


**MEMORANDUM CIRCULAR NO. 20 - 02**  
**Series of 2020**

**For :** ALL DTI REGIONAL AND PROVINCIAL DIRECTORS,  
FAIR TRADE ENFORCEMENT BUREAU (FTEB),  
MANUFACTURERS, IMPORTERS AND OTHERS CONCERNED

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BLESILA A. LANTAYONA  
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**From :** NEIL P. CATAJAY   
Director, BPS

**Date :** 10 February 2020

**Subject :** **List of Products and Systems Under Mandatory Certification**

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For the effective implementation, monitoring and enforcement of products and systems under the BPS Mandatory Product certification Schemes, attached is the updated List of Products and Systems Under Mandatory Certification as of 10 February 2020 with specific product and system coverage classified into (3) major groups as follows:

- Electrical and Electronic Products
- Mechanical/ Building and Construction Materials
- Chemical and Other Consumer Products and Systems

Please note that the speed limitation devices have been included in the said list pursuant to Department Administrative Order (DAO) No. 19-14:2019 which took effect on 03 December 2019.

For your information and guidance.




Attached: a/s

**BUREAU OF PHILIPPINE STANDARDS**





**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 10 February 2020**

No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
1	<b>Electric fans</b>	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.	<b>PNS IEC 60335-2-80:2016</b> (IEC published 2015) Household and similar electrical appliances - Safety - Part 2 - 80: Particular requirements for fans	
2	<b>Electric irons</b>	Electric dry irons and steam irons for household and similar purposes up to 250 V a.c.	<b>PNS IEC 60335-2-3:2005</b> (IEC published 2002) Household and similar electrical appliances - Safety - Part 2 - 3: Particular requirements for electric irons	
3	<b>Electric blenders</b>	Portable electric blenders with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-14:2016</b> (IEC published 2012) Household and similar electrical appliances- Safety - Part 2 - 14: Particular requirements for kitchen machines	




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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
<b>4</b>	<b>Microwave ovens</b>	Portable microwave ovens with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-25:2015</b> (IEC published 2014) Household and similar electrical appliances - Safety - Part 2 -25: Particular requirements for microwave ovens, including combination microwave ovens	
<b>5</b>	<b>Electric rice cookers</b>	Portable electric rice cooker/warmer up to 7 liters capacity with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
<b>6</b>	<b>Electric airpots</b>	Portable electric airpots with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
<b>7</b>	<b>Electric coffeemakers</b>	Portable electric coffeemakers with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	




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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
8	<b>Electric toasters</b>	Portable electric toasters with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
9	<b>Electric stoves</b>	Portable electric stove with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
10	<b>Electric hot plates</b>	Portable electric hot plates with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (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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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
<b>11</b>	<b>Electric grills</b>	Portable electric grills with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
<b>12</b>	<b>Electric ovens</b>	Portable electric ovens with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
<b>13</b>	<b>Turbo broilers</b>	Portable turbo broilers with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (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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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
<b>14</b>	<b>Induction cookers</b>	Portable induction cookers with rated voltage of not more than 250 V a.c.	<b>PNS IEC 60335-2-9:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 9: Particular requirements for grills, toasters and similar portable cooking appliances	
<b>15</b>	<b>Washing machines</b>	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.	<b>PNS IEC 60335-2-7:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety -Part 2 - 7: Particular requirements for washing machines	
<b>16</b>	<b>Spin extractors</b>	Spin extractors up to 250 V a.c.	<b>PNS IEC 60335-2-4:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 4: Particular requirements for spin extractors	

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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
<b>17</b>	<b>Refrigerators</b>	142 liters to 227 liters (5 to 8 cu. ft.) storage capacity, single-door and two-door inclusive	<b>PNS 396-2:1997 Amd. 01:2000</b> Household appliances - Energy efficiency factor (EEF) and labeling requirements - Part 2 : Refrigerators and freezers	
		Storage capacity up to 567 liters (20 cu. ft.), rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-24:2013</b> (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	
<b>18</b>	<b>Air conditioners</b>	Non-inverter, Window & Split-type (wall & floor mounted) up to 36,000 kJ/hr. cooling capacity	<b>PNS 396-1:1998</b> Household appliances - Energy efficiency ratio (EER) and labeling requirements - Part 1 : Non-ducted air conditioners	
		Inverter, non-inverter, window-type and split-type (wall-mounted and floor-standing) air-conditioners, with not more than 250 V for single phase and 600 V for all other types and with cooling capacity up to 38,000 kJ/hr.	<b>PNS IEC 60335-2-40:2013</b> (IEC published 2005) Household and similar electrical appliances - Safety - Part 2 - 40: Particular requirements for electrical heat pumps, air- conditioners and dehumidifiers	

