

BPS TESTING LABORATORY

Matrix

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
Physical/ Mechanical Laboratory:							
1. Rubber Inner Tube	PNS 34:2000/ ISO 37:2000	2,500.00	2,000.00	1 pc.	7h 15min	6 days	Request for Test
2. Steel Wire Nails	PNS 136:2000	1,000.00	800	15 pcs/size	7h 15min	4 days	Request for Test
3. uPVC Sewer Pipes	PNS 1950:2003	2,000.00		3 pcs/size			
4. uPVC Pipes for Potable Water	PNS 65:1933	7,000.00		3 pcs/size			
5. uPVC Electrical Conduit/ corrugated	PNS 14:1983 Amd. 01:1987	4,600.00		3 pcs/size			
6. PE Pipes for Potable Water	PNS/ISO 4427:2002	1,800.00		3 pcs/size			
7. PB Pipes for Potable Water	PNS 152:2003	1,200.00		3 pcs/size			
8. B.I. Pipes/ G.I. Pipe	PNS 26:2003	1,140.00		3 pcs/size			
9. Steel Bars - Deformed Steel Bars	PNS 49:2002	Physical Test - 730.00x5 samples = 3,650.00 (10mm, Grade 230 up to 36mm, Grade 230 only)		6pcs/size			
		Chemical Test - (1 sample only) = 3,550.00					
		Total = 7,200.00					
10. Steel Bars - Rerolled Steel Bars	PNS 211:2002	Physical Test Only - 730x5 samples = 3,650		5pcs/size			
11. Equal Leg Angle Bars	PNS 657:2008	Physical Test - 1,060x5 samples = 5,300.00 (For Samples 55mm-150mm Leg Length x 5.5mm and above Thickness)		6pcs/size			
		<i>Note: Machining of test specimen not included; due to equipment constraints, BPSTL accepts prepared test specimens/samples only</i>					
		Chemical Test - (1 sample only) = 3,550.00					
		Total = 8,850.00					
		Physical Test - 875x5 samples = 4,375.00 (For 50mm and below x 5 and below Thickness)		6pcs/size			
Chemical Test - (1 sample only) = 3,550.00							
Total = 7,925.00							
12. Ceramic Tiles	PNS ISO 13006:2019	9000.00 (lower than 20cm x 20cm and higher than 120cm x 120cm can't be tested)		30/size - Unglazed, 41/size - Glazed			

Wiring Devices:

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
1. Plugs/ Socket	PNS 1486-1:1996	5,800.00					
2. Receptacle/ Outlet		6,400.00					
3. Enclosed Switch- Knife	PNS 117,118,119:1988	8,500.00	8,000.00	2 pcs	7h 15 min	12 days	Request for Test
4. Electrical Cartridge Fuse/ Fuse Holder	PNS 13:1983/ PNS 56:1996	3,500.00	3,000.00	10 pcs	7h 15 min	7 days	Request for Test
5. Moulded Case Circuit Breaker	PNS 519:1991	12,000.00	8,000.00	3 pcs			
6. Extension Cord	PNS 1486:1996/ PNS 163	9,400.00					
7. Switches for household and similar fixed electrical installations	PNS 1485:1996/ PNS 57	5,900.00			7h 15 min	14 days	Request for Test
	PNS 57				7h 15 min	14 days	Request for Test
8. PVC Electrical Tape	PNS 79:1992	3,500.00	2,800.00	10 pcs/size/color	7h 15 min	4 days	Request for Test

*** Provide 10 pcs any model for chemical Analysis of Copper for the ff: samples: (switches, extension cord, socket outlet)***

Appliances Laboratory:

