

**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 – PHILIPPINES

### APEC EEMRA Information Interchange Format

#### Contact Point:

**Atty. ANN CLAIRE CREDO-CABOCHAN**

Director-in-Charge

Bureau of Philippine Standards

3<sup>rd</sup> floor Trade and Industry Bldg.

361 Sen. Gil Puyat Ave.

Makati City, Metro Manila

Tel. No. 632 751 3126/3127

Fax No. 632 751-4706

Email: [bps@dti.gov.ph](mailto:bps@dti.gov.ph)

Web Address: [www.bps.dti.gov.ph](http://www.bps.dti.gov.ph)

## **PART I – INFORMATION EXCHANGE**

### **Regime Overview**

The BPS operates two schemes of Product Certification, namely: Philippine Standards (PS) Quality and/or Safety Certification Mark Scheme and Import Commodity Clearance (ICC) Scheme.

The Philippines' Product Certification is classified into two types: Mandatory and Voluntary Certification.

#### **Mandatory Certification**

Product certification from BPS/DTI is compulsory before the products' distribution in the Philippine market. There are 49 Philippine National Standards (PNS) of electrical products that are under mandatory certification.

#### **Voluntary Certification**

Product certification from BPS/DTI is not a pre-requisite in products' distribution in the market. Manufacturers may apply for the PS Quality and/or Safety Certification Mark Scheme to use the PS Mark logo on a voluntary basis. However, upon the granting of the certification license for the use of Mark, the manufacturer is obliged to comply with the requirements of the relevant PNS for continued use of the PS Mark license.

## **Legislative References**

<b>Legislation Applicable</b>	<b>Scope of the Legislation</b>	<b>Government Agency</b>
Republic Act 4109 (RA 4109)	An act to convert the Division of Standards under the Bureau of Product Standards, to provide for the Standardization and/or inspection of products and imports of the Philippines and for other purposes.	Bureau of Philippine Standards
Republic Act 7394 (RA 7394)	Consumer Act of the Philippines	Department of Trade and Industry Department of Agriculture Department of Health
Executive Order No. 913 (EO 913)	Strengthening the rule-making and adjudicatory powers of the Minister of Trade and Industry in order to further protect consumers.	Department of Trade and Industry
Department Administrative Order No. 4, Series of 2008 (DAO 4:2008)	The new rules and regulations concerning the Philippine Standard (PS) Quality and/or Safety Certification Mark Scheme of the Bureau of Product Standards	Bureau of Philippine Standards
Department Administrative Order No. 5, Series of 2008 (DAO 5:2008)	The new rules and regulations concerning the issuance of import commodity clearance under the product certification mark scheme of the Bureau of Product Standards	Bureau of Philippine Standards
Department Administrative Order No. 2, Series of 2007 (DAO 2:2007)	Defining the responsibilities and liabilities of manufacturers/importers, traders, wholesalers, distributors, retailers, service providers and or their agents, with regard to products/services covered by Philippine Standard Certification Mark Schemes and prescribing penalties for violation thereof	Bureau of Philippine Standards

1. **PRODUCTS REQUIRING INSPECTION**

Please refer to (4) products requiring approval (or certification)

2. **PRODUCTS REQUIRING LICENSING**

YES

3. **PRODUCTS REQUIRING BATCH TESTING**

YES

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

The BPS through third party inspection bodies and accredited laboratories conducts inspection, sampling and testing for imported manufactured products prior to its placement in the Philippine market.

**Import Commodity Clearance (ICC) Scheme**

Imported products covered by technical regulations must secure an Import Commodity Clearance (ICC) prior to sale/distribution in the Philippine market.

**Philippine Standards (PS) Quality and/or Safety Certification Mark Scheme**

This licensing procedure is open to both local and foreign manufacturing companies to use the PS Quality /Safety Certification Mark. This certification ensures that manufactured products, both local and imported comply with the requirements of the specific standards, thus, safe to use by the end-users. The license is valid up to 3 years subject to annual surveillance.

To ensure that certified products continually comply with the requirements of the standards, post market surveillance must be sustained. To this, a Product Standards Monitoring Division was created under the newly established Fair Trade and Enforcement Bureau (FTEB) of the Department of Trade and Industry. (DTI) to handle post market surveillance for National Capital Region (NCR). The regional and provincial units of DTI will continue to monitor product compliance to technical regulations in areas under their jurisdiction.

