

MEMORANDUM CIRCULAR NO. 21-05
Series of 2021

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

Copy : ATTY. RUTH B. CASTELO
Undersecretary, CPG

BLESILA A. LANTAYONA
Undersecretary, ROG

From : NEIL P. CATAJAY
Director, BPS

Date : 25 January 2021

Subject : LIST OF PRODUCTS UNDER MANDATORY CERTIFICATION

For the effective implementation, monitoring, and enforcement of products under the BPS Mandatory Product Certification Schemes, attached is the updated List of Products Under Mandatory Certification as of 25 January 2021 with specific product and system coverage classified into three (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 following products were included in the list pursuant to the corresponding Department Administrative Orders (DAO):

- **Ceramic Tiles** – DAO 20-09:2020
- **Steel Sheets and Coils** – DAO 20-10:2020

Moreover, kindly take note of the newly issued Memorandum Circulars with Nos. 21-01 (steel sheets & coils) and 21-02 (ceramic tiles) providing the additional transitory provisions for the implementation of the aforementioned DAOs.

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 25 January 2021**

No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
1	Electric 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	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	
3	Electric blenders	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	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
4	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	
5	Electric rice cookers	Portable electric rice cooker/warmer up to 7 liters capacity with 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	
6	Electric airpots	Portable electric airpots with 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	
7	Electric coffeemakers	Portable electric coffeemakers with 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				
8	Electric toasters	Portable electric toasters with rated voltage of 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	
9	Electric stoves	Portable electric stove with rated voltage of 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	
10	Electric hot plates	Portable electric hot plates with rated voltage of 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 grills	Portable electric grills with rated voltage of 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	
12	Electric ovens	Portable electric ovens with rated voltage of 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	
13	Turbo broilers	Portable turbo broilers with rated voltage of 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				
14	Induction cookers	Portable induction cookers with rated voltage of 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	Washing machines	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	
16	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	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
17	Refrigerators	142 liters to 227 liters (5 to 8 cu. ft.) storage capacity, single-door and two-door inclusive	PNS 396-2:1997 Amd. 01:2000 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.	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	
18	Air conditioners	Non-inverter, Window & Split-type (wall & floor mounted) up to 36,000 kJ/hr. cooling capacity	PNS 396-1:1998 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.	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	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
19	Electric juicers	Portable 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	
20	Electric food mixers	Portable 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	
21	Electric food processors	Portable 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	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
22	Electric kettles	Portable 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	
23	Electric pressure cookers	Portable 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	
24	Electric slow cookers	Portable 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	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Household Appliances				
25	Electric multi-cookers	Portable 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	
Consumer Electronics				
26	Television sets	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	PNS IEC 60065:2013 (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements	
27	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., including those with separate power supply	PNS IEC 60065:2013 (IEC published 2011) Audio, video and similar electronic apparatus - Safety requirements	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
28	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	
29	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	
30	Self-ballasted lamps / Compact fluorescent lamps	2W to 60W, up to 250V a.c., & Edison screw base E14 & E27	PNS IEC 968:2006 (IEC published 1988) Self-ballasted lamps for general lighting services – Safety requirements	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
31	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	
32	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	
33	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	





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ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
34	Single-capped fluorescent lamps	Circular fluorescent lamps for general lighting services	PNS IEC 61199:2006 (IEC 61195:1999) Single-capped fluorescent lamps – safety requirements	
35	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	
36	Edison screw lamp holders	E5, E10, E14, E27 & E40 caps Switched holders (≤ 250 V _{rms})	PNS 80:1997 (IEC 238:1996) Edison screw lampholder – Specification	




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ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
37	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	
38	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	
39	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				
Lighting and Wiring Devices				
40	Circuit breakers	100 Amperes & below 1P, 2P & 3P	PNS 519:1991 Circuit breakers – Moulded case- Specification PNS 1573-2:1997 (IEC 947-2: 1995) Low voltage switchgear and control gear – Part 2 : Circuit-breakers	
41	Fuses	Household fuse up to 100 Amperes	PNS 13:1983 Class H Fuses – Specification	
42	Fuseholders	Household fuseholders	PNS 56:1996 (ANSI/UL 512:1992) Fuseholders – Specification	
43	PVC electrical tapes	For general purposes and use for not more than 600 Volts	PNS 79:1992 Pressure sensitive adhesive polyvinyl chloride (PVC) tapes for electrical insulation – Specification	



