



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF FINANCE
BUREAU OF CUSTOMS

MANILA 1099
South Harbor, Gate 3, Port Area, Manila

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September 27, 2018

CUSTOMS MEMORANDUM CIRCULAR
NO. 198 - 2018

To: All District/Port Collectors
All Others Concerned

SUBJECT: Inclusion of Self-Ballasted LED Lamps in the Bureau of Philippine Standards' (BPS) List of Products under Mandatory Certification on August 25, 2018.

With reference to the letter dated August 28, 2018 from Director James E. Empeño, Bureau of Philippines Standard, All Concerned are informed that the importation of **Self-Ballasted LED Lamps** has been included in the BPS' List of Products under Mandatory Certification.

In this regard, the subject product shall be required to secure clearance from BPS before the release of these commodities from the BOC's jurisdiction.

Moreover, hereto attached is the Updated List of Products under Mandatory Certification from the BPS as of August 25, 2018.

For your information and guidance.

Isidro S. Lapeña
ISIDRO S. LAPEÑA, PhD, CSEE
Commissioner



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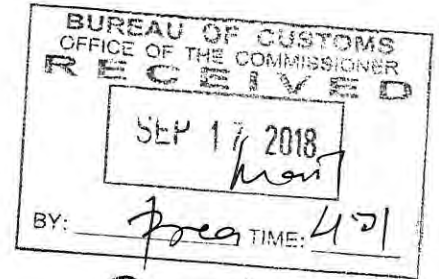
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CMC 198-2018 P-2

28 August 2018

COMMISSIONER ISIDRO LAPEÑA
BUREAU OF CUSTOMS
G/F OCOM Bldg.
Port Area, Manila



Dear Commissioner Lapeña:

This has reference to the implementation of the Mandatory Product Certification Schemes by the Bureau of Philippine Standards (BPS) as prescribed under Republic Act No. 4109 (Standards Law) and 7394 (Consumer Act of the Philippines).

Please be informed **self-ballasted LED lamps** has been included in the Bureau of Philippine Standards' (BPS) List of Products Under Mandatory Certification on 25 August 2018.

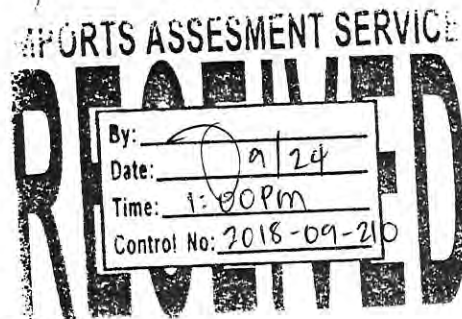
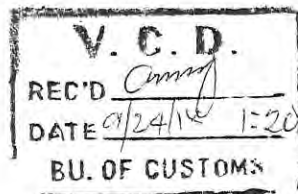
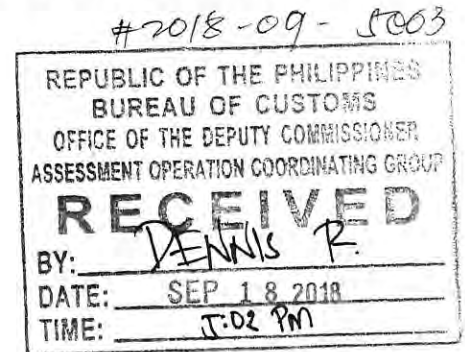
In this regard, the subject product shall be required to secure clearance from the BPS before the release of these commodities from the BOC's jurisdiction.

Attached hereto is the updated List of Products Under Mandatory Certification for your reference.

Thank you.

