

DEPARTMENT ADMINISTRATIVE ORDER NO. ~~14-2~~ Series of ~~2014~~

SUBJECT: IMPLEMENTING GUIDELINES FOR THE MANDATORY CERTIFICATION OF AUDIO & VIDEO PRODUCTS COVERED BY PNS IEC 60065:2007- AUDIO, VIDEO AND SIMILAR ELECTRONIC APPARATUS – SAFETY REQUIREMENTS

Pursuant to Republic Act (R.A.) 4109, R.A. 7394, Executive Order (E.O.) No. 913 Series of 1983, E.O. No. 101 Series of 1967, Department Administrative Order (DAO) No. 3, Series of 2008, DAO No. 4, Series of 2008, DAO No. 5, Series of 2008, DAO No. 2, Series of 2007, and PNS IEC 60065:2007, the following guidelines are hereby issued for the information, guidance and compliance of all manufacturers, importers and other concerned stakeholders.

1. SCOPE

1.1. These guidelines cover audio and video products covered by PNS IEC 60065:2007 as follows:

1.1.1. Television sets

Types	:	CRT TV, colored and black & white
Supply Voltage	:	110 Volts – 250 Volts ac
Supply Frequency	:	50/60 Hertz or 60 Hertz

Types	:	LCD Panel TV (with CCFL or LED Backlight)
Sizes	:	up to 45 inches LCD Panel
Supply Voltage	:	up to 250 Volts ac (directly to the mains)
Supply Frequency	:	50/60 Hertz or 60 Hertz

1.1.2 CD / VCD/ DVD Players

Types	:	stand alone player
Supply Voltage	:	110 Volts – 250 Volts ac
Supply Frequency	:	50/60 Hertz or 60 Hertz

1.2. These guidelines do not cover audio and video products listed below:

- 1.2.1. Plasma TV
- 1.2.2. Projection TV
- 1.2.3. CD / VCD/ DVD Players incorporated in Home Theater System
- 1.2.4. CD / VCD/ DVD Players incorporated in Component System
- 1.2.5. Other Audio/Video products not specified in clause 1.1.

2. DEFINITION OF TERMS

For the purpose of these guidelines, the definition of terms provided for by DTI's DAO 2:2007, DAO 3:2008 , DAO 4:2008 and DAO 5:2008 shall apply in addition to the following definition of terms:

Enabling Business, Empowering Consumers
Implementing Guidelines for PNS IEC 60065:2007, Audio Video - Safety Requirements

- 2.1. **DAO 2:2007** – Department Administrative Order No. 2 series of 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.
- 2.2. **DAO 3:2008** – Department Administrative Order No. 3 series of 2008 – Rules and Regulations Concerning the Safety of Low Voltage Equipment.
- 2.3. **DAO 4:2008** – Department Administrative Order No. 4 series of 2008 – The new rules and regulations concerning the Philippine Standard (PS) Quality and/or Safety Certification Mark Scheme of the BPS.
- 2.4. **DAO 5:2008** – Department Administrative Order No. 5 series of 2008 – The new rules and regulations concerning the issuance of Import Commodity Clearance under the Product Certification Mark Scheme of the BPS.
- 2.5. **Product** – refers to audio and video products within the scope of these guidelines.
- 2.6. **CRT** – Cathode Ray Tube
- 2.7. **LCD** – Liquid Crystal Display
- 2.8. **CCFL** – Cold Cathode Fluorescent Lamp
- 2.9. **LED** – Light Emitting Diode
- 2.10. **CD player** - Compact Disc player, an electronic device which plays audio Compact Discs.
- 2.11. **VCD Player** – Video Compact Disc player, an electronic device which plays video Compact Discs.
- 2.12. **DVD player** - is a device that plays discs produced under both the DVD Video and DVD Audio technical standards. Additionally, most DVD players allow users to play audio CDs (CDDA, MP3, etc.) and Video CDs (VCD) and include a home cinema decoder (i.e. Dolby Digital, Digital Theater Systems (DTS).
- 2.13. **Home theater** - audio video player implementing surround sound which refers to application of multichannel audio to channels "surrounding the audience (generally some combination of left surround, right surround and back surround) as opposed to screen channels.
- 2.14. **PMPO** – Peak Music Power Output, maximum instantaneous power or beyond clipping produced by any audio power amplifier.
- 2.15. **Base Model** - One that represents a set of generic characteristics of a group of product and whose main component together with the design are distinct including energy source, electrical characteristics, and other physical or functional characteristics.

