrial Sector	Ministry of Industry
Decree of the Minister of Trade No. 14/M-DAG/PER/3/2007 dated March 7, 2007 concerning Standardization of Services in the Field of Trade and Supervision over Traded Goods and Services which are Technically Regulated based on Indonesian National Standard (SNI)	Standardization of Services in the Field of Trade and Supervision over Traded Goods and Services which are Technically Regulated based on Indonesian National Standard (SNI)	Ministry of Trade
Decree of the Minister of Trade No. 30/M-DAG/PER/2007 dated July 7, 2007 concerning Amendment to the Decree of the Minister of Trade No. 14/M-DAG/PER/2007 on Standardization of Services in the Field of Trade and Supervision over Traded Goods and Services which are Technically Regulated based on Indonesian National Standard (SNI)	Standardization of Services in the Field of Trade and Supervision over Traded Goods and Services which are Technically Regulated based on Indonesian National Standard (SNI)	Ministry of Trade

**1. PRODUCTS REQUIRING INSPECTION**

An inspection regime involves the assessment of each individual product for compliance with technical standards or regulators.

Nil

**2. PRODUCTS REQUIRING LICENSING**

Licensing individuals or companies is a conformity assessment regime that assesses the competence of an individual or a company to undertake a specific task.

Nil

**3. PRODUCTS REQUIRING BATCH TESTING**

A batch testing regime involves a sample test of each batch or shipment of mass produced product. A batch testing regime may also require initial type testing as a prerequisite.

Nil

**4. PRODUCTS REQUIRING APPROVAL (OR CERTIFICATION)**

An approval regime requires the assessment (type testing) of a sample or samples for compliance with a standard or specification by a “Regulator” or assessment agency recognised by a regulator. In some economies approvals issued by other “Regulators” may be recognised.

Products cannot be sold, or imported, until an “approval” is issued for that product.

Products are generally required to be marked or labelled to indicate that they are covered by an approval.

**Products covered by approvals (or certification)**

Product type or grouping	Standards			
	Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
Incandescent lamps	SNI IEC 60064:2007	✓	IEC 60064 Ed.6.3 (2005)	IDT
Self-ballast lamp for general lighting service	SNI 04-6504-2001	✓	IEC 60968 Ed.1.2(1999)	IDT
Plugs and socket-outlets for household and similar purposes. Part 1 : General requirement	SNI 04-3892.1-2006	✓	IEC 61558-2-5 Ed.1.0(1997)	IDT
Switches for household installations and similar fixed electric. Part 1: General requirements	SNI 04-6203.1-2006	✓	IEC 60947-3 Ed.2(1999)	IDT
Circuit breakers for over current protection for household and similar installation. Part 1 : Circuit breaker for ac operated	SNI 04-6507.1/Amd1. 2006	✓	IEC 60898-1 Ed.1.0(2002)	IDT
Electrical appliances for household usages and other similar types of safety products; Part 2-80. Special requirements for electric fan	SNI 04-6292.2.80-2006	✓	IEC 60335-2-80 Ed.2.0(2002)	IDT

Product type or grouping	Standards			
	Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
Lamp controlgears - Part 1: General and safety requirements	SNI 04-6959.1-2003	✓	IEC 60400 Ed.6.0(1999), am1(2002)	IDT
Lamp controlgears - Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps	SNI 04-6959.2.3-2003	✓	IEC 60400 Ed.6.0(1999), am1(2002)	IDT
Residual current operated circuit - breakers without integral overcurrent protection for household and similar uses (RCCB) - Part 1: General rules	SNI 04-6956.1-2003	✓	IEC 61008-1 (1996)	IDT
Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses(RCCB's) - Part 2-1: Applicability of the general rules to RCCB's functionally independent of line voltage	SNI 04-6956.2.1-2005	✓	IEC 61008.2.1 (1990)	IDT
Luminaires - Part 1: General requirements and tests	SNI 04-6973.1-2005	✓	IEC 60598-1 Ed.6.0(2003)	IDT



Product type or grouping	Standards			
	Domestic Standards	Please tick box if mandatory	Relevant International Standards	Extent of Alignment
Luminaires - Part 2-1: Particular requirements - Fixed general purpose luminaires	SNI 04-6973.2.1-2005	✓	IEC 60598-2-1 Ed.1.0(1979), am.1(1987)	IDT
Luminaires - Part 2-2: Particular requirements - Recessed luminaires	SNI 04-6973.2.2-2005	✓	IEC 60598-2-2 Ed.2.1(1997)	IDT
Luminaires - Part 2-3: Particular requirements - Luminaires for road and street lighting	SNI 04-6973.2.3-2005	✓	IEC 60598-2-3 (2002)	IDT
Luminaires - Part 2-5: Particular requirements – Floodlights	SNI 04-6973.2.5-2005	✓	IEC 60598-2-5 (1998)	IDT
Primary Battery - part 1: General	SNI 04-2051.1-2004	✓	IEC 60086-1 (2000)	IDT
Primary Battery - part 2: Electrical and Physical Requirement	SNI 04-2051.2-2004	✓	IEC 60086-2 (2000)	IDT
PVC insulated cables with a rated voltage up to 450/750 V - Part 3: Non-sheated cables for fixed wiring	SNI 04-6629.3-2006	✓	IEC 60227-3 Ed. 2.1(1997)	IDT

