

**DEPARTMENT OF TRADE AND INDUSTRY  
AND  
DEPARTMENT OF ENERGY**

**JOINT ADMINISTRATIVE ORDER**

No. 09-03  
Series of 2009

**Subject :** Mandatory Philippine National Standard (PNS) for fluorescent lamps, compact fluorescent lamps, high intensity discharge lamps, ballasts and luminaires

Whereas, the Department of Energy (DOE) through the Energy Research and Testing Laboratory Services (ERTLS) and the Department of Trade and Industry (DTI) through the Bureau of Product Standards (BPS) are presently engaged in the development and implementation of product certification programs aimed at promoting the use of energy efficient household appliances and lighting products in the country;

Whereas, on September 2005 the DOE and the DTI signed a Memorandum of Agreement (MOA) for the development of lighting product standards under the Philippine Efficient Lighting Market Transformation Program (PELMATP), a project of DOE with support from the Global Environment Facility and United Nations Development Programme;

Whereas, on 21 July 2008, the Supplemental Memorandum of Agreement was entered into between the DOE/ERTLS and DTI/BPS for the Development and Implementation of Lighting Monitoring Program, which is a supplemental activity to the Development of Lighting Product Standards, has been signed and carried out.

NOW, THEREFORE, the foregoing premises considered,

1. In accordance with the provisions of R.A. No. 4109, R.A. No. 7394, Executive Order No. 913, Series of 1983, DTI DAO No. 02, Series of 2007, DTI DAO No. 4, Series of 2008, DTI DAO No. 5 Series of 2008 and Sec. 10 (4), title X Book IV, of the Administrative Code of 1987, the following Philippine National Standards are hereby jointly adopted by DOE-ERTLS and DTI-BPS for their mandatory implementation:

**A. Fluorescent Lamps**

- A.1 PNS IEC 60081:2006 (IEC published 2002) Double-capped fluorescent lamps – Performance specifications with PNS IEC 60081:2006 Amd. 02:2006 (IEC published 2002 Amd. 02:2003) & PNS IEC 60081:2006 Amd. 03:2006 (IEC published 2002 Amd. 03:2005)
- A.2 PNS IEC 61195:2006 (IEC published 1999) Double-capped fluorescent lamps – Safety specifications

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- A.3 PNS 2050-1-1:2007 Lamps and related equipment – Energy efficiency and labeling requirements – part 1-1:Double-capped fluorescent lamps
- A.4 PNS IEC 60901:2001 (IEC published 1996) Single-capped fluorescent lamps – Performance specifications PNS IEC 60901:2001 Amd. 01 2006 (IEC published 1996 Amd 01:1997) & PNS IEC 60901:2001 Amd 02:2006 (IEC published 1996 Amd. 02:2000) & PNS IEC 60901:2001Amd. 03:2006 (IEC published 1996 Amd. 03:2004)
- A.5 PNS IEC 61199:2006 (IEC published 1999) Single-capped fluorescent lamps – safety requirements
- A.6 PNS 2050-1-2:2006 Lamps and related equipment – Energy labeling requirements – Part 1-2:Single-capped fluorescent lamps
- B. Compact Fluorescent Lamps**
- B.1 PNS IEC 969:2006 (IEC PUBLISHED 1988) Self-ballasted lamps for general Lighting services – Performance requirements
- B.2 PNS IEC 968:2006(IEC published 1988) Self-ballasted lamps for general lighting services – Safety requirements
- B.3 PNS 2050-2:2007 Lamps and related equipment – Energy efficiency and labeling requirements – Part 2:Self-ballasted lamps for general lighting services
- C. High Intensity Discharge Lamps**
- C.1 PNS IEC 60192:2006 (IEC published 2001) Low pressure sodium vapour lamps – Performance specifications
- C.2 PNS IEC 60662:2006 (IEC published 2002) High pressure sodium vapour lamps (Ed.1.1-including Amd.1)
- C.3 PNS IEC 61167:2006 (IEC published 1992) Metal halide lamps
- C.4 PNS IEC 60188:2006 (IEC published 2001) High pressure mercury vapour lamps – Performance specifications
- C.5 PNS IEC 60357:2006 (IEC published 2002) Tungsten halogen lamps (non-vehicle) – Performance specifications
- C.6 PNS IEC 62035:2005 Amd. 1:2006 (IEC published 1999 Amd. 1:2003) Discharge lamps (excluding fluorescent lamps) – safety specifications
- C.7 PNS 2050-3:2007 lamps and related equipment – Energy labeling requirements – Part 3: High intensity discharge lamps

