



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Metal and metal products		
Deformed/Rerolled Steel Bars	Tensile Strength	PNS 49:2020 PNS 211-2002
	Yield Strength (only for the drop of the beam/ halt of the gauge only)	
	Percent Elongation	
	Bend Test	
	Mass Variation	
	Spacing of lugs	
	Height Tolerance	
	Maximum Value	
	Summation of Gaps	
Equal leg – angle bar	Tensile Strength Yield Strength Percent Elongation	PNS 657:2008/ASTM A370-21
	Mass Variation	
	Leg Length	
	Thickness	
	Camber	
	Out-of-Square	
Steel wire nails	Mechanical Test (tensile test / bend test)	ASTM A370:21
	Visual Appearance	PNS 136:2000
	Dimension Test	
Black iron (BI) welded steel pipes	Outside Diameter Wall Thickness Mass / Length Bend	PNS 26:2018
	Flattening Marking Requirement	
Galvanized (GI) hot-dipped zinc coated welded steel pipes	Outside Diameter Wall Thickness Mass / Length Bend	PNS 26:2018
	Flattening Marking Requirement	
Steel wires – Plain Annealed and Galvanized	Tensile Strength	PNS 113:2005 Low carbon, steel wires, plain, annealed, and galvanized
	Torsion	
	Winding	



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
	Coil Weight	
	Physical Appearance	
	Dimension Wire Diameter	
Steel-Black & Galvanized Longitudinally welded lightweight steel tube	Length	PNS 2145:2020 ICS 77.140.75
	Workmanship	
	Dimension	
	Bend	
	Flattening	
	Marking	
Hot-dip Metallic Coated steel coils and sheets for roofing	Tensile Test Bend Test Coating Thickness Width and Length Pitch & Depth	PNS 67:2014
Hot dip zinc coated carbon steel sheets	Tensile Test Bend Test	PNS 1990:2004 PNS 1993:2004
Continuous hot dip aluminum/zinc coated steel sheet of commercial, drawing, and structural qualities	Coated Thickness	PNS 2003:2004
Continuous hot dip zinc/5% aluminum alloy coated steels	Pitch & Depth	PNS 2003:2004
Pre-painted Galvanized Steel Coils and Sheets for Roofing & General Applications	Bend Test Cross Scoring Dry Film Thickness Pencil Hardness Impact Test	PNS 201:1990
Steel-Black & Galvanized Longitudinally welded lightweight steel tube	Length	PNS 2145:2020 ICC 77.140.75
	Workmanship	
	Dimension	
	Bend Test	
	Flattening Test	
Ceramic Tiles	Marking	PNS ISO 13006:2019 PNS ISO 10545-2:2019
	Thickness	
	Length and width	
	Straightness	
	Rectangularity	



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
	Surface flatness	
	Surface quality	
	Water absorption	PNS ISO 10545-3:2018
	Modulus of rupture	PNS ISO 10545-4:2019
	Breaking Strength	
	Resistance to deep abrasion (floor UGL)	PNS ISO 10545-6:2019
	Resistance to surface abrasion (floor UGL)	PNS ISO 10545-7:2019
	Resistance to crazing	PNS ISO 10545-11:2019
	Resistance to staining (GL)	PNS ISO 10545-14:2018
	Resistance to low concentration of acids and alkalis	PNS ISO 10545-13:2018
	Resistance to household cleaners	
	Resistance to swimming pool salts	
Sanitary Wares		
Water closet	Absorption	PNS 156:2010 (Ceramic-plumbing fixtures)
	Crazing	
	Surface examination	
	Warpage	
	Thickness	
	Trap diameter	
	Water surface area	
	Spud diameter	
	Rim height	
	Wall-mounted load test	
	Water consumption	
	Trap seal depth	
	Granule and ball test	
	Surface wash (Ink test)	
	Mixed media test	
	Overflow test	
	Marking	
	Glazed surfaces / surface finish	
Seal depth restoration		
Rim top seat foul test		



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Urinal	Absorption	PNS 156:2010 (Ceramic-plumbing fixtures)
	Crazing	
	Surface examination	
	Glazed surfaces / surface finish	
	Warpage Thickness	
	Integral trap diameter	
	Interior width	
	Interior height	
	Interior depth	
	Projection	
	Wall-mounted load test	
	Water consumption	
	Trap seal depth	
	Surface wash test (Ink test)	
	Dye Test	
Markings		
Lavatory	Absorption	PNS 156:2010 (Sanitary wares specifications)
	Crazing	
	Surface examination	
	Glazed surfaces / surface finish	
	Warpage	
	Thickness	
	Wall-mounted load test	
	Overflow test	
Markings		
Pail Flush Water Closet	Absorption	PNS 156:2010 (Ceramic-plumbing fixtures)
	Crazing	
	Surface examination	
	Glazed surfaces	
	Warpage	
	Thickness	
	Surface finish	
	Marking and labelling	
Water absorption		
Thickness test		