Product type or grouping	Standards			Extent of Alignment
	Domestic Standards	Please tick box if mandatory	Relevant International Standards	
PVC insulated cables with a rated voltage up to 450/750 V - Part 4: Sheathed cables for fixed wiring	SNI 04-6629.4-2006	✓ IEC 60227-4 Ed. 2.1(1997)	IDT	
PVC insulated cables with a rated voltage up to 450/750 V – Part 5: Flexible cables	SNI 04-6629.5-2006	✓ IEC 60227-5 Ed. 2.2(2003)	IDT	
House hold and similar electrical appliances safety, part 2.3 : Particular requirements for electrical irons	SNI 04-6292.2.3-2003	✓ IEC 60335-2-3 (2002-03)	IDT	
Audio, video and similar electronic apparatus -Safety requirements	SNI 04-6253-2003	✓ IEC 60065 Ed.7.1(2001)	MOD	
Safety of house hold and similar electrical appliances, part 2.41 : Particular requirements for pumps	SNI 04-6292.2.41-2003	✓ IEC 60335-2-41 (1996)	IDT	

Product type or grouping	Standards			Extent of Alignment
	Domestic Standards	Please tick box if mandatory	Relevant International Standards	
Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers	SNI IEC 60335-2-40:2009	✓IEC 60335-2-40 Ed.3.0(2002)	IDT	
Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers	SNI IEC 60335-2-24:2009	✓IEC 60335-2-24 Ed.5.0(2000)	IDT	
Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	SNI IEC 60335-2-7:2009	✓IEC 60335-2-7 Ed.5.0 (2000)	IDT	

## **Description of the Regime**

### **Testing Facilities and Approval (Certification) Agencies**

Indonesia has 11 testing laboratories and 8 certification bodies for electronic and electrical equipment. For full detail refer to Listed of the accredited laboratories available from <http://lpk.kemendag.go.id>

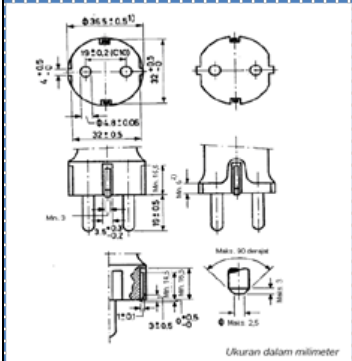
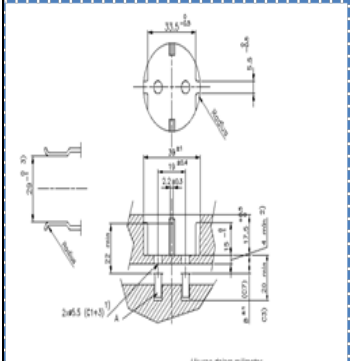
### **Labelling Requirements**

Label should be in Indonesian Language for certain Goods.

### **Regulatory and Legislation Requirements**

Registering Manual Book and Warranty Card /after sales warranty in Indonesian Language for telematics and electronic products

## Mains Voltage, Frequency and Mains Plug Configuration

Country	Mains Voltage and Tolerance	Mains Frequency and Tolerance	Applicable Legislation	Mains Plug Configuration				
				Domestic Standard	Please tick box if mandatory	Relevant International Standard	Extent of Alignment	Diagram of Mains Plug Configuration-
Indonesia	230 ± 5%	50 ± 5%		<p>SNI 04-3892.1-2006 Plugs and socket-outlets for household and similar purposes. Part 1 : General requirement</p> <p>• SNI 04-3892.2.3-2000: Plugs and Sockets-Outlets for household and similar purposes; Part 2.3: Particular Requirement for switched socket outlets without interlock for fixed installation.</p> <p>• SNI 04-6202-2000: Plugs and Sockets-Outlets and couplers for industrial purposes; Part 3: Particular Requirement for plugs, socket outlets, connectors and appliance inlets for use in explosive gas atmospheres.</p>	V	<p>IEC 60884-1 Ed.3.0(2002,am.1(2006)) IEC 60884-2-1 Ed.1.0(1987) IEC 60884-2-3 Ed.1.0(1989) (Only for the safety)</p>	-	 <p style="text-align: center;">Ukuran dalam milimeter</p> <p style="text-align: center;">Plug</p>  <p style="text-align: center;">Ukuran dalam milimeter</p> <p style="text-align: center;">Socket</p>

