



DEPARTMENT ADMINISTRATIVE ORDER NO. 22-01
Series of 2022

**SUBJECT: THE NEW TECHNICAL REGULATION CONCERNING THE MANDATORY
PRODUCT CERTIFICATION OF ENERGY CONSUMING PRODUCTS**

WHEREAS, the Department of Trade and Industry (DTI) is the economic catalyst that enables innovative, competitive, job generating, inclusive business, and empowers consumers;

WHEREAS, pursuant to such mandate, the DTI is empowered under Executive Order (EO) 292, Series of 1987 otherwise known as the "Administrative Code of 1987" to protect consumers from trade malpractices and from substandard or hazardous products;

WHEREAS, the DTI Bureau of Philippine Standards (BPS) [formerly known as Bureau of Product Standards] is mandated by Republic Act (RA) 4109 to perform standards development, certification, testing, policy formulation, and monitoring functions;

WHEREAS, EO 101, Series of 1967 empowers the BPS to promulgate, subject to the approval of the DTI Secretary, such rules and regulations for the marking of goods standardized by the BPS and for other purposes;

WHEREAS, such BPS mandates are reiterated in RA 7394 or the "Consumer Act of the Philippines" wherein it states that, *"it shall be the duty of the State to develop and provide safety and quality standards for consumer products, including performance or use-oriented standards, codes of practice and methods of tests; to assist the consumer in evaluating the quality, including safety, performance and comparative utility of consumer products; to protect the public against unreasonable risks of injury associated with consumer products; to undertake research on quality improvement of products and investigation into causes and prevention of product related deaths, illness and injuries; and to assure the public of the consistency of standardized products"*;

WHEREAS, RA 11285 entitled "An Act Institutionalizing Energy Efficiency and Conservation, Enhancing the Efficient Use of Energy, and Granting Incentives to Energy Efficiency and Conservation Projects" otherwise known as "Energy Efficiency and Conservation Act" further requires the DTI, through the Bureau of Philippine Standards, in consultation with the Department of Energy (DOE), to require manufacturers, importers, and dealers to comply with the Minimum Energy Performance (MEP) standards, and to display the energy label and the energy efficiency label showing the energy requirement and consumption efficiency of such products on the packaging and on the products themselves;

WHEREAS, EO 913, Series of 1983, vests with the DTI the adjudicatory powers such as to conduct arbitration, conciliation, mediation, formal investigation; imposition of administrative penalties; and issue cease-and-desist orders, seizures, preventive measures and other similar orders in case of violation of trade and industry laws including those relating to the BPS' Certification Schemes;

NOW THEREFORE, pursuant to RA 4109; RA 7394; EO 101, Series of 1967; EO 913, Series of 1983; EO 292, Series of 1987 and RA 11285, the following Technical Regulation governing the BPS Mandatory Product Certification Schemes for energy consuming products is hereby prescribed and promulgated for the compliance, information, and guidance of all concerned.

Rule 1. OBJECTIVE

This DAO aims to strictly ensure that energy consuming products to be imported, manufactured, distributed, or sold in the Philippines meet the safety and performance requirements specified in this Technical Regulation.

Rule 2. SCOPE

This Technical Regulation prescribes the mandatory product certification of the following products, whether locally manufactured or imported:

Product	Specific product coverage for Safety and Performance
2.1 Room Air Conditioners (RAC)	Inverter, non-inverter, window-type and split-type (wall-mounted, floor-standing, cassette-type, and ceiling suspended) air-conditioners, with maximum rated voltage not more than 250 V for single phase and 600 V for all other types and with cooling capacity up to 50,000 kJ/hr.
2.2 Refrigerators	For household and similar use (single-door, two-door/direct cooling, frost-free, inverter and non-inverter) with storage capacity up to 600 liters with rated voltage up to 250 V a.c.
2.3 Television Sets	CRT, LCD panel (with CCFL or LED backlight), plasma and OLED, with display size up to 1524 mm (60 inches) and rated voltage up to 250 V a.c., including those with separate power supply.
2.4 Self-Ballasted Compact Fluorescent Lamps (CFL)	For domestic and similar general lighting source, having wattage of 2 watts to 60 watts and rated voltage of 100 V to 250V, 50/60 Hz with Edison screw cap particularly E14 and E27.
2.5 Double- Capped Fluorescent Lamps (DCFL)	Linear fluorescent lamps for T12, T8 & T5 halophosphate & triphosphate lamps with G13 & G5 caps, from 10W up to 65W, 220- 230V a.c. 50/60Hz.
2.6 Single – Capped Fluorescent Lamps (SCFL)	All circular fluorescent lamps for general lighting services with wattage up to 40 W having rated voltage up to 250V a.c.
2.7 Pre-Heat / Magnetic Ballast	Pre-Heat / Magnetic Ballast for fluorescent lamps described in 2.5 and 2.6 herein for general lighting sources sold separately or as part of the luminaire having a rated voltage of 50 to 250V a.c. operating at 50/60 Hz.
2.8 Electronic ballasts	Electronic ballasts for fluorescent lamps described in 2.5 and 2.6 herein for general lighting sources sold separately or as part of the luminaire having a rated voltage of 50 to 250V a.c. operating at 50/60 Hz.
2.9 Self-Ballasted LED Lamps (SBLL)	For general lighting service with E14 and E27 up to 60W, having a rated voltage of 50 to 250V a.c. operating at 50/60 Hz.

Rule 3. DEFINITION OF TERMS

For purposes of this Order, the following definitions shall apply:

- 3.1 **Audit** – a systematic, independent and documented process for obtaining audit evidence, and evaluating it objectively to determine the extent to which the audit criteria are fulfilled. ¹
- 3.2 **Base Type / Model** – one that represents a set of generic characteristics of a group of products
- 3.3 **BPS** – Bureau of Philippine Standards of the DTI
- 3.4 **BPS Recognized Conformity Assessment Body (CAB)** – the CAB (inspection body, testing laboratory, or certification body) duly recognized by BPS to have the scope and competence to conduct activities relevant to the requirements set forth by BPS, to include but not limited to, CABs accredited by the PAB, CABs recognized by BPS under the Association of South East Asian Nations Mutual Recognition Arrangement (ASEAN MRA), Asia-Pacific Economic Cooperation (APEC) MRA and other regional and bilateral MRAs entered into by the Government of the Philippines through the DTI. BPS shall issue Recognition Certificate upon completion of all requirements for application for recognition.
- 3.5 **BPSTL** - Bureau of Philippine Standards Testing Laboratory of the DTI
- 3.6 **Certification Body** – third party conformity assessment body operating a certification scheme.
- 3.7 **Challenge Test** – An activity of DOE wherein a manufacturer or importer (challenger), after conducting its own test and verification in accordance with the relevant PNS, contest the performance or PELP Energy Label of another manufacturer or importer (challenged party).
- 3.8 **Conformity** – fulfillment of a requirement. ²
- 3.9 **DTI** – Department of Trade and Industry
- 3.10 **DOE** – Department of Energy
- 3.11 **EUMB** – Energy Utilization Management Bureau of the DOE
- 3.12 **Evaluation** – systematic examination of the extent to which a product, process, or service fulfills specified requirements.³
- 3.13 **Energy Consuming Products (ECP)** – refer to product that utilize any form of energy (i.e. electricity, petroleum products, renewable energy, etc.) for specific use.⁴