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


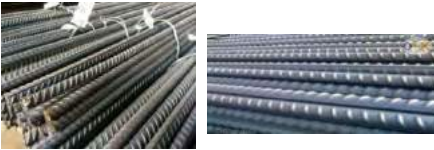

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ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
47	Snap Switches	a.c. marking, household snap switches for general lighting purposes	PNS 1485-1:1996 Amd. 01 & 02:1996 (IEC 669-1:1993 Amd. 01:1994 & Amd. 02:1995) Switches for household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

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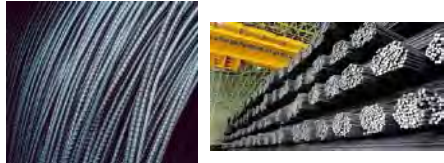


No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
ELECTRICAL & ELECTRONIC PRODUCTS				
Lighting and Wiring Devices				
49	PVC insulated flexible cords	For indoor use rated up to 300V	PNS 163:1994 Electrical products - Polyvinyl chloride insulated flexible cords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

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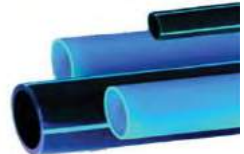


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MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Steel Products				
51	BI/GI Steel Pipes	Black iron (BI) and hot-dipped zinc-coated (galvanized) welded steel pipes	PNS 26:1992 / PNS 26:2018* Steel - Black and hot-dipped zinc coated (galvanized) longitudinally welded steel pipes (for ordinary use) – Specification	
52	Deformed Steel Bars	Grade 230 / 275 / 415 – Regular and Weldable (10mm to 50mm)	PNS 49:2002 Steel bars for concrete reinforcement – Specification	
53	Equal-Leg Angle Steel Bars	Hot-rolled equal-leg angle steel bars	PNS 657:2008 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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MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Steel Products				
54	Rerolled Steel Bars	Grade 170 – 6mm & 7mm; Grade 230 – 8mm	PNS 211:2002 Rerolled steel bars for concrete reinforcement – Specification	
55	Low Carbon Steel Wires	Steel wires – Plain, Annealed and Galvanized	PNS 113:2005 Low carbon steel wires – plain, annealed & galvanized – Specification	
56	Steel Wire Nails	Finishing nails	PNS 136:2000 Steel - Wire nails – Specification	




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


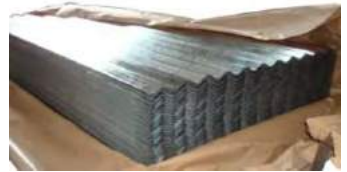

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MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Plastic Pipes and Ceramic Products				
61	Pipes (PVC-U) for drain waste & vent	PVC pipes for sanitary application	PNS 1950:2003 Corrigendum 01:2003 Plastic piping systems for soil and waste discharge (Low & High temp.) inside buildings – Unplasticized Polyvinyl Chloride (PVC-U)	
62	Sanitary wares	Ceramic sanitary wares (water closet, urinal, lavatory, basin and bidet)	PNS 156:2000 Sanitary wares – Specification	




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MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
Cement and Other Construction Materials				
63	Portland cement	Portland cement	PNS 07: 2018 Portland Cement – Specification	
64	Blended hydraulic cement	Blended hydraulic cement	PNS 63: 2019 Blended Hydraulic Cement – Specification	
65	Plywood	Plywood	PNS ISO 12465:2017 Plywood – Specifications	


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MECHANICAL/BUILDING & CONSTRUCTION MATERIALS				
66	Ceramic Tiles	Ceramic Tiles	PNS ISO 13006:2019 Ceramic Tiles – Definitions, classification, characteristics and marking	
67	Steel Coils and Sheets	Hot-Dip Metallic-Coated and Pre-Painted Galvanized Steel Coils and Sheets for Roofing and General Applications	PNS 67:2014 Hot-dip metallic-coated steel sheets for roofing – Specification PNS 1993:2004 Continuous hot-dip aluminum/zinc-coated steel sheet of commercial, drawing and structural qualities PNS 2003:2004 Continuous hot-dip zinc/5% aluminum alloy coated steel sheets PNS 1990:2004 Hot-dip zinc-coated carbon steel sheets PNS 201:1990 Pre-painted galvanized steel sheets and coils – Specification	 