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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
19	<b>Electric juicers</b>	Portable electric juicer with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-14:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	
20	<b>Electric food mixers</b>	Portable electric food mixers with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-14:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	
21	<b>Electric food processors</b>	Portable electric food processors with rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-14:2016</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 14: Particular requirements for kitchen machines	






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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
22	<b>Electric kettles</b>	Portable electric kettles with a rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
23	<b>Electric pressure cookers</b>	Portable electric pressure cookers with a rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
24	<b>Electric slow cookers</b>	Portable electric slow cookers with a rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	




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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Household Appliances</b>				
25	<b>Electric multi-cookers</b>	Portable electric multi-cooker with a rated voltage up to 250 V a.c.	<b>PNS IEC 60335-2-15:2015</b> (IEC published 2012) Household and similar electrical appliances - Safety - Part 2 - 15: Particular requirements for appliances for heating liquids	
<b>Consumer Electronics</b>				
26	<b>Television sets</b>	CRT, LCD panel (with CCFL or LED backlight), with display size up to 55 inches, and rated voltage up to 250 V a.c., including those with separate power supply	<b>PNS IEC 60065:2013</b> (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements	
27	<b>CD/VCD/DVD/Blu-ray disc players</b>	Stand-alone CD/VCD/DVD/Blu-ray disc players with rated voltage up to 250 V a.c., including those with separate power supply	<b>PNS IEC 60065:2013</b> (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements	




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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
28	<b>Pre-heat / Magnetic ballasts</b>	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	<b>PNS IEC 61347-2-8:2002</b> (IEC 61347-2-8:2000) Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps	
29	<b>Electronic ballasts</b>	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	<b>PNS IEC 61347-2-3:2002 with Amd. 1:2006</b> (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	
30	<b>Self-ballasted lamps / Compact fluorescent lamps</b>	2W to 60W, up to 250V a.c., & Edison screw base E14 & E27	<b>PNS IEC 968:2006</b> (IEC published 1988) Self-ballasted lamps for general lighting services – Safety requirements	




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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
31	<b>Self-ballasted LED lamps</b>	Self-ballasted LED lamps with rated wattage up to 30W, rated voltage > 50V up to 250V With E14 and E27 caps	<b>PNS IEC 62560:2012</b> (IEC 62560:2011) Self-ballasted LED lamps for general lighting services by voltage > 50V – Safety requirements	
32	<b>Christmas lights/ Lighting chains</b>	All types except using GLS type bulbs	<b>PNS 189:2000</b> Lighting sets using miniature and sub-miniature lamps for decorative purposes for indoor use – Specification	
33	<b>Double-capped fluorescent lamps</b>	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	<b>PNS IEC 61195:2006</b> (IEC 61195:1999) Double-capped fluorescent lamps – Safety specifications	





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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
34	<b>Single-capped fluorescent lamps</b>	Circular fluorescent lamps for general lighting services	<b>PNS IEC 61199:2006</b> (IEC 61195:1999) Single-capped fluorescent lamps – safety requirements	
35	<b>Incandescent lamps</b>	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	<b>PNS 38-1:1995</b> (IEC 432-1:1993 Amd. 01:1995) Safety specifications for incandescent lamps - Part 1 : Tungsten filament lamps for domestic and similar general lighting purposes	
36	<b>Edison screw lamp holders</b>	E5, E10, E14, E27 & E40 caps Switched holders ( $\leq 250$ V <sub>rms</sub> )	<b>PNS 80:1997</b> (IEC 238:1996) Edison screw lampholder – Specification	