Sincerely,

DIRECTOR JAMES E. EMPEÑO
BPS



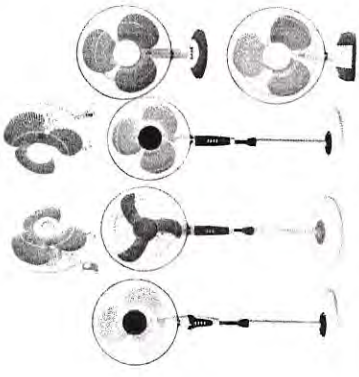


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Enabling Business, Empowering Consumers



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Membership:
• International Organization for Standardization (ISO)
• International Electrotechnical Commission (IEC)
• World Trade Organization (WTO) Technical Barriers to Trade (TBT)
- National Enquiry Point (NEP)
- National Notification Authority (NNA)

**BUREAU OF PHILIPPINE STANDARDS
LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION
As of 28 August 2018**

No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
1	Electric fans	Manual or remote-controlled household electric fans, 300 watts and below with rated voltage being not more than 250V a.c., single phase, 60Hz, plastic/metal blades, ceiling/orbit/table/desk/box/tower/pedestal/stand/floor/partition/exhaust/ duct fans	PNS IEC 60335-2-80:2000 (IEC 60335-2-80:1997) Safety of household and similar electrical appliances - Part 2 : Particular requirements for fans	
		a.c. and a.c./d.c. electric fans with rated power up to 300 W and rated voltage not more than 250 V a.c.	PNS IEC 60335-2-80:2016 (IEC published 2015) Household and similar electrical appliances - Safety - Part 2 - 80: Particular requirements for fans	
2	Electric irons	Portable household electric flat iron	PNS 254-1:1994 Amd. 01:2000 (IEC 60335-2-3:1993 Amd. 01:1999) Safety of household and similar electrical appliances -Part 2 : Particular requirements for electric irons	
		Electric dry irons and steam irons for household and similar purposes up to 250 V a.c.	PNS IEC 60335-2-3:2005 (IEC published 2002) Household and similar electrical appliances - Safety - Part 2 - 3: Particular requirements for electric irons	

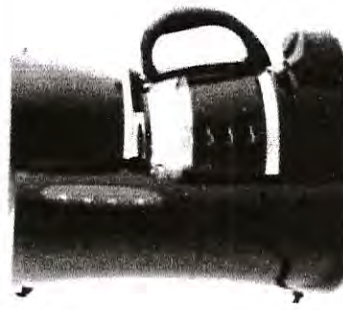

**BUREAU OF PHILIPPINE STANDARDS
LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION
As of 28 August 2018**

No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Household Appliances				
3	Electric blenders	Portable household electric blender	PNS 1244:1994 (IEC 335-2-14:1984) Safety of household and similar electrical appliances - Part 2 : Particular requirements for kitchen machines	
		Portable electric blenders with rated voltage up to 250 V a.c.	PNS IEC 60335-2-14:2016 (IEC published 2012) Household and similar electrical appliances- Safety - Part 2 - 14: Particular requirements for kitchen machines	
4	Microwave ovens	Portable household electric microwave ovens rated up to 250V a.c. with basic functions only	PNS IEC 335-2-25:2000 (IEC 60335-2-25:1996) Safety of household and similar electrical appliances Part 2 : Particular requirements for microwave ovens	
		Portable microwave ovens with rated voltage up to 250 V a.c.	PNS IEC 60335-2-25:2015 (IEC published 2014) Household and similar electrical appliances - Safety - Part 2 -25: Particular requirements for microwave ovens, including combination microwave ovens	



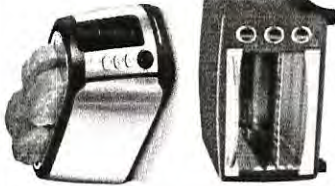

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LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION
As of 28 August 2018**

No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
5	Electric rice cookers	Portable household electric rice cookers & rice warmers	<p>PNS 255:1996 (IEC 335-2-15:1995) Safety of household and similar electrical appliances Part 2 : Particular requirements for appliances for heating liquids</p>	
		Electric rice cooker/warmer up to 7 liters capacity with rated voltage up to 250 V a.c.	<p>PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids</p>	
6	Electric airpots	Portable household electric airpots	<p>PNS 255:1996 (IEC 335-2-15:1995) Safety of household and similar electrical appliances Part 2 : Particular requirements for appliances for heating liquids</p>	
		Electric airpots with rated voltage up to 250 V a.c.	<p>PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids</p>	