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Pneumatic Tires	Bead unsealing (for tubeless tires) Plunger test Tread depth Marking Physical dimension (size factor, tire overall diameter, tire overall width)	PNS 25:1994 PNS UN ECE 54:2010 PNS UN ECE 30:2010 (Uniform provisions concerning the approval of pneumatic tyres for commercial vehicles and their trailers)
Inner Tubes	Thickness test Tensile strength / elongation Tensile strength of splice area Set-after-ageing Appearance and airtightness Markings identification test	PNS 34:2000 (Rubber inner tubes for pneumatic tires – specification)
Plastic Pipes		
Polyethylene Pipes (PE)	Outside diameter Wall thickness Ovality Longitudinal reversion Marking	PNS ISO 4426 AMD 01:2002/PWWA NM 201:2002 (for Water Supply Specification)
µPVC Electrical Conduit	Appearance / color Outside diameter Wall thickness Heat reversion Water absorption Tensile strength / Elongation at break	PNS 14:1983 Amendment 01:1987 and/or PNS 14:2005
	Vicat softening temperature Resistance to acetone Resistance to burning Resistance to external blows	
	Flattening Marking	
PVC-U	Appearance / Color Outside diameter	PNS 1950:2003 (For Soil and Waste Discharge, low and high temperature, inside buildings)
	Out-of-Roundness / Ovality Wall Thickness	



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
	Impact resistance Round-the-clock method Tensile strength	
	Longitudinal reversion Vicat softening temperature Resistance to acetone Marking	
μPVC Pipes	Appearance / Color Outside diameter Wall thickness Longitudinal reversion Water absorption	PNS 65:1993 (for Potable Water)
	Resistance to acetone Resistance to sulfuric acid Resistance to external blows Vicat softening temperature Flattening Marking	
	Hydrostatic Pressure	
Polybutylene (PB) Pipes	Appearance / Color Outside diameter Wall thickness	PNS 152:1987 PNS 152:2003 (for Water Supply Specifications)
	Longitudinal Reversion Water Absorption Resistance to Acetone Resistance to Sulfuric Acid Resistance to External blows	
	Vicat softening temperature Flattening Marking Burst pressure Short term pressure Long term pressure	



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Polypropylene Pipes	Surface finish Outside diameter Wall thickness Ovality Impact strength Longitudinal reversion Marking	DIN 8077:1999 DIN 8078:1996
PVC Sewer Pipes	Outside diameter Wall thickness Impact resistance Extrusion quality Flattening Pipe stiffness Markings	ASTM D2729:1996a Workmanship
PVC-U	Appearance Color Outside diameter Out-of-roundness Wall thickness Impact strength Vicat softening temperature Longitudinal reversion Markings	ISO 1452-2:2009 (for Water Supply and Buried and Above-ground Drainage and Sewerage Under Pressure)
PVC-U	Appearance Color Outside diameter Out-of-roundness Wall Thickness Impact Resistance Vicat Softening temperature Longitudinal reversion Markings	ISO 4435:2003 (for Non-pressure Underground Drainage and Sewerage)
Furniture – Monoblock Chair and Stools	Seat static load Back static load Arm & wings Sideways static load Seat fatigue test Back fatigue test	PNS 1478-1:2018
	Leg forward static load Leg sideways static load Diagonal base load Seat impact test	PNS 1478-2:2018



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard	
	Back impact test Arm impact test Drop test Physical characteristics weatherability test Marking	(Part 2: Specification for outdoor use)	
Gas Cylinders and ancillary products			
Steel cylinders for liquefied petroleum gas	Markings Identification Test	PNS 03-1:2020	
	Burst Test		
	Tensile Test		
	Bending Test		
	Air Leak Test		PNS 03-3:2020
	Hydrostatic Test		
Non-refillable gas cartridges for liquefied petroleum gases, with or without a value (for pressures up to 2000 psi only)	Markings Identification Test	PNS EN 417:2016	
	Dimension		
	Net Capacity		
	Pressure Strength		
	Gas Tightness of Valve		
Gas cylinders – Refillable seamless steel gas cylinders (for pressures up to 2000 psi only)	Drop Test	PNS ISO 9809-1: 2014	
	Mechanical Strength Torque Test		
	Tensile Test		
	Bend Test		
Gas cylinders - Refillable composite gas cylinders and tubes (for pressures up to 2000 psi only)	Hydraulic Test	PNS 1111901:2019	
	Leak Test		
	Hydraulic Proof Test or Volumetric	PNS 1119-3:2014	
	Expansion Test		
	Burse Test		
	Leak Test		
	Hydraulic Proof Test or Volumetric	PNS 1119-2:2014	
	Expansion Test		
	Burse Test		
	Leak Test		
Gas cylinders - Refillable seamless aluminium alloy gas	Tensile Test	PNS ISO 7866:2014	
	Bend Test		
	Flattening Test		