¹ ISO 19011:2011

² ISO/IEC 17000

³ Ibid

⁴ DOE DC2020-06-0015

- 3.14 **Energy Label** – refers to the prescribed tag / sticker / marker that bears the DOE logo and essential energy performance ratings (i.e., efficiency, energy consumption, etc.) compliant to the PPR.⁵
- 3.15 **Generic Type / Model** – refers to a type / model which critical components and materials composition, or other variations that may affect the performance testing are similar with the declared base type / model, including, but not limited to the following:
- 3.15.1 **RAC** – nameplate rating, front grille design, number of tubes in evaporator and condenser, fins / inch of evaporator and condenser, compressor rating, number of louvers in the condenser, fan motor rating, inverter circuit board and number of fan blades.
- 3.15.2 **Refrigerators** – nameplate rating, shelves, thermostat control, chiller, nameplate rating, evaporator plate, heater and compressor that will affect air circulations.
- 3.15.3 **Television Sets** – nameplate rating, type of display, power supply and viewing screen dimension.
- 3.15.4 **Lighting Products** – nameplate rating, light output, cap size, color temperature.
- 3.16 **International Standard** – a standard developed under the WTO principles for international standards development such as those developed by international bodies like the International Organization for Standardization (ISO), International Electrotechnical Commission (IEC), International Telecommunication Union (ITU) and those developed by foreign standards bodies under these principles.
- 3.17 **ISO** – International Organization for Standardization
- 3.18 **IEC** – International Electrotechnical Commission
- 3.19 **Inspection** – examination of a product, process, service, or installation or their design and determination of its conformity with specific requirements, or, on the basis of professional judgment, with general requirements.⁶ This includes inventory and sampling.
- 3.20 **Inspection body** – a body that performs inspection.⁷
- 3.21 **Batch No. / Serial No.** – an identification number used to identify production serial or batch of the product for quality control purposes.
- 3.22 **Minimum Energy Performance (MEP)** – refers to a performance standard which prescribes a minimum level of energy performance for the commercial, industrial, and transport sectors, and energy-consuming products including appliances, lighting, electrical equipment, machinery, and transport vehicles that must be met or exceeded before they can be offered for sale or used for residential, commercial, transport, and industrial purposes.⁸

⁵IG of DOE DC2020-06-0015

⁶ISO/IEC 17020

⁷Ibid

⁸RA 112

- 3.23 **PELP** – Philippine Energy Labeling Program
- 3.24 **PPR** – Particular Product Requirements of the energy consuming products
- 3.25 **PNS** – Philippine National Standards
- 3.26 **PNS ISO 5151:2014** – (Non-ducted air conditioners and heat pumps – Testing and rating for performance)
- 3.27 **PNS ISO 16358-1:2014** – Air-cooled air conditioners and air-to-air heat pumps - Testing and calculating methods for Seasonal Performance Factors - Part 1 Cooling Seasonal Performance Factor
- 3.28 **PNS IEC 62552-1:2016** Household refrigerating appliances – Characteristics and test methods – Part 1: General requirements
- 3.29 **PNS IEC 62552-2:2016** Household refrigerating appliances – Characteristics and test methods – Part 2: Performance requirements
- 3.30 **PNS IEC 62552-3:2016** Household refrigerating appliances – Characteristics and test methods – Part 3: Energy Consumption and Volume
- 3.31 **PNS IEC 62087:2013** - Methods of measurement for the power consumption of audio, video and related equipment
- 3.32 **PNS 378:2000** – Television Receivers and Video Monitors – Viewing Screen Dimensions – Methods of Measurement
- 3.33 **PNS IEC 60969:2012** – Self-ballasted compact fluorescent lamps for general lighting service: Performance requirements
- 3.34 **PNS IEC 60081:2020** – Double-capped fluorescent lamps - Performance specifications
- 3.35 **PNS IEC 60901:2020** – Single-capped fluorescent lamps- Performance specifications
- 3.36 **PNS IEC 60921:2011** – Ballast for tubular fluorescent lamps
- 3.37 **PNS IEC 60929:2011** – AC supplied electronic ballasts for tubular fluorescent lamps – Performance requirements
- 3.38 **PNS IEC 62612:2020** – Self-ballasted LED Lamps for General Lighting Services with Supply Voltages >50V Performance Requirements.
- 3.39 **Philippine National Standards (PNS)** – Standards promulgated by the BPS.
- 3.40 **Product Certification** – the provision of impartial third-party attestation that fulfillment of specified requirements has been demonstrated.⁹

⁹ *ISO/IEC 17065*

- 3.41 **PS License** – authority given by BPS to a local/foreign manufacturer, authorizing the use of the PS Certification Mark on its product.
- 3.42 **Sampling** – a method of getting a representative sample of a product according to a specified procedure.
- 3.43 **Standard** – a document approved by a recognized body, that provides, for common and repeated use, rules, guidelines or characteristics for products or related processes and production methods, with which compliance is not mandatory.
- 3.44 **Surveillance** – a systematic iteration of conformity assessment activities as a basis for maintaining the validity of the statement of conformity.¹⁰
- 3.45 **Test Report** – a document that presents test results and other information relevant to a test.
- 3.46 **Testing Laboratory** – a laboratory which measures, examines, or determines the characteristics of performance of material or products. It may also be a laboratory that calibrates inspection, measuring and test equipment.
- 3.47 **Third Party** – a body that is independent of the organization that provides the product/service and is not the user of the product/service (testing, inspection, and sampling).¹¹
- 3.48 **Verification** – confirmation, through the provision of objective evidence, that specified requirements have been fulfilled.¹² This may include product testing.
- 3.49 **Warehouse** – secured premises built purposely for storage of products and to preserve the quality and integrity of the same.