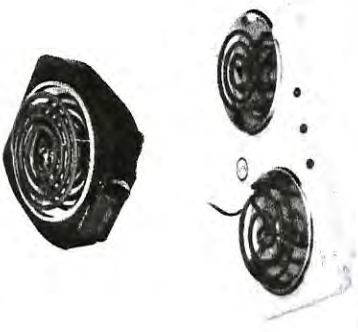
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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
HOUSEHOLD APPLIANCES				
ELECTRICAL & ELECTRONIC PRODUCTS				
7	Electric coffeemakers	Portable household coffeemakers	<p>PNS 255:1996 (IEC 335-2-15:1995) Safety of household and similar electrical appliances Part 2 : Particular requirements for heating liquids</p>	
		Electric coffeemakers with rated voltage up to 250 V a.c.	<p>PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids</p>	
8	Television sets	CRT TV, colored and black & white, 110v - 250 V a.c.; LCD Panel TV (with CCFL or LED backlight) up to 45 inches LCD panel, up to 250V a.c. (directly to the mains)	<p>PNS IEC 60065:2007 (IEC 60065:2001) Audio, video and similar electronic apparatus - Safety requirements</p>	
		CRT and LCD panel (with CCFL or LED backlight) with display size up to 55 inches, with rated voltage up to 250 V a.c.	<p>PNS IEC 60065:2013 (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements</p>	


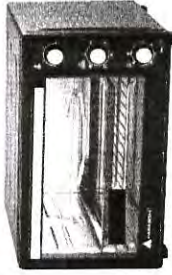


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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Household Appliances				
9	CD/VCD/DVD players	stand-alone CD/VCD/DVD players 110 V - 250 V a.c.	PNS IEC 60065:2007 (IEC 60065:2001) Audio, video and similar electronic apparatus - Safety requirements	
	CD/VCD/DVD/Blu-ray disc players	Stand-alone CD/VCD/DVD/Blu-ray disc players with rated voltage up to 250 V a.c.	PNS IEC 60065:2013 (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements	
10	Electric toasters	Portable household electric toasters	PNS 272:1996 (IEC 335-2-9:1993) Safety of household and similar electrical appliances Part 2 : Particular requirements for toasters, grills, roasters and similar appliances	
		Electric toasters with rated voltage not more than 250 V a.c.	PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	

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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
11	Electric stoves	Portable household electric stoves & hot plates Electric stove with rated voltage not more than 250 V a.c.	PNS 272:1996 (IEC 335-2-9:1993) Safety of household and similar electrical appliances Part 2 : Particular requirements for toasters, grills, roasters and similar appliances PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
	12	Electric hot plates	Portable household electric hot plates Electric hot plates with rated voltage not more than 250 V a.c.	PNS 272:1996 (IEC 335-2-9:1993) Safety of household and similar electrical appliances Part 2 : Particular requirements for toasters, grills, roasters and similar appliances PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Household Appliances				
13	Electric grills	Electric grills with rated voltage not more than 250 V a.c.	PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
14	Electric ovens	Electric ovens with rated voltage not more than 250 V a.c.	PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
15	Turbo broilers	Turbo broilers with rated voltage not more than 250 V a.c.	PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
16	Induction cookers	Induction cookers with rated voltage not more than 250 V a.c.	PNS IEC 60335-2-9:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	

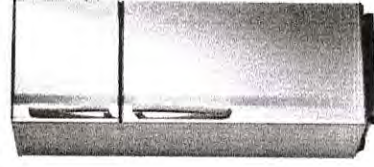
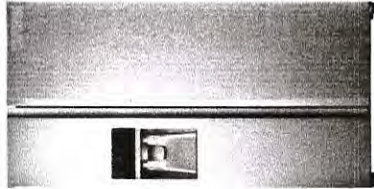