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
cylinders (for pressures up to 2000 psi only)	Hydraulic Burst Test	
	Leak Test	
Gas cylinders – Specification and testing of LPG cylinder valves – Manually operate	Hydraulic Pressure	PNS ISO 15995:2013
	External and Internal	
	Tightness Test	
	Valve Closure Test	
	Hand wheel Fire Exposure Test	
	Impact Test	
	Resistance to Excessive Closing/opening Torque	
	Valve stem test	
	Endurance test	
	Examination of dismantled valves	
Liquefied petroleum gas regulator for domestic use	Performance Marking Test	PNS 1961:2011
	Endurance Test	
	Chatter Test	
	Rated Capacity	
	Drop Test (Soundness, Lock Up, Outlet pressure)	
Rubber hoses and hose assemblies for liquefied petroleum gas (LPG) in the liquid or gaseous phase and natural gas up to 25 bar (2,5 MPa)	Nozzle Test	PNS 2928:2013
	Internal Diameter	
	Outside Diameter	
	Wall Thickness	
	Tensile	
	Elongation	
	Ageing	
	Proof Test	
	Change In Length	
	Change in Twist	
	Burst Pressure	
	Adhesion Test	
	Electrical Resistance Test	
Flammability		
Bending Test		
LPG Cylinder Valves – Self Closing	Hydraulic Pressure	PNS 14245:2013
	External and Internal	
	Tightness	



ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
	Operation Test	
	Valve stem test	
	Impact test	
	Endurance test	
	Tightness test at valve	
	Outlet seal after endurance test	
	Stimulated vacuum test	
	Examination of dismantled valves	
Glass		
Specification for Safety Glass for Automotive Application	Optical Deviation	PNS 130:1988
	Optical Distortion	
	Measurement of Thickness	
	Visible Light transmission	
	Uniformity Test	
Strengthened and Fully Tempered Flat Glass	Strength Requirements	PNS ASTM 1048:2013
	Dimension Requirements	
	Blemish Detection	
	Distortion	
Laminated Safety Glass	Impact Resistance	PNS ISO 12543-2:2020
	High Temperature Test	
	Humidity Test	
	Appearance	
	Dimension and Edge Finishing	
Laminated Glass	Impact Resistance	PNS ISO 12543-3:2020
	Durability of laminated Safety Glass	
	Humidity Test	
	Dimensions and edge finishing	
	Appearance	
Plywood	Dimensions and Tolerance	PNS ISO 12465:2017
	Classification by Surface	
	Appearance	
	Mechanical Characteristics	
	Physical Properties	
	Bonding Quality	
	Formaldehyde Emission	



**Philippine
Accreditation
Bureau**

ATEL-0422-391A

SCOPE OF ACCREDITATION

STANDPRO TESTING CENTER OPC

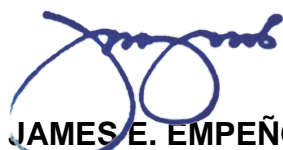
4374 Montojo St., Brgy. Tejeros, Makati City

Mechanical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Fire Extinguisher		
Dry Chemical portable fire extinguishers	Performance Test Markings	PNS - 15 Part 1: 1989
	Identification Test	
	Sieve Analysis Test	
Carbon dioxide portable fire Extinguishers	Performance Test Markings	PNS - 15 Part 3: 1991
	Identification Test	
	Test for Duration of Discharge	
Foam portable fire extinguishers	Performance Test Markings	PNS - 15 Part 4: 1991
	Identification Test	
Clean extinguishing agent – Halon Substitute portable fire extinguishers	Drop Test	PNS 15-5: 1996 Amd. 01:1997
	Markings	
	Labelling	
	Packaging Identification	

Legend to reference standards:

SMEWW - Standard Methods for the Examination of Water and Wastewater
US EPA - United States Environmental Protection Agency



JAMES E. EMPENÑO
Director IV

Philippine Accreditation Bureau



**PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2017
LA-2022-391A**