**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.

**6. SUPPLIER DECLARATIONS**

N O N E

**7. ESSENTIAL SAFETY REQUIREMENTS**

## Products covered by any of the above

### Products covered by approval

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
<b>Mandatory</b>					
Tubular fluorescent lamps	DAO 4:2008 DAO 5:2008	PNS 02:1994	✓	IEC 81:1984 Amd.5:1994	Identical
Ballast for tubular fluorescent lamp	DAO 4:2008 DAO 5:2008	PNS 12-1:1996 Amd.02:1997	✓	IEC 920:1990 Amd.02:1995	Identical
Ballast for tubular fluorescent lamps- Performance Requirements	DAO 4:2008 DAO 5:2008	PNS 12-2:1996 Amd.01 & 02:1997	✓	IEC 921:1990 Amd.02:1994	Identical
Class H Fuses-Specification	DAO 4:2008 DAO 5:2008	PNS 13:1999	✓		
Electric Wires and Cables – PVC insulated electric copper wire and cables-Specification	DAO 4:2008 DAO 5:2008	PNS 35-1:2004	✓	IEC 228:1978	Not Equivalent
Safety specification for incandescent lamps- Part 1:Tungsten filament lamps for domestic and similar general lighting purposes	DAO 4:2008 DAO 5:2008	PNS 38-1:1995 Amd.01: 1995	✓	IEC 432-1:1993 Amd 01:1995	Identical
Tungsten filament lamps for domestic and	DAO 4:2008	PNS 38-2:1997	✓	IEC 64:1993	Identical



similar general lighting purposes Part 2:Performance requirements	DAO 5:2008				
Lampholders for tubular fluorescent lamps and starterholders- Specifications	DAO 4:2008 DAO 5:2008	PNS 42:1997	✓	IEC 400:1996	Identical
Glow-starters for fluorescent lamps	DAO 4:2008 DAO 5:2008	PNS 45:1997 Amd.01:1997	✓	IEC 155:1993/ Amd.01:1995	Identical
Fuseholders – Specification	DAO 4:2008 DAO 5:2008	PNS 56:1996	✓		
Snap switches for general use-Specification	DAO 4:2008 DAO 5:2008	PNS 57:1996	✓		
Edison screw lampholder-Specification	DAO 4:2008 DAO 5:2008	PNS 80:1997	✓	IEC 238:1996	Identical
Knife switches – Specification	DAO 4:2008 DAO 5:2008	PNS 118:1988	✓		
AC supplied electronic ballasts for tubular fluorescent lamps Part1: General and safety requirements	DAO 4:2008 DAO 5:2008	PNS 135-1:1997	✓	IEC 928:1995-02	Identical
AC supplied electronic ballasts for tubular fluorescent lamps- Part 2: Performance requirements	DAO 4:2008 DAO 5:2008	PNS 135-2:1993 Amd.01 & 02:1997	✓	IEC 929:1990 Amd.01:1996 Amd.02:1996	Identical
Electrical products – Polyvinyl chloride insulated flexible cords- Specification	DAO 4:2008 DAO 5:2008	PNS 163:1994	✓		
Lighting sets using miniature and sub- miniature lamps for decorative purposes – Specification	DAO 4:2008 DAO 5:2008	PNS 189:2000	✓		

Non-ducted air conditioners and heat pumps- Testing and rating for performance	DAO 4:2008 DAO 5:2008 Energy Labelling	PNS 240:1998 Amd.01:1998	✓	ISO 5151:1994	Modified
Automatic voltage regulators <i>(not yet implemented)</i>	DAO 4:2008 DAO 5:2008	PNS IEC 61558- 1:2002		IEC Published 1998	Identical
Safety of household and similar electrical appliances – Part 2: Particular requirements for electric irons	DAO 4:2008 DAO 5:2008	PNS 254-1:1994 Amd.01:2000	✓	IEC 335-2-3:1993 Amd.01:1999	Identical
Safety of household and similar electrical appliances – Part 2: Particular requirements for appliances for heating liquids	DAO 4:2008 DAO 5:2008	PNS 255:1996	✓	IEC 335-2-15:1995	Identical
Audio, video and similar electronic apparatus – Safety requirements	DAO 4:2008 DAO 5:2008	PNS IEC 60065:2007	✓	IEC 60065:2001	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for toasters, grills, roasters and similar appliances	DAO 4:2008 DAO 5:2008	PNS 272:1996	✓	IEC 335-2-9:1993	Identical
Household appliances-Energy efficiency ratio (EER) and labeling requirements Part 1:Non- ducted airconditioners	DAO 4:2008 DAO 5:2008 Energy Labelling	PNS 396-1:1998	✓		No international standard
Household appliances-Energy efficiency factor (EEF) and labeling requirements Part 2: Refrigerators and freezers	DAO 4:2008 DAO 5:2008 Energy Labelling	PNS 396-2:1997 Amd. 01:2000	✓		No international standard