2.16. **Generic Model** – refers to a range of models similar to the base model. Any variation from the base models shall have no effect on the safety aspect of the product.

2.17. **Test Samples** – A product randomly chosen from a lot or batch.

3. AUTHORITIES AND RESPONSIBILITIES OF THE DTI

3.1. In addition to the duties and responsibilities specified in DAO 3:2008, DAO 4:2008 and DAO 5:2008, **BPS** shall:

3.1.1 Inform the licencees/ ICC Holders of any changes in the standard.

3.1.2 Conduct the final evaluation of all factory and product audit reports, test reports and other relevant documents of the DTI Regional /Provincial Offices and/or Recognized Inspection/Testing Bodies.

3.1.3 Issue, deny, or revoke licenses/certificates based on the evaluation of factory and product audit, product testing and compliance or non compliance with the requirements of DAO 3:2008, DAO 4:2008 and DAO 5:2008 and other BPS rules and regulations.

3.1.4 Coordinate with the DTI Regional or Provincial Offices and the DTI Office of Legal Affairs in identifying and implementing appropriate legal action against manufacturers and/or assemblers violating the above-stated laws, rules and regulations, department administrative orders, these implementing guidelines, the requirements of the specific standard, and its implementing memoranda and circulars.

4. APPLICATION FOR PS OR ICC MARK

1.1 Manufacturers shall apply for the Philippine Standard (PS) Quality and/or Safety Certification License to BPS, or through the nearest DTI Regional or Provincial office. Requirements, procedures and processing of PS application are governed by DAO 4:2008 and its implementing rules and regulations.

1.2 Importers shall apply for the Import Commodity Clearance (ICC) on a per shipment per bill of lading basis to BPS or to the nearest DTI Regional or Provincial office. Requirements, procedures and processing of ICC application are governed by DAO 5:2008 and its implementing rules and regulations.

5. SAMPLING

5.1 A duly authorized DTI/BPS representative shall take the following samples per brand/size/base model for independent testing:

5.1.1 Complete unit	2 units
5.1.2 Detailed circuit diagram including PCB wiring diagram	1 copy
5.1.3 Instruction manual (user's manual)	1 copy
5.1.4 Service manual	1 copy
5.1.5 Parts list	1 copy

- 5.2 Some additional parts or critical components i.e mains transformer, degaussing coil, fuse, flyback transformer, switches, transistors, resistors, diodes, ICs, etc. may be requested by the BPSTC or any BPS recognized testing laboratory/ies if necessary.
- 5.3 In the case of generic models, 1 complete unit shall be drawn and be sent to BPS recognized testing laboratory for actual verification purposes.
- 5.4 Test sample(s) shall be taken at random either in the production line, warehouse or open market. The manufacturer or importer may also send an advance sample for testing prior to production or shipment.
- 5.5 Test sample(s) for independent test shall be packed / sealed and signed in the presence of a DTI/BPS representative or BPS designated inspector and shall be sent by the manufacturer or importer to BPS recognized testing laboratory. The authorized DTI/BPS representative shall ensure that Request for Test form is properly filled-up, signed and issued to the manufacturer or importer.
- 5.6 Prior to testing, there shall be no special preparation, modification or adjustment, quality control, testing or assembly procedure conducted in any manner on a test sample or any parts and sub-assemblies thereof, which is not normally performed during production and assembly.