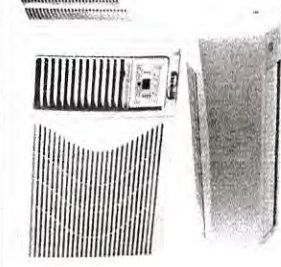
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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
17	Washing machines	Single-washer & washer w/ spin extraction and semi-automatic controlled rated up to 250V a.c.	PNS IEC 60335-2-7:2000 (IEC 60335-2-7:1998) Safety of household and similar electrical appliances Part 2-7 : Particular requirements for washing machines	
18	Spin extractors	Single-tub and twin-tub, semi-automatic and fully-automatic controlled washing machines with horizontal or vertical drum orientation with rated voltage up to 250 V a.c.	PNS IEC 60335-2-7:2016 (IEC published 2012) Household and similar electrical appliances - Safety -Part 2 - 7 : Particular requirements for washing machines	
18	Spin extractors	Spin extractors up to 250 V a.c.	PNS IEC 60335-2-4:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 4: Particular requirements for spin extractors	



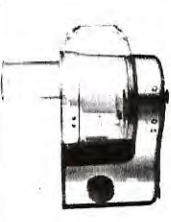



**BUREAU OF PHILIPPINE STANDARDS
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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Household Appliances				
ELECTRICAL & ELECTRONIC PRODUCTS				
20	Refrigerators	142 liters to 227 liters (5 to 8 cu. ft.) storage capacity, single-door and two-door inclusive	<p>PNS IEC 60335-2-24:2001 Amd.01:2003 (IEC 335-2-24:2000) Safety of household and similar electrical appliances - Part 2-24 : Particular requirements for refrigerating appliances and ice-makers</p> <p>PNS 396-2:1997 Amd. 01:2000 Household appliances - Energy efficiency factor (EEF) and labeling requirements - Part 2 : Refrigerators and freezers</p>	 
21	Air conditioners	<p>Storage capacity up to 567 liters (20 cu. ft.), rated voltage up to 250 V a.c.</p> <p>Window & Split-type (wall & floor mounted) up to 36,000 KJ/hr cooling capacity</p> <p>Inverter, window-type and split-type (wall-mounted and floor-standing) air conditioners, with not more than 205 V for single phase and 600 V for all other types and with cooling capacity up to 38,000 kJ/hr.</p>	<p>PNS IEC 60335-2-24:2013 (IEC 60335-2-24:2010) Household and similar electrical appliances - Safety - Part 2 - 24: Particular requirements for refrigerating appliances, ice-cream appliances and ice-makers</p> <p>PNS 396-1:1998 Household appliances - Energy efficiency ratio (EER) and labeling requirements - Part 1 : Non-ducted airconditioners</p> <p>PNS IEC 60335-2-40:2013 (IEC published 2005) Household and similar electrical appliances - Safety - Part 2 - 40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers</p>	 



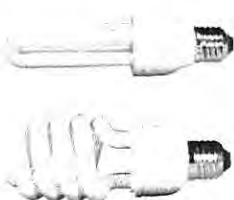
**BUREAU OF PHILIPPINE STANDARDS
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Household Appliances				
ELECTRICAL & ELECTRONIC PRODUCTS				
23	Electric juicers	Electric juicer with rated voltage up to 250 V a.c.	PNS IEC 60335-2-14:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	
24	Electric food mixers	Electric food mixers with rated voltage up to 250 V a.c.	PNS IEC 60335-2-14:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	
25	Electric food processors	Electric food processors with rated voltage up to 250 V a.c.	PNS IEC 60335-2-14:2016 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	
26	Electric kettles	Electric kettles with a rated voltage up to 250 V a.c.	PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	