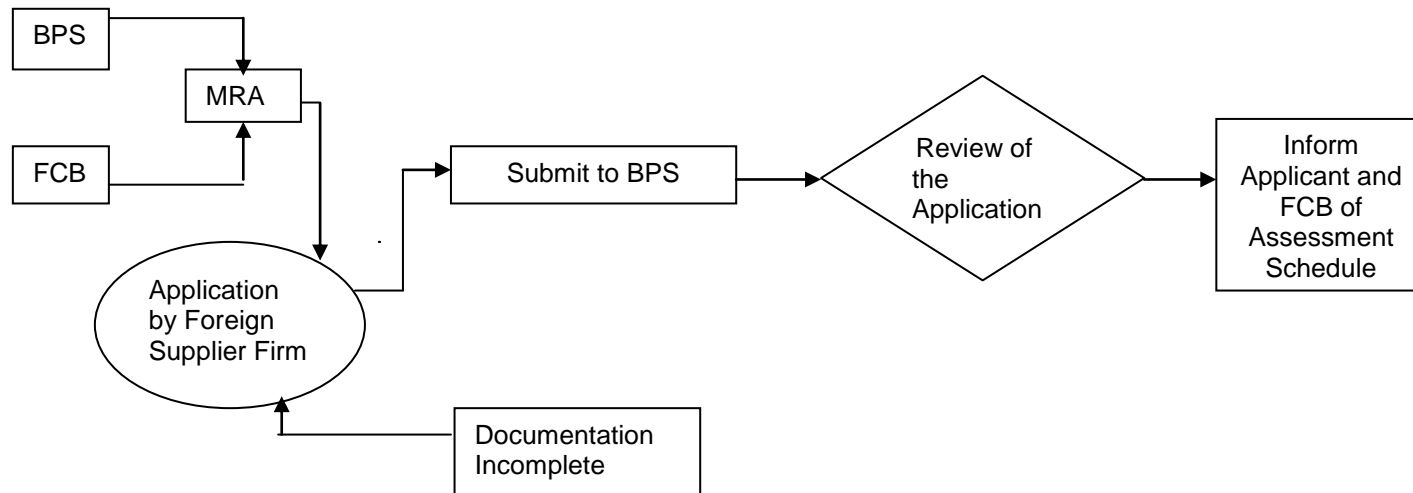
Circuit breakers-Moulded case-Specification	DAO 4:2008 DAO 5:2008	PNS 519:1991	✓		
Lamps-Self-ballasted lamps for general lighting services-Part 1: Safety requirements	DAO 4:2008 DAO 5:2008	PNS 603-1:1993 Amd 01:2001	✓	IEC 968:1988 Amd 01:1991 Amd 02:1999	Identical
Lamps - Self-ballasted lamps for general lighting services-Part 2: Safety requirements	DAO 4:2008 DAO 5:2008	PNS 603-2:1993 Amd 01:2001	✓	IEC 969:1988	Identical
Safety of household and similar electrical appliances-Part 1:General Requirements	DAO 4:2008 DAO 5:2008	PNS 1079:1994	✓	IEC 335-1:1991 Amd.01:1994	Identical
Safety of household and similar electrical appliances- Part 2: Particular requirements for vacuum cleaners and water suction cleaning appliances (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS 1169:1993	✓	IEC 335-2-2:1993	Identical
Safety of household and similar electrical appliances – Particular requirements for kitchen machines	DAO 4:2008 DAO 5:2008	PNS 1244:1994	✓	IEC 335-2-14:1984	Identical
Single-capped fluorescent lamps-Performance Specification Section 1: General	DAO 4:2008 DAO 5:2008	PNS 1261:1995	✓	IEC 901:1992	Identical
Luminaries – Part 1: General requirements and tests	DAO 4:2008 DAO 5:2008	PNS 1328:1996	✓	IEC 598-1:1992	Identical
Switches for household and similar fixed-Electrical installations Part 1: General requirements	DAO 4:2008 DAO 5:2008	PNS 1485-1:1996 Amd. 01& 02:1996	✓	IEC 669-1:1993/ Amd.01:1994 Amd. 02:1995	Identical
Plugs and socket-outlets for household and similar purposes Part 1: General requirements	DAO 4:2008 DAO 5:2008	PNS 1486-1:1996	✓	IEC 884-1:1994	Identical