Rule 4. PRODUCT CERTIFICATION SCHEMES

4.1 Philippine Standard (PS) Safety and Quality Certification Mark Licensing Scheme

- 4.1.1 All manufacturers of Energy Consuming Products covered by this Technical Regulation shall apply for the Philippine Standard (PS) Certification Mark License in accordance to the requirements of DAO 4:2008, its implementing rules and regulations, and DAO 18-03:2018 (for RAC, Refrigerators and Television Sets), & DAO 18-02:2018 (for SBLL) and their future amendments.

4.2 Import Commodity Clearance (ICC) Certification Mark Scheme

- 4.2.1. All importers of Energy Consuming Products covered by this Technical Regulation shall apply for the Import Commodity Clearance (ICC) in accordance to the requirements of DAO 5:2008, its implementing rules and regulations, and DAO 18-03:2018 (for RAC, Refrigerators and Television Sets), & DAO 18-02:2018 (for SBLL) and their future amendments.

¹⁰ *ISO/IEC 17000*

¹¹ *Ibid*

¹² *ISO/IEC 17029*

Rule 5. DOCUMENTARY REQUIREMENTS

All documentary requirements prescribed under DAO 04:2008 for PS and DAO 05:2008 for ICC shall apply.

Rule 6. MARKING REQUIREMENTS

For traceability and verification purposes, the required markings for manufactured or imported energy consuming products shall be available at all times for verification by the BPS, FTEB and DTI RO/PO, their authorized representatives, and by the duly authorized enforcement teams either at the manufacturer's/importer's warehouse or traders'/distributors'/retailers' warehouse, if applicable.

6.1 The required markings shall indicate the following:

- 6.1.1 Serial Number on the unit and packaging (for RAC, Refrigerators, Televisions Sets);
- 6.1.2 Batch Number on the packaging (for Lighting Products);
- 6.1.3 As prescribed by the relevant PNS;
- 6.1.4 PS or ICC Mark, as applicable;
- 6.1.5 PELP Energy Label;
- 6.1.6 As per DAO 18-03 and MC 20-01 (for RAC, Refrigerators and Television Sets); and
- 6.1.7 As per DAO 18-02 (for SBLL)

Rule 7. TERMS AND CONDITIONS OF THE PS LICENSE AND ICC CERTIFICATE

All terms and conditions required under DAO 04:2008 for PS and DAO 05:2008 for ICC shall apply.

Rule 8. INSPECTION, AUDIT, AND SAMPLING

8.1. Audit, inspection and sampling shall be conducted by the BPS, DTI RO/PO or the BPS-recognized inspection/auditing body in accordance with the existing BPS Audit, Inspection and Sampling Procedure and the requirements of DAO 4:2008 or DAO 5:2008, their implementing rules and regulations, and their future amendments.

8.2. Sampling Procedure

8.2.1 The following sampling size shall apply:

Product Name	No. of units per set	
	Performance	Safety
Room Air Conditioners	(1 pc. – window type) or (1 pc. – indoor & 1 pc. – outdoor)	(2 pcs. – window type) or (2 pcs. – indoor & 2 pcs. – outdoor)
Refrigerators	1 piece	2 pieces
Television Sets	1 piece	2 pieces
Self-Ballasted Compact Fluorescent Lamps	23 pieces	10 pieces
Double-Capped Fluorescent Lamps	12 pieces	10 pieces
Single – Capped Fluorescent Lamps	12 pieces	10 pieces

Pre-Heat / Magnetic Ballast	6 pieces	6 pieces
Electronic ballasts	6 pieces	6 pieces
Self-Ballasted LED Lamps	30 pieces	10 pieces