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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
37	<b>Lamp holders for tubular fluorescent lamps</b>	For rated voltage up to 1000 V <sub>rms</sub> For use w/ G type BI-PIN cap (i.e., G13, G10q)	<b>PNS 42:1997</b> (IEC 400:1996) Lamp holders for tubular fluorescent lamps and starter holders – Specification	
38	<b>Starter holders</b>	For starter based on IEC 155 For rated voltage up to 1000 V <sub>rms</sub>	<b>PNS 42:1997</b> (IEC 400:1996) Lamp holders for tubular fluorescent lamps and starter holders – Specification	
39	<b>Lamp starters</b>	For use with pre-heat type fluorescent lamps	<b>PNS 45:1997 Amd. 01:1997</b> (IEC 155:1993 Amd. 01:1995) Glow-starters for fluorescent lamps	

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

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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
44	<b>Plugs</b>	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	<b>PNS 1486-1:1996</b> (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements <b>PNS 1572:1997</b> (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards	
45	<b>Socket-outlets</b>	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	<b>PNS 1486-1:1996</b> (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements <b>PNS 1572:1997</b> (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards	
46	<b>Extension cord sets</b>	Household extension cord sets	<b>PNS 1486-1:1996</b> (IEC 884-1:1994) Plugs and socket-outlets for household and similar purposes Part 1 : General requirements <b>PNS 1572:1997</b> (IEC 83:1975) Plugs and socket outlets for domestic and similar general use standards	





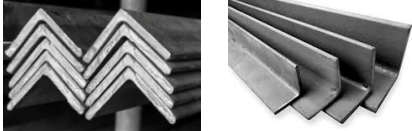
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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
47	<b>Snap Switches</b>	a.c. marking, household snap switches for general lighting purposes	<b>PNS 1485-1:1996</b> <b>Amd. 01 &amp; 02:1996</b> (IEC 669-1:1993 Amd. 01:1994 & Amd. 02:1995)  Switches for household and similar fixed-electrical installations Part 1 : General requirements	 
		a.c./d.c. marking, household snap switches for general lighting purposes	<b>PNS 57:1996</b> (UL 20:1995)  Snap switches for general use – Specification	 
48	<b>Knife switches</b>	Household knife switches	<b>PNS 118:1988</b> Knife switches – Specification	 

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<b>ELECTRICAL &amp; ELECTRONIC PRODUCTS</b>				
<b>Lighting and Wiring Devices</b>				
49	<b>PVC insulated flexible cords</b>	For indoor use rated up to 300V	<b>PNS 163:1994</b> Electrical products - Polyvinyl chloride insulated flexible cords – Specification	
50	<b>Thermoplastic electric wires and cables</b>	TW, THW, & THHN/THWN Stranded: 2.0mm <sup>2</sup> to 500mm <sup>2</sup> Solid: 1.6mm to 3.2mm	<b>PNS 35-1:2004</b> Thermoplastic Electric Wires and Cables use up to 600 Volts	

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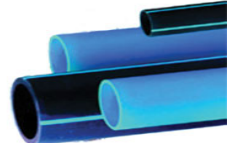


No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>MECHANICAL/BUILDING &amp; CONSTRUCTION MATERIALS</b>				
<b>Steel Products</b>				
51	<b>BI/GI steel pipes</b>	Black Iron (BI) and hot-dipped zinc coated (Galvanized Iron-GI)	<b>PNS 26:1992 / PNS 26:2018*</b> Steel - Black and hot-dipped zinc coated (galvanized) longitudinally welded steel pipes (for ordinary use) – Specification	
52	<b>Deformed steel bars</b>	Grade 230/275/415 Weldable & Non-weldable	<b>PNS 49:2002</b> Steel bars for concrete reinforcement – Specification	
53	<b>Equal-Leg steel angle bars</b>	Hot-rolled equal-leg steel angle bars	<b>PNS 657:2008</b> Hot-Rolled Steel Sections – Equal-Leg Angles - Specifications	

\*The corresponding version of reference standards will be mandatory beginning 22 August 2020 as per DAO 19-16:2019



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<b>MECHANICAL/BUILDING &amp; CONSTRUCTION MATERIALS</b>				
<b>Steel Products</b>				
54	<b>Rerolled steel bars</b>	6mm to 8mm diameter, grade 170 & grade 230	<b>PNS 211:2002</b> Rerolled steel bars for concrete reinforcement – Specification	
55	<b>Steel wires (low carbon)</b>	Steel wires	<b>PNS 113:2005</b> Low carbon steel wires – plain, annealed & galvanized – Specification	
56	<b>Wire nails</b>	Finishing nails	<b>PNS 136:2000</b> Steel - Wire nails – Specification	