Safety of household and similar electrical appliances – Part 2: Particular requirements for storage water heaters (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS 1558:1997 Amds. 01,02,03:1997	✓	IEC 335-2-21:1989/ Amd.01,02:1990/ Amd. 03:1992	Identical
Plugs and socket-outlets for domestic and similar general use standards	DAO 4:2008 DAO 5:2008	PNS 1572:1997	✓	IEC 83:1975	Modified
Safety of household and similar electrical appliances Part 2: Particular requirements for spin extractors	DAO 4:2008 DAO 5:2008	PNS 1680:1998	✓	IEC 335-2-4:1993	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances <i>(not yet implemented)</i>	DAO 4:2008 DAO 5:2008	PNS IEC 60335-2-6:2000	✓	IEC 60335-2-6:1997 Amd 01:2000	Identical
Safety of household and similar electrical appliances Part 2-7: Particular requirements for washing machines	DAO 4:2008 DAO 5:2008	PNS IEC 60335-2-7:2000	✓	IEC published 1998	Identical
Safety of household and similar electrical appliances Part 2-24: Particular requirements for refrigerating appliances and ice-makers	DAO 4:2008 DAO 5:2008	PNS IEC 60335-2-24:2001 Amd 01:2003	✓	IEC published 2000	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for microwave ovens	DAO 4:2008 DAO 5:2008	PNS IEC 335-2-25:2000	✓	IEC published 1996	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for range hoods (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS 335-2-31:2000	✓	IEC published 1995	Identical