- 8.2.2 The drawing of samples for the safety test shall be in accordance to the existing DAOs, its implementing rules and regulations, Memorandum Circulars and other relevant Technical Regulations.
- 8.2.3 For PS applications, two (2) sets per type/model/brand for performance testing shall be randomly drawn from the manufacturer's production line, warehouse or market. The first set shall be sent to the BPSTL or BPS recognized testing laboratory for independent testing. The remaining set shall be kept by the manufacturer as reserved samples for re-testing, when necessary.
- 8.2.4 For ICC applications, two (2) sets per type/model/brand for performance testing shall be randomly drawn from the shipment at the importer's warehouse. The first set shall be sent to the BPSTL or BPS recognized testing laboratory for testing. The remaining set shall be kept by the importer as reserved samples.
- 8.2.5 For generic type/model, three (3) pcs. (for lamps) and (1) pc. (for other energy consuming products) per type/model/brand for safety or performance testing shall be drawn and be sent together with its base type/model to the BPSTL or BPS-recognized testing laboratory for actual verification purposes.
- 8.2.6 The drawing of samples for the performance testing and the conduct of independent product testing shall be waived if the applicant submits any of the following:
- 8.2.6.1 PELP Energy Label issued by the DOE-EUMB;
 - 8.2.6.2 Proof of application for Product Registration with the DOE-EUMB;
 - 8.2.6.3 Proof of ongoing testing for the purposes of application for Product Registration with the DOE-EUMB; or
 - 8.2.6.4 Acknowledgment of Drawn Samples Form signed by the DOE-EUMB and store/retailer representative.
- 8.2.7. The BPS, DTI RO/PO or the BPS-recognized inspection/auditing body shall have the prerogative to draw samples for verification testing during the inspection, surveillance, or recertification activities of either the base model or the generic model declared by the applicant

Rule 9. PRODUCT TESTING

- 9.1 The drawn samples shall be tested by the BPSTL or BPS-recognized testing laboratory.
- 9.2 Full product testing for the safety requirements shall be conducted in accordance to the existing DAOs, its implementing rules and regulations, Memorandum Circulars and other relevant Technical Regulations.

- 9.3 Full product testing for the performance requirements shall be conducted in accordance to the relevant PNS as follows:

Product Name	Reference Standards
Room Air Conditioners	PNS ISO 5151:2014, & PNS ISO 16358-1:2014
Refrigerators	PNS IEC 62552-1:2016, PNS IEC 62552-2:2016, & PNS IEC 62552-3:2016
Television Sets	PNS IEC 62087:2013, & PNS 378:2000
Self-Ballasted Compact Fluorescent Lamps	PNS IEC 60969:2012
Double-Capped Fluorescent Lamps	PNS IEC 60081:2020
Single – Capped Fluorescent Lamps	PNS IEC 60901:2020
Pre-Heat / Magnetic Ballast	PNS IEC 60921:2011
Electronic ballasts	PNS IEC 60929:2011
Self-Ballasted LED Lamps	PNS IEC 62612:2020

- 9.1 Considering the regular updating of standards, the latest edition of the PNS shall be used as reference. It is understood that future amendments of the PNS indicated in this Order shall be used twelve (12) months after its promulgation to provide ample time to all stakeholders to adjust and conform to the new requirements, if any.
- 9.2 The original test reports shall be sent directly to the BPS by the BPSTL or BPS-recognized testing laboratory together with the photos of the packaging of the sealed and signed samples, actual product with the required markings, copy of the Request for Test and test worksheet.
- 9.3 The BPS reserves the right to be present at any point of the certification process.

Rule 10. EVALUATION OF RESULTS

- 10.1. The test reports shall be evaluated based on the requirements of the relevant standards and shall comply with the tolerances indicated in the Annex A.
- 10.2. The PS License and ICC Certificate shall only be issued upon determination of compliance to the safety and performance requirements of this Technical Regulation.
- 10.3. If the drawn samples failed the required tests, the BPS shall:
- 10.3.1 For PS application:
- 10.3.1.1 For applications for new PS License and extension of the scope of a valid PS License, inform the applicant of the result and direct the same to undertake corrective measures otherwise, the application shall be denied.

If the applicant intends to undertake corrective measure/s, the applicant shall submit to the BPS its proposed corrective measures. A product audit shall be conducted upon approval of the proposed corrective measures.