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
1. Electric Flat Iron	PNS 254:1994	12,000.00	8,000.00	2 spls	7h 15min	9 days	Request for Test
2. Electric Rice Cooker	PNS 255:1996	12,000.00	8,000.00	2 spls	7h 15min	9 days	Request for Test
3. Electric Fan	PNS IEC 60335-2-80	16,000.00	14,000.00	3 spls			
4. Electric Air Pot	PNS 255:1996	12,000.00	8,000.00	2 spls	7h 15min	9 days	Request for Test
5. Grill/ Toaster	PNS/ IEC 60335-2-9	12,000.00	8,000.00	2 spls	7h 15min	12 days	Request for Test, for toaster 2 loaf of bread (100x100x10mm)
6. Washing Machine	PNS/IEC 60335-2-4	30,000.00	25,000.00	2 spls	7h 15min	15 days	Request for Test

7. Spin Extractor/ Dryer		20,000.00	18,000.00		7h 15min	15 days	Request for Test
8. Electric Blender	PNS/IEC 60335-2-14	15,000.00	13,000.00	2 spls	7h 15min	12 days	Request for Test, test load (at least 10 kg per size depending on the capacity of the appliance)
9. Refrigerator	PNS IEC 60335-2-24	25,000.00	23,000.00	1 spls			
10. Television Set	PNS IEC 60065 6th ed.	40,000.00	36,000.00	2 spls	7h 15min	15 days	Request for Test, circuit diagram, Certificates of critical components, spare parts
11. DVD/ VCD	PNS/IEC 60065:2007	25,000.00	20,000.00	2 spls	7h 15min	10 days	circuit diagram, Certificates of critical components, spare
12. Microwave Oven	PNS IEC 60335-2-25	30,000.00	28,000.00	2 spls	7h 15min	15 days	Request for Test, 2 potatoes (at least 40x140mm x and y axis)
13. LCD TV		40,000.00	36,000.00	2 spls	7h 15min	15 days	Request for Test, circuit diagram, Certificates of critical components, spare parts
14. Verification Test*****		8,000.00	5,000.00				
15. EMI Test for*****							
Disturbance Voltage Measurement		25,000.00	23,800.00				
Disturbance Power Measurement		25,000.00	23,700.00				
Click Measurement		25,000.00	23,800.00				

Lamps and Related Devices:

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
1. Magnetic Ballast- Safety	PNS IEC 61347-2-8:2002	9,000.00	7,000.00	6 safety	7h 15min	11 days	Request for Test
Performance	PNS IEC 60921:2002	5,000.00	4,000.00	6 performance			
		3,500.00	2,000.00				
2. Electronic Ballast- Safety	PNS IEC 61347-2-3:2002	12,000.00	10,000.00	6 safety	7h 15min	12 days	Request for Test
Performance	PNS IEC 60929:2002	8,000.00	7,000.00	6 performance			
		5,000.00	3,000.00				
3. Self Ballasted Lamps- Safety	PNS 603-1:1993	10,000.00	8,000.00		7h 15min	9 days	Request for Test
Performance	PNS IEC 968:2006	8,000.00	6,000.00				
		Total=18,000.00					
4. Flourescent Lampholders/ starter holder	PNS 42:1997	6,000.00	5,000	10 pcs	7h 15min	6 days	Request for Test
5. Edison Screw Lampholder	PNS 80:1997	8,000.00	6,000.00	10 pcs	7h 15min	6 days	Request for Test
6. Luminaires	PNS 1328:1996	12,000.00	8,500.00	3 sets	7h 15min	16 days	Request for Test
7. Flourescent Lamp Starters	PNS 45:1997	8,000.00	7,000	30 pcs	7h 15min	11 days	Request for Test
8. Lighting Sets	PNS 189:2000	8,000.00	6,000.00	5 sets	7h 15min	9 days	Request for Test
9. LED Modules		7,500.00	6,000.00		7h 15min	9 days	Request for Test
10. LED Equipment		6,500.00	5,000.00		7h 15min	9 days	Request for Test
11. Incandescent Lamps:				30 pcs			
(10,15,25 W)	PNS 38-1 & 2:1995	12,500.00			7h 15min	6 days	Request for Test
(40,50 W)	PNS 38-2:1995	14,300.00			7h 15min	6 days	Request for Test
(60,75,100 W)	PNS 38-2:1995	17,800.00			7h 15min	6 days	Request for Test
		Testing Fee Overall 12,000.00					
12. Tubular/ Circular Flourescent Lamps				30 pcs			
(10,15,25 W)	PNS IEC 61195:2001	9,700.00			7h 15min	10 days	Request for Test
(40,50 W)	PNS IEC 61199:2006	10,900.00			7h 15min	10 days	Request for Test
(60,75,100 W)		10,000.00			7h 15min	10 days	Request for Test
		12,800.00					
		Testing Fee Overall 16,000.00					