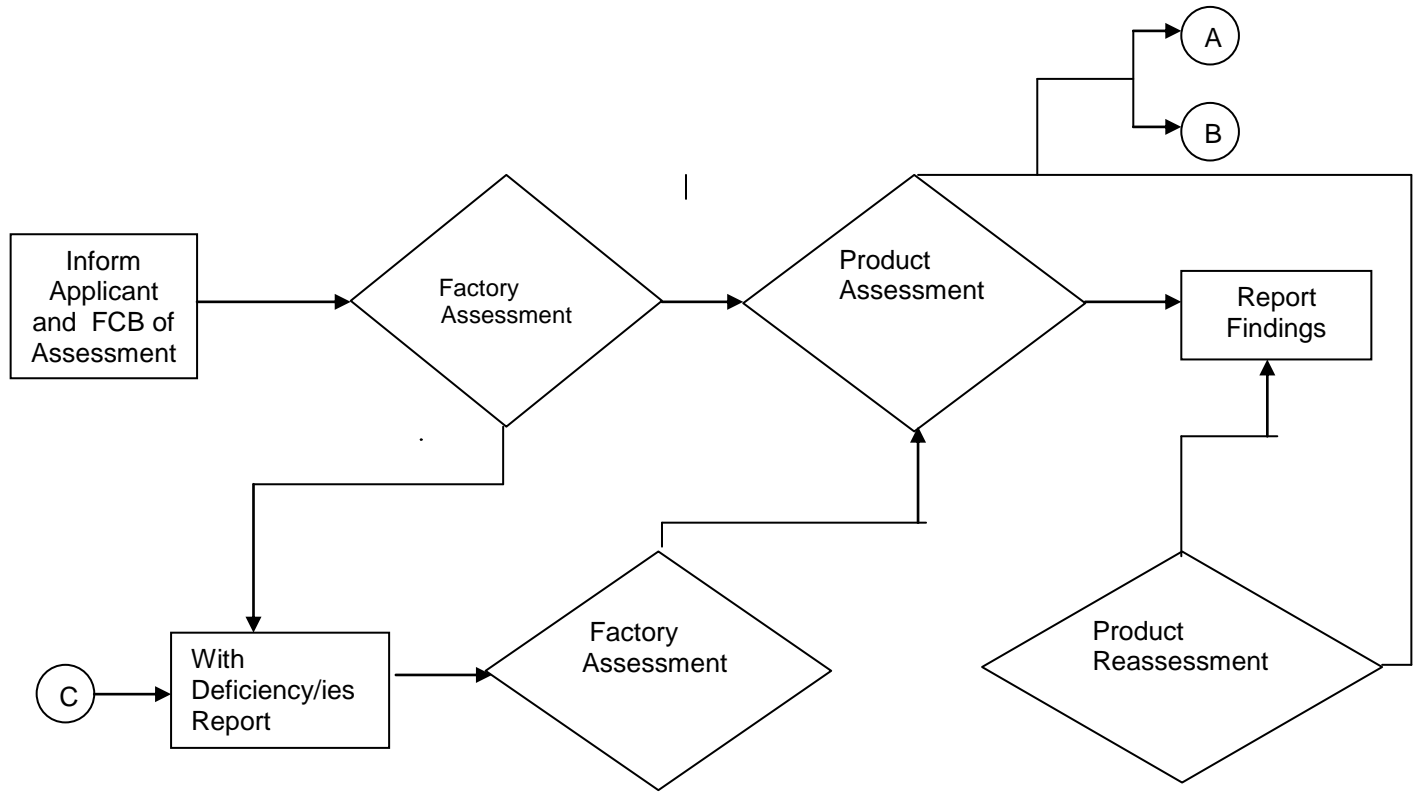
Safety of household and similar electrical appliances Part 2-35: Particular requirements for instantaneous water heaters (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS IEC 60335-2-35:2000	✓	IEC published 1997	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for electrical heat pumps, air conditioners and dehumidifiers (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS IEC 335-2-40:2000 Amd 01:2000 Amd 02:2003	✓	IEC published 1995	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for portable immersion heaters (not yet implemented)	DAO 4:2008 DAO 5:2008	PNS IEC 335-2-74:2000	✓	IEC published 1994	Identical
Safety of household and similar electrical appliances Part 2: Particular requirements for fans	DAO 4:2008 DAO 5:2008	PNS IEC 60335-2-80:2000  Supersedes PNS 134-1:1994	✓	IEC published 1997	Identical
Double-capped fluorescent lamps- Performance specifications	DAO 4:2008 DAO 5:2008	PNS IEC 60081:2001  Supersedes PNS 02:1994	✓	IEC 81:1984 Amd.05:1994	Identical
Pressure sensitive adhesive polyvinyl chloride (PVC) tapes for electrical insulation - Specification	DAO 4:2008 DAO 5:2008	PNS 79:1992	✓		