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CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemical Products				
68	Motor vehicle brake fluid	DOT 3 & DOT 4	PNS 239/MVSS 116:1988 Specification for Motor Vehicle Brake Fluids - Passenger cars, multipurpose passenger vehicles, trucks, buses, and motorcycles, and brake fluid and brake fluid containers	
69	Dry chemical portable fire extinguishers	Monoammonium Phosphate (MAP), MAP + Ammonium Sulfate, Sodium Bicarbonate, Potassium Bicarbonate, Urea - Potassium Bicarbonate, & Potassium Chloride	PNS 15-1:1989 Specification for dry chemical portable fire extinguishers	
70	Carbon dioxide portable fire extinguishers	Carbon dioxide	PNS 15-3:1991 Portable fire extinguishers - Carbon dioxide - Specification	


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Chemical Products				
71	Foam portable fire extinguishers	Aqueous Film Forming Foam (AFFF), Alcohol-Resistant Foam, Fluoroprotein-Foam Concentrate	PNS 15-4:1991 Portable fire extinguishers – Foam – Specification	
72	Clean extinguishing agent - Halon substitute portable fire extinguishers	Halon replacement chemicals included in the USEPA SNAP list	PNS 15-5:1996 Amd. 01:1997 Clean extinguishing agent – Halon substitute portable fire extinguishers – Specification	
73	Fireworks	Fireworks	PNS 1220-2:1994 Fireworks – Part 2: Specification	




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CHEMICALS & OTHER CONSUMER PRODUCTS				
Chemical Products				
74	Medical grade oxygen	Medical grade oxygen	PNS 103:1987 Medical grade oxygen in cylinders – Specification	
Automotive Related Products				
75	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	




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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Automotive related products				
76	Child restraint systems	Lateral-facing (carry-cot) Rearward-facing Forward-facing Combination (rearward/forward facing) Booster cushion/seat Other types for similar purpose/s	<p>PNS UNR 44:2018 Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles (“Child Restraint Systems”)</p> <p>PNS UNR 129:2018 Uniform provisions concerning the approval of Enhanced Child Restraint Systems used onboard of motor vehicles</p>	




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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Automotive related products				
77	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	
78	Safety glass for automotive	Laminated and Tempered Glass (Windshield, Backlight, & Sidelight)	PNS 130:1988 Amd. 01:1998 Safety glass for automotive application – Specification	
79	Lead-acid storage batteries	Automotive batteries (Passenger Service, Heavy-Duty Truck-Bus-Diesel Starting, & Motorcycles-Scooters)	PNS 06:1987 Lead-acid storage batteries – Specification	



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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Automotive related products				
80	Inner tubes for tires	Motorcycle, passenger, light truck, truck/bus rubber inner tubes	PNS 34:2000 Rubber inner tubes for pneumatic tires – Specification	
81	Tires for automotive vehicles	Passenger, light truck, & truck/bus tires	PNS 25:1994 Pneumatic tires – Specification	
82	Speed limitation device	Speed limitation device and adjustable speed limitation device	PNS UNR 89: 2016 Uniform provisions concerning the approval of - III. Speed limitation devices (SLD)	

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No.	Product	Specific Product Coverage	Philippine National Standard/s (PNS)	Product Image
CHEMICALS & OTHER CONSUMER PRODUCTS				
Other Consumer Products				
83	Matches	Safety matches for commercial purposes	PNS 09-1:2000 Safety matches - Part 1 : Safety matches for commercial purposes – Specification	
84	Lighters	Lighters for cigars and cigarettes	PNS 47:1998 (ISO 9994:1995) Lighters - Safety specification	
85	Monobloc chairs/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				
Other Consumer Products				
86	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	
87	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	
88	LPG cylinders repair	Repair of LPG steel cylinders from 1 liter to 150 liters water capacity	PNS 03-3:2000 Steel cylinders for liquefied petroleum gas (LPG) - Part 3 : Requirements for repair	