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## D. Ballasts

- D.1 PNS IEC 60921:2006 (IEC published 2004) Ballast for tubular fluorescent lamps – performance requirements
- D.2 PNS IEC 60929:2006 (IEC published 2003) AC supplied electronics ballast for tubular fluorescent lamps – performance requirements
- D.3 PNS IEC 60923:2006 (IEC published 2005) Auxiliaries for lamps – Ballast for discharge lamps (excluding tubular fluorescent lamps) – performance requirements
- D.4 PNS IEC 61347-1:2002 Amd. 1:2006 (IEC published 2000 Amd. 1:2003) Lamp controlgear – Part 1: General and Safety requirements
- D.5 PNS IEC 61347-2-3:2002 Amd. 1:2006 (IEC published 2000 Amd. 1:2004) Lamp controlgear Part 2-3: Particular requirements for AC supplied electronic ballast for fluorescent lamps
- D.6 PNS IEC 61347-2-9:2005 Amd. 1:2006 (IEC published 2000 Amd. 1:2003) Lamp control gear – part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
- D.7 PNS 2050-4:2007 Lamps and related equipment – Energy labeling requirements – Part 4: Ballast

## E. Luminaires

- E.1 PNS IEC 60598-1:2006 (IEC published 2003) Luminaires – Part 1: General requirements and tests
- E.2 PNS 2050-5:2006 Lamps and related equipment – energy labeling requirements – Part 5:Luminaires

2. All manufacturers, importers, distributors, dealers, agents and retailers of said product shall comply with the requirements of these standards.
3. A third party certification, known as the Product Certification Schemes of the DTI-Bureau of Product Standards (BPS) requires all manufacturers and importers of said products to secure a Philippine Standard (PS) License and/or an Import Commodity Clearance (ICC), respectively, prior to their distribution and sale.
4. The DTI-BPS in consultation with the DOE shall promulgate implementing guidelines specifying implementing timetables, taking into consideration present inventory levels, production capabilities of industries and testing capabilities of BPS and other testing institutions.

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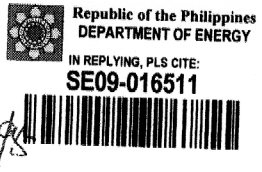
5. The Implementation of these standards shall be done by the Bureau of Product Standards together with the DTI Regional and Provincial Offices and the DTI Bureau of Trade Regulation and Consumer Protection (BTRCP).
6. All manufacturers, distributors, importers and retailers found not complying with these requirements shall be penalized in accordance with the provisions for liabilities and penalties under RA 7394, EO 913, and DAO 02:2007.
7. All other orders or parts thereof which are inconsistent with the provisions of this Administrative Order are hereby repealed or amended accordingly.
8. In the case of conflict between the PNS and the original text of the International Electrotechnical Commission (IEC), including its future revisions and amendments, the latter shall prevail.
9. This Order shall take effect fifteen (15) days after publication in two newspapers of general circulation.


Accordingly, all parties concerned are hereby informed that copies of said standards and implementing guidelines may be secured from the BPS Information Services.

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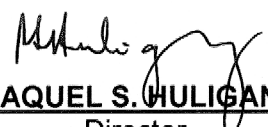
Makati City \_\_\_\_\_

**DEPARTMENT OF ENERGY**  
  
**ANGELO T. REYES**  
 Secretary



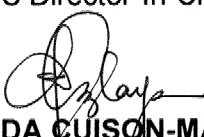
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