



ATEL-0123-006G

SCOPE OF ACCREDITATION

METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

MIRDC Compound, Gen. Santos Ave., Bicutan, Taguig City

Chemical Testing

Classification of Scopes	Specific tests or Measurements	Standard Method / Reference Standard
Metals and Alloys/Metals and Metal Products		
Iron and Iron Alloys Steel/Stainless Steel	Carbon Silicon Manganese Phosphorus Sulfur Chromium Molybdenum Nickel Copper	PCL-NTP-034
Iron and Iron Alloys Carbon and Low Alloy Steel	Carbon Silicon Manganese Phosphorus Sulfur Chromium Molybdenum Nickel Copper Aluminum Vanadium	ASTM E415
Iron and Iron Alloys Austenitic Stainless Steel	Carbon Silicon Manganese Phosphorus Sulfur Chromium Molybdenum Nickel Copper	ASTM E1086
Iron and Iron Alloys Cast Iron	Carbon Silicon Manganese Phosphorus	ASTM E1999



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	Sulfur Chromium Molybdenum Nickel Copper	
Copper and Copper alloys	Copper Zinc Lead Tin Phosphorus Manganese Iron Nickel Silicon Aluminum	PCL-NTP-035
Aluminum and Aluminum Alloys	Aluminum Silicon Iron Copper Manganese Magnesium Chromium Nickel Zinc Titanium	ASTM E1251
Bare Metals	Salt Spray Test	ASTM B117
Safety belt / Seat belts	Salt Spray test	PNS 1892 / ASTM B117
Metallic Coatings and Treatment Solutions		
Metallic Coatings	Mass of Coating	ASTM A90/A90M, PNS 67:2000, PNS 26 PNS ISO 1460
	Thickness of Coating	ASTM B504, ASTM B499



**Philippine
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	Adhesion Test	ASTM B571
	Bend Test	PNS 67:2000
	Salt Spray Test	ASTM B117, PNS 1892
Paints and Related Surface Coatings		
Paint Coating	Thickness of Paint Coating	ASTM D1005
	Bend Test	ASTM D4145, PNS 201
	Impact Test	ASTM D2794, PNS 201
	Adhesion Test	ASTM D3359
	Film Hardness Test	ASTM D3363/ PNS 201
	Salt Spray Test	ASTM B117

Reference Standards:

ASTM - American Society for Testing and Materials

ISO - International Organization for Standardization

PNS - Philippine National Standard



JAMES E. EMPEÑO

Director IV

Philippine Accreditation Bureau



**PAB ACCREDITED
TESTING LABORATORY
PNS ISO/IEC 17025:2017
LA-1996-006G**