- 10.3.1.2 For PS surveillance/recertification, inform the applicant of the result and suspension/cancellation order in accordance with DAO 04:2008. BPS shall direct the license holder to submit the reserved samples for retesting. If the applicant refused to submit the reserved samples and opted to undertake corrective measures, a Product Recall Order shall be required in accordance with DAO 04:2008.

If the retesting of the reserved samples showed conformance with the relevant PNS, the suspension/cancellation order shall be lifted, otherwise, the suspension/cancellation order shall be maintained and Product Recall Order shall be required in accordance with DAO 04:2008.

The suspension/cancellation order shall only be lifted upon the compliance of the applicant to this Order and the conformance of the product to the relevant Philippine National Standard.

10.4.2 For ICC application:

- 10.4.2.1 BPS shall inform the applicant of the result and present the following options;

10.4.2.1.1 Submit the reserved samples for testing;

10.4.2.1.2 Undertake remedial or corrective measures subject to actual inspection, verification, inventory, and re-sampling (if necessary) by the BPS, DTI RO/PO, or the BPS- recognized inspection body;

10.4.2.1.3 Export the shipment back to the country of origin, at its own expense, subject to inventory and inspection by an authorized DTI/BPS representative prior to the exportation. Export documents (i.e. Bill of Lading and Import Entry or any other document that will serve as proof that the non-compliant products arrived at the country of origin) shall be submitted by the importer to the BPS; or

10.4.2.1.4 Destroy the non-conforming products in accordance with existing rules and regulations, at its own expense, and to be witnessed by a duly authorized DTI/BPS representative. Inspection and inventory shall be conducted by the DTI/BPS representative prior to the actual destruction.

Rule 11. ENFORCEMENT AND MARKET SURVEILLANCE

- 11.1. The DTI-BPS/FTEB/RO/PO and DOE-EUMB shall exchange information on non-conformities with the relevant technical regulations found during enforcement, monitoring, verification and surveillance activities, for the appropriate action of the respective agencies.
- 11.2. All reports endorsed by DOE-EUMB to the DTI-BPS relative to the challenge test with non-conforming results shall be subject for appropriate actions. The BPS shall issue Show Cause Order, suspension, withdrawal or cancellation order as per DAO 04:2008 for PS and DAO 05:2008 for ICC.

Rule 12. FEES, CHARGES, BOND REQUIREMENT AND OTHER EXPENSES

All corresponding fees, charges, costs, and other related expenses shall be for the account of manufacturer/importer as per DAO 04:2008 for PS and DAO 05:2008 for ICC.

Rule 13. PRODUCT NON-CONFORMANCE

For energy consuming products that do not conform to the requirements of the PNS, factory audit and/or BPS rules and regulations/guidelines, the provisions on the Product Recall, issuance of Show Cause Order and/or Bond Forfeiture under DAO 04:2008 for PS and DAO 05:2008 for ICC shall apply.

Rule 14. ISSUANCE OF GUIDELINES/PROCEDURES

BPS may issue such procedural guidelines as may be necessary in the implementation of this Order.

Rule 15. REPEALING CLAUSE

All provisions of existing Department Administrative Orders, circulars, and guidelines inconsistent with this Administrative Order are hereby repealed subject to the transitory provisions below.

Rule 16. SEPARABILITY CLAUSE

If any term or provision of this Order should be declared illegal or invalid by a court of competent jurisdiction, the remaining terms and provisions thereof shall remain unimpaired and in full force.

Rule 17. TRANSITORY PROVISIONS

- 17.1. All manufacturers and importers of energy consuming products covered in this Order, except those specified in Rule 17.2 herein, shall apply for safety and performance certification consistent with the procedures and requirements prescribed herein on the date of effectivity of this Order.
- 17.2. For the products listed below, mandatory certification for the performance requirements shall commence on the date of effectivity of this Order. Inclusion of the safety requirements in the mandatory certification of these products shall begin twelve (12) months after the date of effectivity of this Order. Within the 12-month transitory

period, manufacturers and importers may apply for voluntary safety certification consistent with the procedures and requirements prescribed in this Order.