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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
27	Electric pressure cookers	Electric pressure cookers with a rated voltage up to 250 V a.c.	PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
28	Electric slow cookers	Electric slow cookers with a rated voltage up to 250 V a.c.	PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
29	Electric multi-cookers	Electric multi-cooker with a rated voltage up to 250 V a.c.	PNS IEC 60335-2-15:2015 (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	

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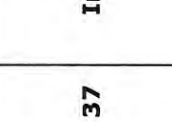
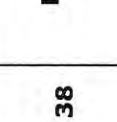
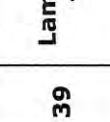
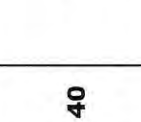
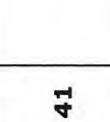
No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
LAMPS AND RELATED PRODUCTS				
30	Pre-heat / Magnetic ballasts	Ballasts for tubular fluorescent lamps specifically with ratings from 18W to 40W for T12, T10, T9, and T8 halophosphate fluorescent lamps with G13 cap, 50/60Hz	PNS IEC 61347-2-8:2002 (IEC 61347-2-8:2000) Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps	
31	Electronic ballasts	a.c. supplied electronic ballasts up to 1000 V at 50 Hz or 60 Hz with ratings from 10W to 40W for T12, T10, T9, T8 & T5 halophosphate & triphosphate with G13 & G5 caps	PNS IEC 61347-2-3:2002 with Amd. 1:2006 (IEC 61347-2-3:2000) Lamp controlgear - Part 2-3: Particular requirements for A.C. supplied electronic ballasts for fluorescent lamps for general lighting service	
32	Self-ballasted Lamps / Compact Fluorescent Lamps	2W to 60W, up to 250V a.c. Edison screw base E14 & E27	PNS IEC 968:2006 (IEC 968:1988) Self-ballasted lamps for general lighting services - Safety requirements	

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
LAMPS AND RELATED PRODUCTS				
33	Self-ballasted LED lamps	Self-ballasted LED lamps with rated wattage up to 30W, rated voltage > 50V up to 250V With E14 and E27 caps	PNS IEC 62560:2012 (IEC 62560:2011) Self-ballasted LED lamps for general lighting services by voltage > 50V – Safety requirements	
34	Christmas lights/ Lighting chains	All types except using GLS type bulbs	PNS 189:2000 Lighting sets using miniature and sub-miniature lamps for decorative purposes for indoor use – Specification	
35	Double-capped fluorescent lamps	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	PNS IEC 61195:2006 (IEC 61195:1999) Double-capped fluorescent lamps – Safety specifications	
36	Single-capped fluorescent lamps	Circular fluorescent lamps for general lighting service	PNS IEC 61199:2006 (IEC 61199:1999) Single-capped fluorescent lamps – safety requirements	




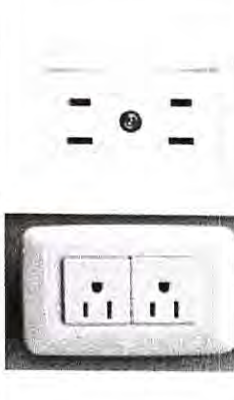

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Household Appliances				
ELECTRICAL & ELECTRONIC PRODUCTS				
37	Incandescent lamps	Rated 200W & below, 50V to 250V; Bulb shape: A, B, C, G, M, P, PS or other shapes where the lamps are intended to serve the same purpose as lamps with the foregoing bulb shapes; with all kinds of finishes; Caps E14 and E27	PNS 38-1:1995 (IEC 432-1:1993 Amd. 01:1995) Safety specifications for incandescent lamps - Part 1 : Tungsten filament lamps for domestic and similar general lighting purposes	
38	Edison screw lamp holders	E5, E10, E14, E27 & E40 caps Switched holders (≤V250 V _{rms})	PNS 80:1997 (IEC 238:1996) Edison screw lampholder - Specification	
39	Lamp holders for tubular fluorescent lamps	For rated voltage up to 1000 V _{rms} For use w/ G type BI-PIN cap (i.e., G13, G10q)	PNS 42:1997 (IEC 400:1996) Lamp holders for tubular fluorescent lamps and starter holders - Specification	
40	Starter holders	For starter based on IEC 155 For rated voltage up to 1000 V _{rms}	PNS 42:1997 (IEC 400:1996) Lamp holders for tubular fluorescent lamps and starter holders - Specification	
41	Lamp starters	For use with pre-heat type fluorescent lamps	PNS 45:1997 Amd. 01:1997 (IEC 155:1993 Amd. 01:1995) Glow-starters for fluorescent lamps	