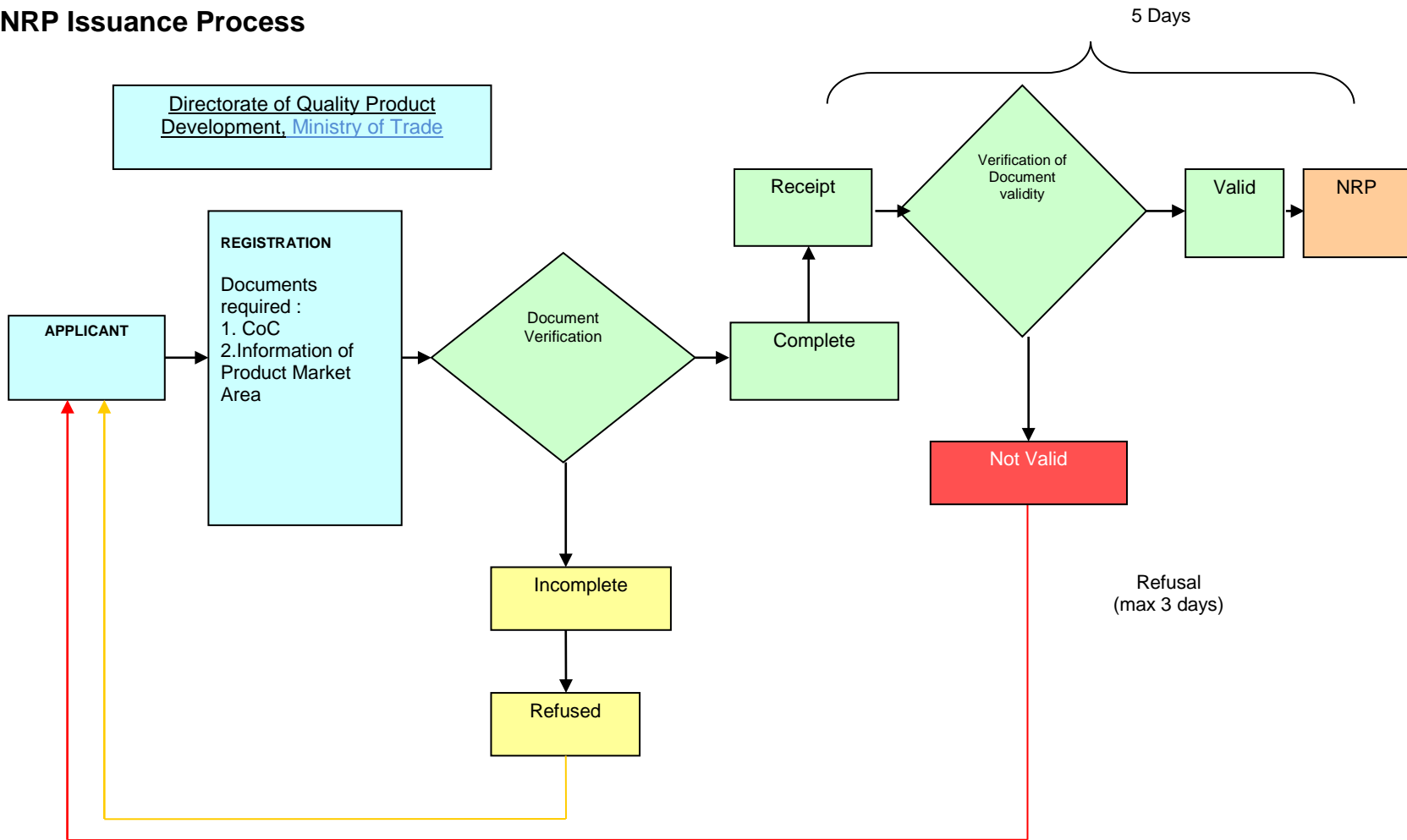
Country	Mains Voltage and Tolerance	Mains Frequency and Tolerance	Applicable Legislation	Mains Plug Configuration				
				Domestic Standard	Please tick box if mandatory	Relevant International Standard	Extent of Alignment	Diagram of Mains Plug Configuration-
				<ul style="list-style-type: none"> <li>• SNI 04-0225-2000/Amd1-2006 on Amendment 1 of Indonesian National Standard for General Requirements on Electrical Installation</li> </ul>	V	IEC 60364 ( <i>series</i> )	-	

## 5. PRODUCTS REQUIRING LISTING OR REGISTRATION

Listing/registration is similar to approvals except that there is no direct activity by the regulatory agency before a product is placed onto the market

Pre-market surveillance over traded goods produced domestically, shall be done through Product Registration Number (Nomor Registrasi Produk - NRP). Pre-market surveillance over imported of EEE shall be done through Goods Registration Letter (Surat Pendaftaran Barang – SPB) which includes Goods Registration Number (Nomor Pendaftaran Barang – NPB). NRP and SPB shall be issued by the Director of Quality Product Development, Ministry of Trade. NRP or NPB shall affix underneath SNI Mark and/or other recognized conformity mark, on to their products or packages. NRP and SPB shall be issued by the Director of Quality Product Development, Ministry of Trade. NRP and NPB are valid for 3 (three) years and can be extended. NRP or NPB shall affix underneath SNI Mark and/or other recognized conformity mark, on to their products or packages.

# NRP Issuance Process







# SPB/NPB Issuance Process