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<b>MECHANICAL/BUILDING &amp; CONSTRUCTION MATERIALS</b>				
<b>Plastic Pipes and Ceramic Products</b>				
57	<b>Pipes (PB)</b>	PB pipes SDR 9/11/13.5/17	<b>PNS 152:1987</b> Polybutylene (PB) pipes for potable water supply – Specification	
58	<b>Pipes (PE) for water supply</b>	PE 100/80/63/60/32 SDR 9/11/13.6/17	<b>PNS ISO 4427:2002 Amd. 01:2002</b> Polyethylene (PE) pipes for potable water supply – Specification	
59	<b>Pipes (uPVC)</b>	uPVC pipes series 5/7/8 & 10	<b>PNS 65:1993</b> Unplasticized polyvinyl chloride (uPVC) pipes for potable water supply – Specification	
60	<b>uPVC rigid electrical conduit</b>	Thick wall and thin wall pipes	<b>PNS 14:1983 Amd. 01:1987</b> Unplasticized polyvinyl chloride (uPVC) electrical conduit – Specification	

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<b>MECHANICAL/BUILDING &amp; CONSTRUCTION MATERIALS</b>				
<b>Plastic Pipes and Ceramic Products</b>				
61	<b>PVC-U pipes for drain waste &amp; vent</b>	PVC pipes for sanitary application	<b>PNS 1950:2003 Corrigendum 01:2003</b> Plastic piping systems for soil and waste discharge (Low & High temp.) inside buildings – Unplasticized Polyvinyl Chloride (PVC-U)	
62	<b>Sanitary wares</b>	Urinals, Bidet, Water Closets, and Lavatories	<b>PNS 156:2000</b> Sanitary wares – Specification	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>MECHANICAL/BUILDING &amp; CONSTRUCTION MATERIALS</b>				
<b>Cement and Other Construction Materials</b>				
63	Portland cement	Portland Cement	<b>PNS 07: 2018</b> Portland cement – Specification	
64	Blended hydraulic cement with Pozzolan	Blended Hydraulic Cement with Pozzolan	<b>PNS 63: 2019</b> Blended Hydraulic Cement with Pozzolan – Specification	

**BUREAU OF PHILIPPINE STANDARDS  
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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Chemical Products</b>				
65	<b>Motor vehicle brake fluid</b>	DOT 3 & DOT 4	<b>PNS 239/MVSS 116:1988</b> Specification for Motor Vehicle Brake Fluids - Passenger cars, multipurpose passenger vehicles, trucks, buses, and motorcycles, and brake fluid and brake fluid containers	
66	<b>Dry chemical portable fire extinguishers</b>	Monoammonium Phosphate (MAP), MAP + Ammonium Sulfate, Sodium Bicarbonate, Potassium Bicarbonate, Urea - Potassium Bicarbonate, & Potassium Chloride	<b>PNS 15-1:1989</b> Specification for dry chemical portable fire extinguishers	
67	<b>Carbon dioxide portable fire extinguishers</b>	Carbon dioxide	<b>PNS 15-3:1991</b> Portable fire extinguishers – Carbon dioxide – Specification	
68	<b>Foam portable fire extinguishers</b>	Aqueous Film Forming Foam (AFFF), Alcohol-Resistant Foam, Fluoroprotein-Foam Concentrate	<b>PNS 15-4:1991</b> Portable fire extinguishers – Foam – Specification	






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<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Chemical Products</b>				
<b>69</b>	<b>Clean extinguishing agent - Halon substitute portable fire extinguishers</b>	Halon replacement chemicals included in the USEPA SNAP list	<b>PNS 15-5:1996 Amd. 01:1997</b> Clean extinguishing agent – Halon substitute portable fire extinguishers – Specification	
<b>70</b>	<b>Fireworks</b>	Fireworks	<b>PNS 1220-2:1994</b> Fireworks – Part 2: Specification	
<b>71</b>	<b>Medical grade oxygen</b>	Medical grade oxygen	<b>PNS 103:1987</b> Medical grade oxygen in cylinders – Specification	