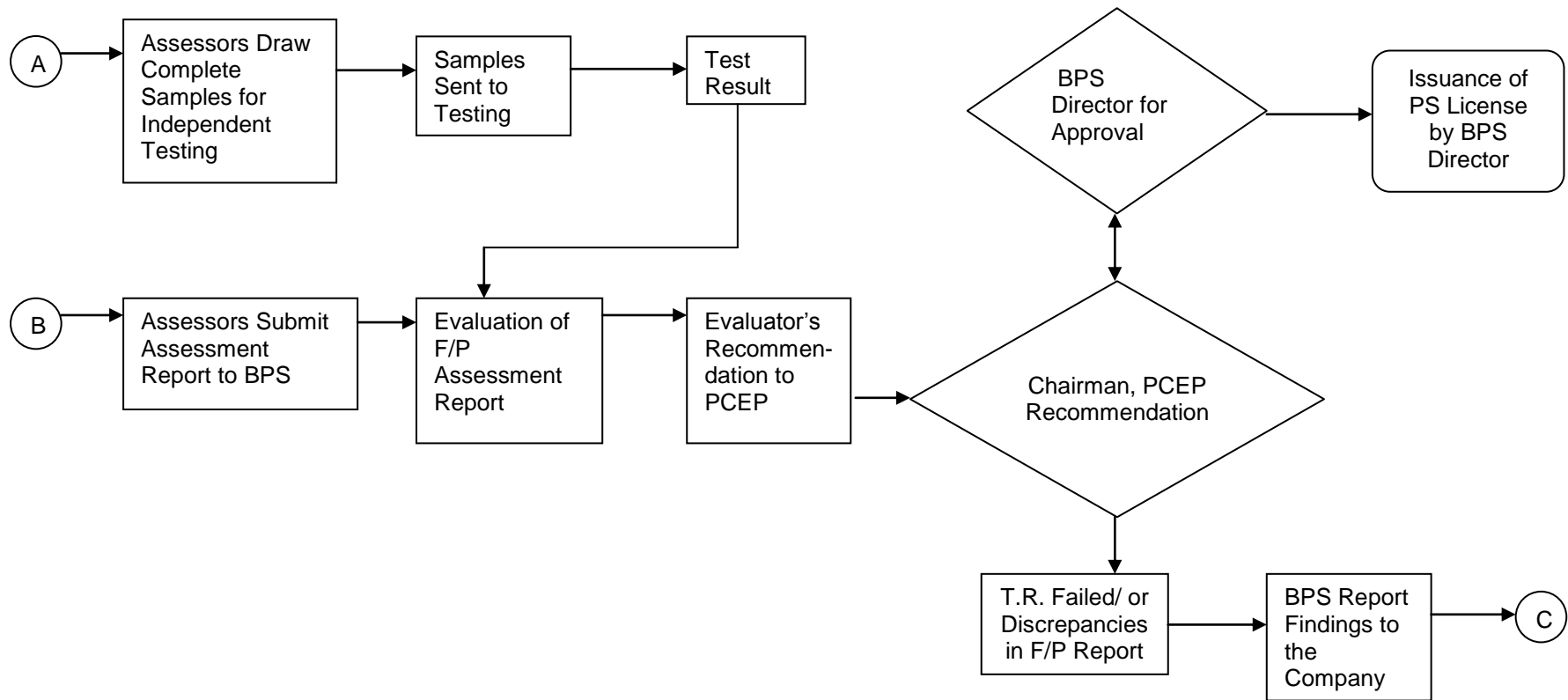
**Diagrammatic representation or flowchart of the regime**