6. INDEPENDENT TESTING

- 6.1 The official testing laboratory shall be the Bureau of Product Standards Testing Center (BPSTC) and/or BPS recognized testing laboratory (ies).
- 6.2 Products shall be tested in accordance with the requirements of PNS IEC 60065:2007 and these implementing guidelines.
- 6.3 In addition to PNS IEC 60065:2007, CRT type television sets shall be tested based on PNS 378:2003 for viewing screen dimension measurement.
- 6.4 For LCD Television, CLASS II construction as defined in PNS IEC 60065:2007 shall be the minimum classification of insulation.
- 6.5 Meantime, manufacturers/importers shall submit to the testing laboratory Test Certificates for components, mechanical strength of picture tubes and protection against effects and implosion, and resistance to fire of plastic materials (as applicable) until such time that there is a laboratory designated or recognized by BPS that has the capability to conduct such tests.
- 6.6 The testing laboratory shall conduct full test on base model and verification only on generic models. If in the determination of the testing laboratory upon verification that there are differences between the base model and generic model that will affect safety, applicable testing shall be conducted on the generic model.
- 6.7 If in the determination of BPS that test samples failed to conform to the requirements of the standard, the manufacturer/importer will be advised by DTI/BPS to undertake remedial measures. Another set of samples shall be drawn for testing after corrective action has been undertaken. Product compliance to the said test shall determine approval of the certification.

- 6.8 In the case of advance sample that passed testing and test samples that undergone corrective measures before undergoing tests, DTI/BPS has the prerogative to draw samples from the production or actual shipments for confirmatory testing or verification.
- 6.9 If in the determination of BPS and testing laboratory that there are differences between the tested sample and drawn sample from the production or actual shipments that will affect safety, applicable testing shall be conducted.
- 6.10 In the case of product with accompanying Test Report acceptable to BPS, verification of the product through testing or inspection may be conducted.
- 6.11 All test results shall be held strictly confidential by the BPS recognized testing laboratory concerned. Copies of test report that maybe requested by the manufacturers/importers from BPS are for product certification purposes only and not to be used for commercial purposes.

7. VALIDITY OF TEST REPORT

- 7.1 The test report shall be valid for one (1) year from the date of its issuance; however, DTI/BPS has the prerogative to draw samples during this period for confirmatory testing or verification.

8. DISPOSITION OF SAMPLES

- 8.1 All remaining samples for monitoring and testing purposes shall be returned to the manufacturer/importer.
- 8.2 Samples which failed to comply with the requirements of PNS IEC 60065:2007 may be stored at the concerned testing laboratory for reference purposes and in the event that the manufacturer/importer contests the result of tests. Should the test results was not contested after two (2) months of its issuance, the test report is deemed final and the samples shall be returned to the manufacturer/importer or disposed of in a manner deemed appropriate, under existing government rules and regulations.
- 8.3 BPS and the testing laboratory shall not be liable for whatever damage sustained by the test samples during transport and testing. The manufacturer/importer, upon receipt of notice of disposal of test samples, arranges within one (1) month time to pick up the samples at the concerned testing laboratory. The testing laboratory shall dispose the samples in a manner deemed appropriate, under existing government rules and regulations. Disposal of tested samples with hazardous substances shall be the responsibility of the manufacturer/importer concerned.

9. COMPLIANCE AND RESPONSIBILITIES OF THE PS LICENSEE and ICC HOLDERS

9.1 Compliance

- 9.1.1 PS Safety Certification Mark License shall be issued to the manufacturer/assembler for the type(s)/ model(s) tested when the results of factory and/or product audits show conformity to the requirements specified in DAO 4:2008, its implementing rules and regulations, PNS IEC 60065:2007, these implementing guidelines and other DTI/BPS rules and regulations.

9.1.1.1 The PS Safety Certification Mark License shall take effect from the date of its issue and shall be in full force and effect for a period of three (3) years, subject to a minimum annual surveillance visit to include quality management system audit and product sampling and testing.