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ELECTRICAL & ELECTRONIC PRODUCTS				
Wiring Devices				
42	Circuit breakers	100 Amperes & below 1P, 2P & 3P	<p>PNS 519:1991 Circuit breakers - Moulded case-Specification</p> <p>PNS 1573-2:1997 (IEC 947-2:1995) Low voltage switchgear and control gear - Part 2 : Circuit-breakers</p>	
43	Fuses	Household fuse up to 100 Amperes	<p>PNS 13:1983 (UL 198B:1995) Class H Fuses - Specification</p>	
44	Fuseholders	Household fuseholders	<p>PNS 56:1996 (ANSI/UL 512:1992) Fuseholders - Specification</p>	
45	PVC electrical tapes	For general purposes and use for not more than 600 Volts	<p>PNS 79:1992 Pressure sensitive adhesive polyvinyl chloride (PVC) tapes for electrical insulation - Specification</p>	

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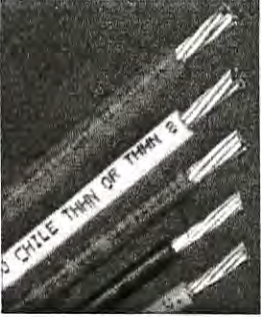
No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Wiring Devices				
46	Plugs	Plugs for a.c. only, with and without earthing contact, with rated voltage above 50V but not exceeding 440V and a rated current not exceeding 32A, intended for household and similar purposes, either indoors or outdoors	<p>PNS 1486-1:1996 (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements</p> <p>PNS 1572:1997 (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards</p>	
47	Socket-outlets	Socket-outlets for a.c. only, with and without earthing contact, with rated voltage above 50V but not exceeding 440V and a rated current not exceeding 32A, intended for household and similar purposes, either indoors or outdoors	<p>PNS 1486-1:1996 (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements</p> <p>PNS 1572:1997 (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards</p>	
48	Extension cord sets	Household extension cord sets	<p>PNS 1486-1:1996 (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements</p> <p>PNS 1572:1997 (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards</p>	

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
Wiring Devices				
49	Snap switches	AC marking only Household snap switch for general lighting purposes	PNS 1485-1:1996 Amd. 01 & 02:1996 (IEC 669-1:1993 Amd. 01:1994 & Amd. 02:1995) Switches for household and similar fixed-electrical installations Part 1 : General requirements	
		Household switch with ac/dc marking. For household snap switch general lighting	PNS 57:1996 (UL 20:1995) Snap switches for general use - Specification	
		Household knife switches	PNS 118:1988 Knife switches - Specification	
50	Knife switches	Household knife switches	PNS 118:1988 Knife switches - Specification	