**PS Quality and/or Safety Certification Mark Scheme**



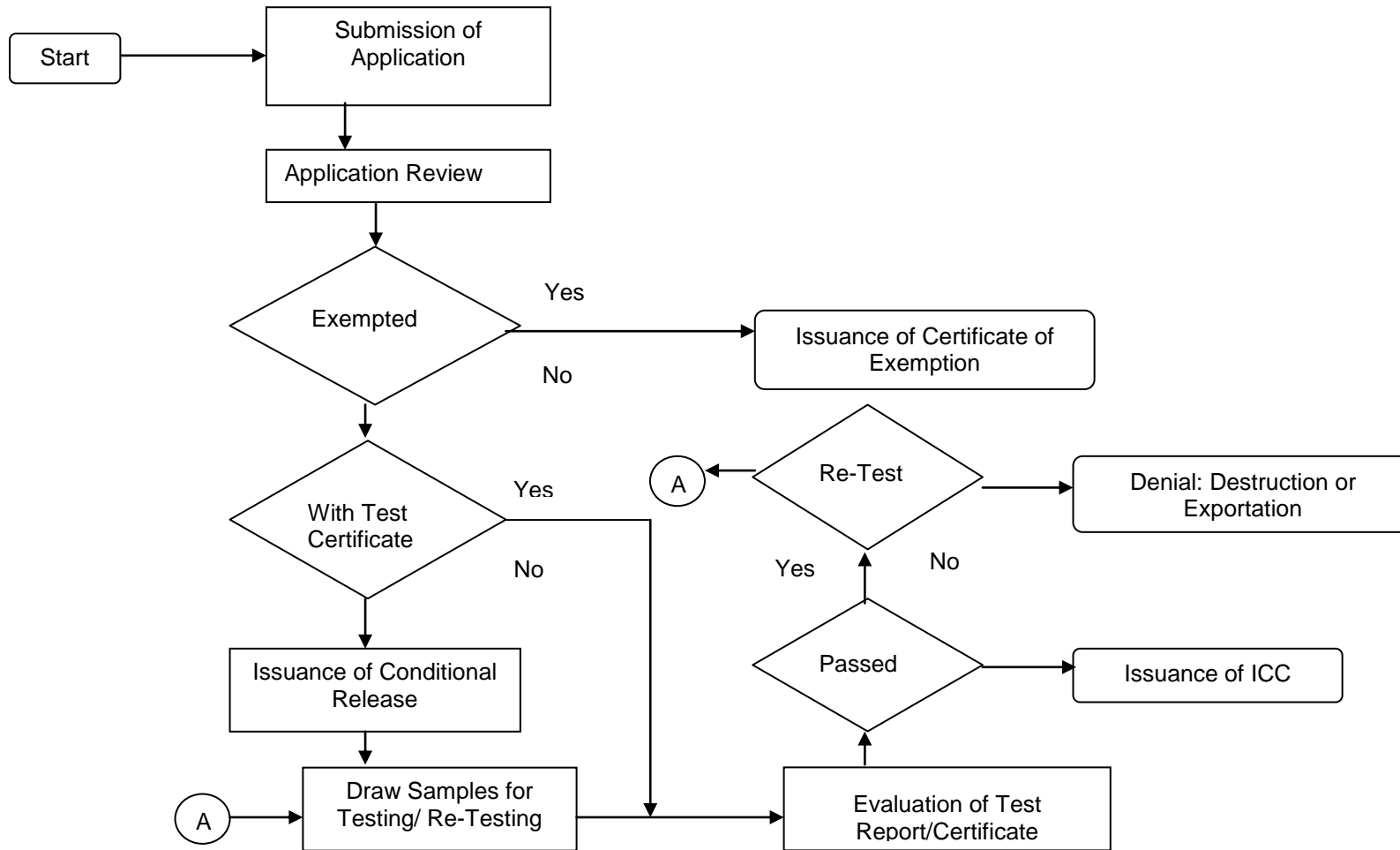
BPS – Bureau of Product Standards  
FCB – Foreign Certifying Body  
MRA – Mutual Recognition Arrangement







# Import Commodity Clearance Scheme



## Description of the Regime

### Testing Facilities

Bureau of Philippine Standards Testing Center (BPS-TC)

Fuels and Appliance Testing Laboratory (FATL)

Testing laboratories accredited by accreditation bodies signatory to APLAC/ILAC MLA. Scope of accreditation should cover tests required under specific PNSs

### Approval (Certification) Agencies

Bureau of Philippine Standards (BPS)

### Labeling Requirements

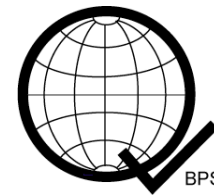
ICC Mark for imported product and PS Quality and/or Safety Certification Mark shall be affixed in each product in addition to the markings required by the Philippine National Standard



ICC Mark



**CERTIFIED  
Product Safety**



**CERTIFIED  
Product Quality**

**Regulatory and Legislation Requirements**

**DEPARTMENT ADMINISTRATIVE ORDER NO. 04 , SERIES OF 2008**

SUBJECT : The new rules and regulations concerning the Philippine Standard (PS) Quality and/or Safety Certification Mark Scheme of the Bureau of Product Standards

**DEPARTMENT ADMINISTRATIVE ORDER NO. 05, SERIES OF 2008**

SUBJECT : The new rules and regulations concerning the issuance of Import Commodity Clearance under the product certification mark scheme of the Bureau of Product Standards

# Mains Voltage, Frequency and Mains Plug Configuration

## A-1 For Philippine Condition

PNS 1572:1997

	10/15 Amperes		15 Amperes		20 Amperes		30 Amperes		50 Amperes	
	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
2-Pole, 2-Wire 250 V										
2-Pole, 3-Wire Grounding 125 V										
3-Pole, 3-Wire 250 V										
3-Pole, 4-Wire Grounding 125/ 250 V										
4-Pole, 4-Wire 120/ 200 V										

Note: This table replaces pages 22 and 23 of Group A of IEC 83:1975