9.1.1.2 For product sampling, all base models included in the scope of PS Safety Certification Mark License shall be drawn for the necessary independent testing.

9.1.2 An Import Commodity Clearance (ICC) shall be issued to importers whose product show conformity to the requirements specified in DAO 5:2008, its implementing rules and regulations, PNS IEC 60065:2007, these implementing guidelines and other DTI/BPS rules and regulations.

9.2 Responsibilities of the PS Licensee

9.2.1 The licensee shall abide by the Terms and Conditions of the PS license and is governed by DAO 4:2008 and its implementing rules and regulations and DAO 3:2008.

9.3 Responsibilities of the ICC Holders

9.3.1 The ICC Holder shall abide by the Terms and Conditions of the ICC and is governed by DAO 5:2008 and its implementing rules and regulations and DAO 3:2008.

10. REQUIRED MARKINGS

10.1 In addition to the required markings of PNS IEC 60065:2007, the following shall be marked on the product and/or on its packaging:

10.1.1 PS Certification Mark or ICC Mark

10.1.1.1 The design of PS Certification Mark shall be in accordance with Annex 1 of DAO 4:2008 and ICC Mark shall be in the form of sticker issued by BPS.

10.1.1.2 The PS Certification Mark or ICC Mark shall only be placed/put on certified products and shall not be used in any other product in a misleading manner.

The PS Mark or ICC Mark with corresponding certification/identification number shall be permanently fixed on the product and/or on its packaging covered by the corresponding PS Safety Certification Mark License or Import Commodity Clearance.

10.1.2 Viewing Screen Size Marking (for CRT Television sets only)

10.1.2.1 The viewing screen size shall be legibly and conspicuously marked on the carton box/packaging and shall be declared at the operations manual.

10.1.2.2 The viewing screen size shall be marked on the carton box/packaging as presented below:

Viewing screen size: * mm**

Wherein: *** is the viewing screen size in millimeter

10.1.2.3 The font size for the viewing screen size marking shall not be less than 12 mm.

11. MONITORING AND MARKET SURVEILLANCE

11.1 The BPS / DTI Regional/Provincial Offices shall at any time monitor and inspect products in the market for conformance to the requirements of DAO 2:2007, DAO 3:2008, DAO 4:2008, DAO 5:2008 and the specific standard. If the products are found not in conformity, DTI/BPS shall make appropriate legal actions or impose necessary actions, in accordance with the relevant laws, rules and regulations.

12. SEPERABILITY CLAUSE

12.1 Should any provision of this Order or any part thereof be declared invalid, the other provisions, so far as they are seperable from the invalid ones, shall remain in force and effect.

13. REPEALING CLAUSE

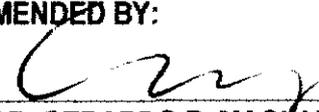
13.1 This repeals Memorandum Circulars, Implementing Guidelines and all other Orders or parts thereof which are inconsistent with the provision of this Administrative Order.

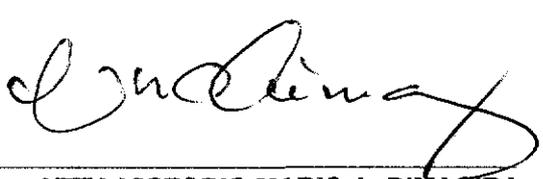
14. EFFECTIVITY

14.1 This order shall take effect upon its publication in a national newspaper of general circulation / official gazette.

Done in the city of Makati this 1st day
of April in the year 2014.

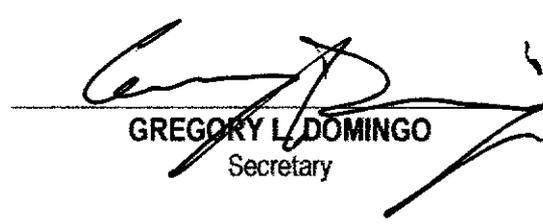
RECOMMENDED BY:


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