Chemical Laboratory:

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
1. Fire Extinguisher: Dry Chemical	PNS 15 Part 1:1989	2,500.00		1 cylinder	7h 15min	90 days	Request for Test
MAP				half kilo	7h 15min	3 days	Request for Test
AFF	PNS 15 Part 4:1991	2,000.00		1 cylinder	7h 15min	3 days	Request for Test
Foam Concentrate				1 liter			

CO2	PNS 15 Part 3:1991	2,000.00		1 cyl - PS	7h 15min	3 days	Request for Test
				2 cyl - ICC	7h 15min	3 days	Request for Test
Halon Substitute	PNS 15 Part 5:1991	2,000.00		1 cyl - PS	7h 15min	3 days	Request for Test
				2 cyl - ICC	7h 15min	3 days	Request for Test
HCFC/ HFC 236 fa	PNS 15 Part 5:1991	2,000.00		1 cyl - PS	7h 15min	3 days	Request for Test
				2 cyl - ICC	7h 15min	3 days	Request for Test
2. Safety Matches	PNS 09 Part 01:2000	4,000.00	3,000.00	100 pcs/model	7h 15min	6 days	Request for Test
3. Lighters	PNS 47:1998	4,000.00	3,000.00	100 pcs/model	7h 15min	5 days	Request for Test
4. Dentrifice	PNS 246:1990	850.00		10 pcs			
5. Zinc Carbon cylindrical cell-battery	PNS 08:1995	2,000.00	1,500.00	15 pcs	7h 15min	5 days	Request for Test

Wires & Cables

Product testing of	Testing Procedures as per	Testing Fees	Succeeding Amount	No. of Samples	Processing time	Testing Duration (as required by the standard)	Documentary and other requirements
1. Aluminum Cable (ACSR) Class A	ASTM B 232/232 M	8,000.00	7,500.00	10 mts	7h 15min	10 days	Request for Test
2. Aluminum Cable 1350	ASTM B 231/231 M	2,000.00	1,500.00	10 mts	7h 15min	7 days	Request for Test
3. Aluminum Cable ACSR/poly	ASTM B 232/232 M	2,500.00	2,000.00	10 mts	7h 15min	5 days	Request for Test
4. Aluminum Cable ASSR Class AA	ASTM B 232/232 M	2,300.00	2,000.00	10 mts	7h 15min	7 days	Request for Test
5. Flexible Cords	PNS 163:1994	10,000.00	7,500.00	2 spools (300 mts)	7h 15min	10 days	Request for Test
6. Thermoplastic Wires (bldg wires)	PNS 35:2004	13,000.00	11,000.00	3 boxes (300 mts)	7h 15min	10 days	Request for Test
7. Magnet Wires	PNS 106-110:1987	7,000.00	6,000.00	2 spools (300 mts)	7h 15min	10 days	Request for Test
8. Telephone Dropwire/ Jumper Wire	As per Test parameters	2,500.00	2,000.00	20 mts	7h 15min	8 days	Request for Test
9. Telephone Jacketed Wire	As per Test parameters	2,500.00	2,000.00	20 mts	7h 15min	8 days	Request for Test
10. Low Voltage Cable	As per Test parameters	6,000.00	4,000.00	2 boxes	7h 15min	10 days	Request for Test
TOTAL No. OF PRODUCTS = 60							

Note: The current total manpower of PTD is 16 (12 testing staff, 3 admin staff and 1 manager/OIC). The testing duration specified above is on the premise that not all samples are received all at the same time