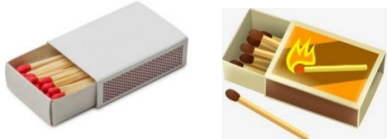


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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Automotive Related Products</b>				
72	<b>Safety belts (Seat belts)</b>	2-point and 3-point manual/automatic safety belts	<b>PNS 1892:2000 Amd. 01:2002</b> Road vehicles - Safety-belts and restraint systems – Specification	
73	<b>Safety glass for automotive</b>	Laminated and Tempered Glass (Windshield, Backlight, & Sidelight)	<b>PNS 130:1988 Amd. 01:1998</b> Safety glass for automotive application – Specification	
74	<b>Speed limitation device</b>	Speed limitation device and adjustable speed limitation device	<b>PNS UNR 89: 2016</b> Uniform provisions concerning the approval of - III. Speed limitation devices (SLD)	
75	<b>Helmets and their visors</b>	Helmets and their visors for drivers and passengers of motor cycles and mopeds	<b>PNS/UN ECE 22:2007</b> Uniform provisions concerning the approval of protective helmets and their visors for drivers and passengers of motor cycles and mopeds	



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<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Automotive related products</b>				
76	<b>Inner tubes for tires</b>	Motorcycle, passenger, light truck, truck/bus rubber inner tubes	<b>PNS 34:2000</b> Rubber inner tubes for pneumatic tires – Specification	
77	<b>Tires for automotive vehicles</b>	Passenger, light truck, & truck/bus tires	<b>PNS 25:1994</b> Pneumatic tires – Specification	
78	<b>Lead-acid storage batteries</b>	Automotive batteries (Passenger Service, Heavy-Duty Truck-Bus-Diesel Starting, & Motorcycles-Scooters)	<b>PNS 06:1987</b> Lead-acid storage batteries – Specification	

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<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Other Consumer Products</b>				
79	<b>Matches</b>	Safety matches for commercial purposes	<b>PNS 09-1:2000</b> Safety matches - Part 1 : Safety matches for commercial purposes – Specification	
80	<b>Lighters</b>	Lighters for cigars and cigarettes	<b>PNS 47:1998</b> (ISO 9994:1995) Lighters - Safety specification	
81	<b>Monobloc chairs/stools</b>	Chairs/stools only	<b>PNS 1478:1998</b> Furniture – Monobloc chair, monobloc stool and plastic table – Specification	

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<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>				
<b>Other Consumer Products</b>				
<b>82</b>	<b>LPG cylinders for motor vehicles</b>	LPG cylinders for motor vehicles	<b>PNS 04:1983</b> Gas cylinders for automotive – LPG for use in motor vehicles – Steel cylinders – Specifications	
<b>83</b>	<b>LPG cylinders for household use</b>	LPG steel cylinders from 1 liter to 150 liters water capacity	<b>PNS 03-1:2000</b> Steel cylinders for liquefied petroleum gas (LPG) - Part 1 : Specification	
<b>84</b>	<b>LPG cylinders repair</b>	Repair of LPG steel cylinders from 1 liter to 150 liters water capacity	<b>PNS 03-3:2000</b> Steel cylinders for liquefied petroleum gas (LPG) - Part 3 : Requirements for repair	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)
<b>CHEMICALS &amp; OTHER CONSUMER PRODUCTS</b>			
<b>Other Systems/Processes</b>			
85	<b>LPG cylinders requalification (c/o PAB)*</b>	Accreditation to ISO/IEC 17025 as per requirement of PNS 03-2:2000	<b>PNS 03-2:2000</b> Steel cylinders for liquefied petroleum gas (LPG) - Part 2 : Method of requalification
86	<b>LPG system Code of practice</b>	Code of practice	<b>PNS 05:1983</b> The use of Liquefied Petroleum Gas (LPG) system in internal combustion engine – Code of practice
87	<b>LPG/CNG retrofit systems</b>	Specific LPG and CNG retrofit systems to be installed in motor vehicles for the use of LPG or CNG	<b>PNS/UN ECE 115:2006</b> 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

*\*Philippine Accreditation Bureau*