

Accreditation & Conformity Assessment for Electrical and Electronic Products in the Philippines



Ernani M. Dionisio

Officer-in-Charge

Philippine Accreditation Office

National Authorities

National Standards Development Organizations

- Department of Agriculture –Bureau of Agriculture and Fisheries Product Standards (BAFPS)
- Department of Health –Food and Drug Administration (FDA)
- Department of Energy –Oil Industry Management Bureau (DOE-OIMB)
- Department of Science and Technology-National Computer Center (DOST-NCC)



National Authorities

National Conformity Assessment Authority

Different agencies serve as conformity assessment authorities on areas under their mandates such as Bureau of Product Standards, Food and Drugs Administration, Department of Agriculture, relevant agencies i.e. Bureau of Plant Industry, National Meat Inspection Services, Bureau of Animal Industry, Bureau of Fisheries and Aquatic Resources.



National Authorities

The *Bureau of Product Standards (BPS)* a governmental agency under Department of Trade and Industry (DTI) headed by Officer-in-Charge Gerardo P. Maglalang is the Philippines' National Standards Body and the ASEAN designated Conformity Assessment Body to undertake testing/certification for the electrical and electronic equipment.

The Philippines National Accreditation Body is the *Philippine Accreditation Office (PAO)* of the Department of Trade and Industry (DTI) headed by Officer-in-Charge Ernani M. Dionisio.



Regulations Relating to Electrical and Electronic Products

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.

Republic Act 7394 (RA 7394)

Consumer Act of the Philippines



Regulations Relating to Electrical and Electronic Products

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 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.



Regulations Relating to Electrical and Electronic Products

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

BPS Memorandum Circular 10: 2011 –List of products under mandatory certification - for the complete listing of products covered.



Regulations Relating to Electrical and Electronic Products

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.



Mandatory Philippine National Standards (PNS) for Various Electrical and Electronic Products

Mandatory PNS	Title/Description
PNS IEC60669-1:2010	Switches for household and similar fixed - electrical installations - Part 1: General requirements
PNS IEC 60884-1:2010	Plugs and socket-outlets for household and similar purposes - Part 1: General requirements
PNS IEC 60432-1:2001	Incandescent lamps - Safety specifications - Part 1: Tungsten filament lamps for domestic and similar general lighting purposes
PNS IEC 60400:2002	Lampholders for tubular fluorescent lamps and starterholders

Mandatory Philippine National Standards (PNS) for Various Electrical and Electronic Products

Mandatory PNS	Title/Description
PNS IEC 60335-2-9: 2005	Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances
PNS IEC 60335-2-80: 2005	Safety of household and similar electrical appliances - Part 2-80 Particular requirements for fans
PNS IEC 60335-2-3: 2005	Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons
PNS IEC 60335-2-15: 2005	Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids

Mandatory Philippine National Standards (PNS) for Various Electrical and Electronic Products

Mandatory PNS	Title/Description
PNS 396-1:2007	Energy efficiency ratio and labeling requirements for air conditioners
PNS 163:2007	Electric wires and cables – Polyvinyl chloride insulated flexible cords and fixture wires – Specification



Regulations relating to electrical and electronic products

Testing Requirements

- Testing requirements based on the applicable standards
- Third party testing

Attestation Requirements

- Third party attestation

Requirements for conformity assessment service providers

- Accreditation bodies signatory APLAC/ILAC MLAs
- ISO/IEC 17025 accredited testing laboratories
- Inspection bodies recognised



Testing Laboratories and Certification Bodies under the ASEAN Sectoral MRA for Electrical and Electronic Equipment

- Bureau of Product Standards Testing Center (BPS Testing Center)
- Omni Solid Testing Laboratory, Philippines
- Scientific Environmental & Analytical Laboratory Services, Inc.
- TÜV Rheinland Philippines, Inc.



Participation in International Electrical Products Standards Development and Conformity Assessment

The Bureau of Product Standards (BPS) is an active member International Organization for Standardization (ISO), the International Electrotechnical Commission (IEC), the Asia Pacific Economic Cooperation (APEC) and the Association of Southeast Asian Nations (ASEAN) Consultative Committee on Standards and Quality (ACCSQ).



Participation in International Electrical Products Standards Development and Conformity Assessment

BPS also supports the WTO Agreement on Technical Barriers to Trade (TBT). As such, it has been designated as the notification authority and focal enquiry point on standards, technical regulations and conformity assessment procedures.



Participation in International Electrical Products Standards Development and Conformity Assessment

The Philippine Accreditation Office (PAO) is a member of the International Accreditation Forum (IAF), International Laboratory Accreditation Cooperation (ILAC), Pacific Accreditation Cooperation (PAC) and Asia Pacific Laboratory Accreditation Cooperation (APLAC).



Participation in International Electrical Products Standards Development and Conformity Assessment

The PAO is a signatory member of the multilateral recognition arrangement (MLA) for quality management system (QMS) and environment management system (EMS) of PAC. The PAO is also a signatory member of the mutual recognition arrangement for testing and calibration of APLAC.



Philippines Initiatives in Promoting the Use of More Energy Efficient Products

The Philippine Energy and Standards Labeling Program of the Department of Energy (DOE) and the Department of Trade and Industry requires appliances and lighting products to meet prescribed minimum energy efficiency levels and to carry an energy label at the point of sale.



Philippines Initiatives in Promoting the Use of More Energy Efficient Products

DOE and DTI Roles in the Philippine Energy and Standards Labeling Program:

The DOE Lighting & Appliance Testing Laboratory conducts energy performance tests on electrical household appliances to determine their energy efficiency.

The DTI-Bureau of Product Standards implements Product Certification Scheme. Under the PS Scheme, BPS issues a license to use the Product Safety (PS) Mark or Import Commodity Clearance Mark to a company after its products have been determined, through audits/evaluations as meeting the requirements of the applicable standards.

The Future of the Philippines Electrical and Electronic Equipment Sectors

With the ASEAN Economic Community approaching, it is expected the full implementation of the ASEAN EE MRA and ASEAN EEE Harmonised Regulatory Regime (AHEEERR).

It is expected that with the ASEAN MRAs the Philippines will benefit in enhancing the exporting capabilities of the nations local manufacturer and will generate more jobs for the Filipinos.



Thank you!