17.2.1 Non-inverter, window-type and split-type (wall-mounted and floor-standing) air conditioners with cooling capacity above 36,000 kJ/hr. up to 50,000 kJ/hr.

17.2.2 Inverter type air conditioner with cooling capacity above 38,000 kJ/hr. up to 50,000 kJ/hr.

17.2.3 Cassette-type and ceiling suspended type air conditioners with cooling capacity up to 50,000 kJ/hr.

17.2.4 Refrigerator with storage capacity above 567 liters (20 cu. ft.) up to 600 liters (21.19 cu. ft.)

17.2.5 Television sets with display size above 1400 mm (55 inches) up to 1524 mm (60 inches)

17.2.6 Self-Ballasted LED Lamps with rated wattage above 30 W up to 60 W

17.3. In the absence of a BPS-recognized testing laboratory, the PS License applicants/holders shall nominate a testing laboratory accredited by an accreditation body signatory to ILAC/APAC MRA to conduct the product testing as per Rule 9 of this Order.

17.4. Meanwhile, in lieu of product testing under the Import Commodity Clearance Certification Scheme, the importers shall warrant that the energy consuming products they import into the country conform to the relevant Philippine National Standards through the following:

17.4.1 Importers shall submit supplier's/manufacture's declaration of conformity on a per shipment per Bill of Lading/Airway Bill basis;

17.4.2 Copy of valid test report for each energy consuming product issued within one (1) year from the date of issuance by a testing laboratory accredited by an accreditation body signatory to ILAC/APAC – MRA; and

17.4.3 Copy of valid ISO 9001 Certificate of the manufacturer

17.5. It is understood that the requirements stated in Rules 17.3 and 17.4 of this Order shall cease to be implemented once a BPS-recognized testing laboratory is available.

17.6. To ensure strict compliance of energy consuming products, market monitoring and enforcement shall be conducted eighteen (18) months after the effectivity of this Order. After this period, only products bearing the PS Mark or ICC stickers shall be allowed for distribution in the local market. All non-compliant products shall be subjected to the following:

17.6.1 First Offense – Notice of Violation shall be issued but retailers/distributors shall only be advised to pull-out the items from the selling area.

17.6.2 Second Offense onwards – Notice of Violation shall be issued subject to the regular adjudication process.

17.7. All uncertified products pulled-out from the local market and/or remaining inventories after the effectivity of the market monitoring and enforcement activity may undergo the BPS product certification process within six (6) months in accordance with the requirements of the relevant technical regulations. The application shall be supported by the following documents:

17.6.1 For locally-manufactured products:

17.6.1.1 The application for PS shall be applied on a per product, per type, per model, per brand basis;

17.6.1.2 The manufacturers shall submit summary of products being applied for certification listed in accordance to the format provided in Annex B

17.6.2 For imported products:

17.6.2.1 The application for ICC shall be applied by the importer on a per product, per type, per model, per brand and per manufacturer basis;

17.6.2.2 The importers shall submit summary of products being applied for certification listed in accordance to the format provided in Annex C

Rule 18. EFFECTIVITY

This Order shall take effect fifteen (15) days after its publication in a national newspaper of general circulation, a copy of which shall be submitted to the UP Office of National Administrative Register.

Done in the City of Makati this 16th day of February in the year 2022.



Catajay
Neil
Pinuela

NEIL P. CATAJAY
Director
Bureau of Philippine Standards

Recommended by:



Digitally
signed by
Castelo Ruth
Bernardino

ATTY. RUTH B. CASTELO
Undersecretary
Consumer Protection Group

Approved:



RAMON M. LOPEZ
Secretary

The following tolerances shall apply to all covered air conditioning appliances:

Type	Cooling Seasonal Performance Factor (CSPF)	Cooling capacity
RAC with cooling capacity below 3.33kW	Minimum is 3.08 and should not be less than 90% of the rated CSPF of the test value	Not be less than 90% of the rated value
RAC with cooling capacity within 3.33kW to 9.99 kW	Minimum is 2.81 and should not be less than 90% of the rated CSPF of the test value	
RAC with cooling capacity above 9.99 kW	Not be less than 90% of the rated CSPF of the test value	

The following tolerances shall apply to all covered refrigerating appliances:

Type	Minimum Energy Performance	Volume	Measured energy consumption	Ice-making test	Freezing capacity test
One-Door	200 l/kWh-24h,	Not be less than 97% of the rated value or one (1) liter, whichever is higher.	Not be more than 115% of the rated value.	Not be less than 85% of the rated value.	Not be less than 85% of the rated value.
Two-Door Manual Defrost	230 l/kWh-24h				
Frost-Free	180 l/kWh-24h				

The following tolerances shall apply to all covered television sets:

Standby power	Energy Efficiency Factor	Energy consumption	Viewing Screen Size
Maximum is 1.0 watt and not be more than 110% of the rated value	Not be less than 90% of the rated value	Not be more than 110% of the rated energy value	Not be less than 99% of the rated value

The following tolerances shall apply to all covered Self-Ballasted Compact Fluorescent Lamps:

Input power of lamp (W) (Mean measured value of the initial power shall not differ by +/-15% of rated value)	Correlated Color Temperature (CCT)				Average Life	Lumen Maintenance
	≤ 4000K		>4000K			
	bare lamp (efficacy not less than)	encapsulated lamp (efficacy not be less than 85% of)	bare lamp (efficacy not less than)	encapsulated lamp (efficacy not be less than 85% of)		
3 to < 5	45	38	41	35	Should not be less than 6,000 hours	Shall be equal to or greater than 80% aged for 2,000 hours.
≥ 5 to < 9	50	43	46	39		
≥ 9 to < 15	55	47	52	44		
≥ 15 to < 25	60	51	57	48		
≥ 25 to 60	65	55	62	53		

The following tolerances shall apply to all covered Double-Capped Fluorescent Lamps:

Input power of lamp (W)	Correlated color temperature (CCT)					
	≤ 4000K			>4000K		
	Halophosphate (efficacy not less than)	Triphosphate (efficacy not less than)	Triphosphate T5 (efficacy not less than)	Halophosphate (efficacy not less than)	Triphosphate (efficacy not less than)	Triphosphate T5 (efficacy not less than)
≥ 10 to < 21	60	65	85	55	60	80
≥ 22 to < 35	65	75	95	60	70	91
≥ 36 to < 65	70	83	-	65	78	-

Lamp type	Average Life	CRI	Luminous Flux	Lumen Maintenance
Halophosphate	not be less than 10,000 hours	not be less than 70	Initial luminous flux shall be greater than or equal to 90% of the rated value, and all samples shall measure greater than or equal to 85% of rated value.	after 2,000 hours of operation, it shall not be less than 90%, and after 70% of its rated life, it shall not be less than 75%.
Triphosphate	not be less than 15,000 hours	not be less than 80		not be less than 92% throughout its rated life

The following tolerances shall apply to all covered Single-Capped Fluorescent Lamps:

Input power of lamp (W)	Correlated color temperature (CCT)			
	≤ 4000K		>4000K	
	Halophosphate	Triphosphate	Halophosphor	Triphosphate
14 to 22	45	55	40	50
23 to 40	50	60	45	55
>40	55	65	50	60

Lamp type	Average Life	CRI	Lumen Maintenance
Halophosphate	not be less than 10,000 hours	not be less than 70	after 2,000 hours of operation, it shall not be less than 90%, and after 70% of its rated life, it shall not be less than 75%
Triphosphate		not be less than 80	

**Application for ICC Certification of Energy Consuming Products
Manufactured and Distributed in the Market
Prior to the Effectivity of DAO _____**

Name of Company: _____ **Date:** _____

Importer's Office Address: _____

Product: _____

Product Details:

Model	Date of Arrival in the Philippines	Manufacturer	Country of Origin	Value of Product (in PHP)	Warehouse Address	Batch/Serial Nos.	Quantity

Declared by: _____ **Total =** _____

Name and Signature of Company Representative

**Application for PS Certification of Energy Consuming Products
Manufactured and Distributed in the Market
Prior to the Effectivity of DAO _____**

Name of Company: _____ **Date:** _____

Manufacturer's Address: _____

Product: _____

Product Details:

Model	Date of Manufacturer	Value of Product (in PhP)	Warehouse Address	Batch/Serial Nos.	Quantity

Declared by: _____ **Total =** _____

Name and Signature of Company Representative