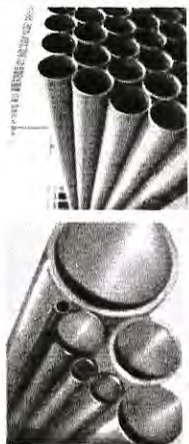





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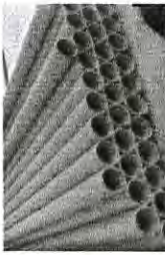
No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Wires and Cables				
51	PVC insulated flexible cords	For indoor use rated up to 300V	<p>PNS 163:1994 Electrical products - Polyvinyl chloride insulated flexible cords - Specification</p>	
52	Thermoplastic insulated electric wires and cables	THHN/THWN 2.0mm ² to 500mm ² 1.6mm to 3.2mm	<p>PNS 35-1:2004 Thermoplastic Electric Wires and Cables use up to 600 Volts</p>	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Mechanical/Building & Construction Materials				
53	BI/GI steel pipes	Black Iron (BI) and hot-dipped zinc coated (Galvanized Iron-GI)	PNS 26:1992 Steel - Black and hot-dipped zinc coated (galvanized) longitudinally welded steel pipes (for ordinary use) - Specification	
54	Blended hydraulic cement with Pozzolan	Blended Hydraulic Cement with Pozzolan	PNS 63: 2006 Amd. 1:2010 Blended Hydraulic Cement with Pozzolan - Specification	
55	Portland cement	Portland Cement	PNS 07:2005Amd. 1:2008; Amd.2:2010 Portland cement - Specification	
56	Deformed steel bars	Grade 230/275/415 Weldable & Non-weldable	PNS 49:2002 Steel bars for concrete reinforcement - Specification	

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Mechanical/Building & Construction Materials				
57	Equal-Leg steel angle bars	Hot-rolled equal-leg steel angle bars	PNS 657:2008 Hot-Rolled Steel Sections – Equal-Leg Angles - Specifications	
58	Pipes (PB)	PB pipes SDR 9/11/13.5/17	PNS 152:1987 Polybutylene (PB) pipes for potable water supply – Specification	
59	Pipes (PE) for water supply	PE 100/80/63/60/32 SDR 9/11/13.6/17	PNS ISO 4427:2002 Amd. 01:2002 Polyethylene (PE) pipes for potable water supply – Specification	
60	Pipes (uPVC)	uPVC pipes series 5/7/8 & 10	PNS 65:1993 Unplasticized polyvinyl chloride (uPVC) pipes for potable water supply – Specification	






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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Mechanical/Building & Construction Materials				
61	uPVC rigid electrical conduit	Thick wall and thin wall pipes	PNS 14:1983 Amd. 01:1987 Unplasticized polyvinyl chloride (uPVC) electrical conduit - Specification	
62	PVC-U pipes for drain waste & vent	PVC pipes for sanitary application	PNS 1950:2003 Corrigendum 01:2003 Plastic piping systems for soil and waste discharge (Low & High temp.) inside buildings - Unplasticized Polyvinyl Chloride (PVC-U)	
63	Rerolled steel bars	6mm to 8mm diameter grade 170 rerolled steel bars	PNS 211:2002 Rerolled steel bars for concrete reinforcement - Specification	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Mechanical/Building & Construction Materials				
64	Sanitary wares	Urinals, Bidet, Water Closets, and Lavatories	PNS 156:2000 Sanitary wares – Specification	
65	Steel wires (low carbon)	Steel wires	PNS 113:2005 Low carbon steel wires – plain, annealed & galvanized – Specification	
66	Wire nails	Finishing nails	PNS 136:2000 Steel - Wire nails – Specification	

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemicals & other consumer products				
67	Brake fluid	DOT 3 DOT 4	PNS 239/MVSS 116:1988 DOT 3,4,5 Motor vehicle brake fluids - Passenger cars, multi-purpose passenger vehicles, trucks, buses and motorcycles and brake fluid containers – Specification for motor vehicle brake fluid	
68	Fire extinguishers (Dry chemical)	MAP, MAP + Ammonium Sulfate, Sodium Bicarbonate, Potassium Bicarbonate, Urea- Potassium Bicarbonate	PNS 15-1:1989 Portable fire extinguishers – Specification Part 1 : Dry chemical	
69	Fire extinguishers (Carbon dioxide)	Carbon dioxide	PNS 15-3:1991 Portable fire extinguishers – Specification Part 3 : Carbon dioxide	
70	Fire extinguishers (AFFF)	AFFF, Alcohol-resistant foam, fluoroprotein-foam	PNS 15-4:1991 Portable fire extinguishers – Specification Part 4 : Foam	

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CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemicals & other consumer products				
71	Fire extinguishers (Halon substitute)	Halon substitute (as listed in USEPA SNAP LIST)	PNS 15-5:1996 Amd. 01:1997 Clean extinguishing agent – Part 5 : Halon substitute portable fire extinguishers – Specification	
72	Fireworks	Fireworks	PNS 1220-2:1994 Fireworks – Part 2: Specification	
73	Helmets and their visors	Helmets and their visors for drivers and passengers of motor cycles and mopeds	PNS/UN ECE 22:2007 Uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motor cycles and mopeds	
74	Inner tubes for tires	Motorcycle, passenger, light truck, truck/bus rubber inner tubes	PNS 34:2000 Rubber inner tubes for pneumatic tires – Specification	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemicals & other consumer products				
75	Lead-Acid Batteries	Automotive & motorcycle batteries	PNS 06:1987 Lead Acid storage batteries – Specification	
76	Lighters	Lighters for cigars and cigarettes	PNS 47:1998 (ISO 9994:1995) Lighters - Safety specification	
77	LPG cylinders for household use	LPG steel cylinders from 1 liter to 150 liters water capacity	PNS 03-1:2000 Steel cylinders for liquefied petroleum gas (LPG) - Part 1 : Specification	
78	LPG cylinders repair	Repair of LPG steel cylinders from 1 liter to 150 liters water capacity	PNS 03-3:2000 Petroleum gas (LPG) - Part 3 : Requirements for repair	

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CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemicals & other consumer products				
79	LPG cylinders for motor vehicles	LPG cylinders for motor vehicles	PNS 04:1983 Gas cylinders for automotive - LPG for use in motor vehicles - Steel cylinders - Specifications	
80	Matches	Safety matches for commercial purposes	PNS 09-1:2000 Safety matches - Part 1 : Safety matches for commercial purposes - Specification	
81	Medical grade oxygen	Medical grade oxygen	PNS 103:1987 Medical grade oxygen in cylinders - Specification	
82	Monobloc chair/stools	Chairs/stools only	PNS 1478:1998 Furniture - Monobloc chair, monobloc stool and plastic table - Specification	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemicals & other consumer products				
83	Safety belts (Seat belts)	2-point and 3-point manual/automatic safety belts	PNS 1892:2000 Amd. 01:2002 Road vehicles - Safety-belts and restraint systems - Specification	
84	Safety glass for automotive	Tempered/laminated (Windshield, Backlight, Sidelight)	PNS 130:1988 Amd. 01:1998 Safety glass for automotive application - Specification	
85	Tires for automotive vehicles	Passenger, light truck, truck/bus tires	PNS 25:1994 Pneumatic tires - Specification	



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No.	System	Specific Coverage	Philippine National Standard/s (PNS)
CHEMICALS & OTHER CONSUMER PRODUCTS			
Other Systems/Processes			
86	LPG cylinders requalification (c/o PAB)*	Accreditation to ISO/IEC 17025 as per requirement of PNS 03-2:2000	PNS 03-2:2000 Steel cylinders for liquefied petroleum gas (LPG) - Part 2 : Method of requalification
87	LPG System Code of practice	Code of practice	PNS 05:1983 The use of Liquefied Petroleum Gas (LPG) system in internal combustion engine - Code of practice
88	LPG/CNG retrofit systems	Specific LPG and CNG retrofit systems to be installed in motor vehicles for the use of LPG or CNG	PNS/UN ECE 115:2006 Uniform provisions concerning the approval of: (a) Specific LPG (Liquefied Petroleum Gases) and (b) CNG (Compressed Natural Gas) retrofit systems to be installed in motor vehicles for the use of LPG or CNG, respectively, in their propulsion system