



METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

SCHEDULE OF FEES AND CHARGES FOR TESTING, ANALYSIS AND CALIBRATION SERVICES

MIRDC

EFFECTIVE as of 02 JANUARY 2019

PHYSICO-CHEMICAL LABORATORY

TEST NAME	RATE (Pesos)
1. CARBON/SULFUR	
1.1 In Ferrous	650.00
1.2 In Non-Ferrous	650.00
1.3 In Powders	650.00
1.4 In Tinplates (Carbon)	650.00
2. ALUMINUM	
2.1 In Ferrous/Non-Ferrous	670.00
3. ANTIMONY	
3.1 In Non-Ferrous	670.00
3.2 In Babbit	680.00
4. BISMUTH	
4.1 In Non-Ferrous	670.00
5. CADMIUM	
5.1 In Non-Ferrous	670.00
5.2 In Ag Brazing Alloy	1160.00
6. CHROMIUM	
6.1 In Ferrous/Non-Ferrous	670.00
6.2 In Powders	1310.00
6.3 In Stainless Steel/Cast Iron/ Tool Steel	840.00
6.4 In Chrome Ores/FeCr	1630.00
7. COBALT	
7.1 In Ferrous/Non-Ferrous	670.00
7.2 In Powders	1310.00
8. COPPER	
8.1 In Ferrous/Non-Ferrous	670.00
8.2 In Powders	1310.00
8.3 In High-Purity Copper/ Cu-based/Cu-Ni/Ni-Cu alloy	1085.00
9. IRON	
9.1 In Non-Ferrous	670.00
9.2 In Powders	1310.00
9.3 In Fe Ore	1280.00
9.4 In Al-based Alloy	670.00
10. LEAD	
10.1 In Ferrous/Non-Ferrous	670.00
10.2 In Powders	1310.00
10.3 In Pb-based, Pb-Sn & Cu-based	1140.00
11. MAGNESIUM	
11.1 In Ferrous/Non-Ferrous	670.00
11.2 In Powders	1310.00
11.3 In Al-based Alloy	920.00
11.4 In limestone	1100.00
12. MANGANESE	
12.1 In Ferrous/Non-Ferrous	670.00
12.2 In Powders	1310.00
12.3 In FeMn/Mn Ores/Mn Steel	1620.00

TEST NAME	RATE (Pesos)
13. MOLYBDENUM	
13.1 In Steels	1530.00
13.2 In Cast Iron	1730.00
13.3 In FeMo	1180.00
14. NICKEL	
14.1 In Ferrous/Non-Ferrous	670.00
14.2 In Powders	1310.00
14.3 In Ni-based, Cu-Ni & Ni-Cu alloy & SS	1120.00
15. PHOSPHORUS	
15.1 In Ferrous	1160.00
15.2 In Powders	1310.00
15.3 In Cu-based Alloy	1100.00
16. SILICON	
16.1 In Ferrous/Non-Ferrous	1130.00
16.2 In Al-based Alloy (Grav/UV)	925.00
16.3 In Powders (Grav)	1320.00
16.4 In FeSi (vol)	900.00
17. SILVER	
17.1 In Non-Ferrous	670.00
17.2 In Powders	1310.00
17.3 In Ag-Brazing Alloy	1160.00
18. TIN	
18.1 In Ferrous/Non-Ferrous	670.00
18.2 In Powders	1310.00
18.3 In Solders, Pb-based & Cu-based alloys	725.00
19. TITANIUM	
19.1 In Al-based Alloy	730.00
20. VANADIUM	
20.1 In Non-Ferrous	670.00
21. ZINC	
21.1 In Non-Ferrous	670.00
21.2 In Brass/ Ag Brazing Alloy/ Zn dross	1300.00
21. Moisture	320.00
23. Proximate Analysis	770.00
24. OES Analysis	
24.1 Ferrous	3550.00
24.2 Non-Ferrous	3900.00

New Services Offered

- 24. Analysis of steel sheets, carbon steel, and
LPG steel cylinders**
- 24.1 Niobium per quotation basis

Approved by:


ROBERT O. DIZON
Executive Director



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CORROSION LABORATORY

TEST NAME	RATE (Pesos)
1. Bend Test	240.00
2. Tape Test	215.00
3. Impact Test	300.00
4. Pencil Hardness Test	250.00
5. Salt Spray Test	
6.1 Per 8 hrs/sample	1,180.00
6.2 Per 24 hrs/sample	2,410.00
6.3 Per 24 hrs (Sat/Sun/holiday)	3,060.00
6.4 Per additional sample	300.00
7. CASS Test	
7.1 Per 8 hrs.	1,215.00
7.2 Per 24 hrs.	2,600.00
7.3 Per 24 hrs (Sat/Sun/holiday)	3,030.00
7.4 Per additional sample	300.00
8. Thickness of Coating	
8.1 Stripping Method	
8.2.1 GI Sheet	450.00
8.2.2 Wires	420.00
8.2.3 Pre-painted Sheet	450.00
8.2 Micrometer Method	
8.3.1 GI Sheet	355.00
8.3.2 Pre-Coated Sheet	480.00
8.3 Electrolytic Method	
8.4.1 Single Layer	570.00
8.4.2 Per Additional Layer	300.00
9. Weight/Thickness of Zinc Coating (Stripping Method)	
9.1 Average of Single Spot	
9.1.1 GI Sheet	430.00
9.1.2 GI Wires	420.00
9.1.3 Pre-painted GI Sheet	540.00
9.1.4 GI Pipe	
<100 mm dia.	550.00
100-150 mm dia.	680.00
151-200 mm dia.	800.00
9.2 Triple Spot	
9.2.1 GI Sheet	520.00

TEST NAME	RATE (Pesos)
9.2.2 Prepainted Sheets	590.00
9.2 Triple Spot	
9.2.1 GI Sheet	520.00
9.2.2 Prepainted Sheets	590.00
10. Weight of Tin Coating	575.00
11. Weight of Wax Coating	290.00
12. pH	300.00
13. Specific Gravity	250.00
14. Sample Preparation (Stripping of Coating)	
15.1 GI Wires	100.00
15.2 GI Sheets/Pre-painted Sheets	120.00
15.3 Blackened Samples	120.00
15. Photo print	80.00

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MECHANICAL METALLURGY LABORATORY

TEST NAME	RATE (Pesos)	TEST NAME	RATE (Pesos)
1. Tension Test		10. Shear Test	
Using Shimadzu 2000kN Plate/Cylinder/Round Bars		Using Shimadzu 2000kN	375.00
For ($\leq 1000\text{mm}^2$)	205.00	Using Shimadzu 50kN	390.00
For 1000-1500 mm^2	335.00	11. Complete Physical Test for Wires	
For $\geq 1500\text{mm}^2$	670.00	Tension Using Shimadzu 50kN	335.00
Bolts (Axial/Wedge)	375.00	Physical Appearance	125.00
Guy Wire	390.00	Dimension Test	300.00
Using Shimadzu 50kN	390.00	Torsion Test	225.00
Bolts (Axial/Wedge)	390.00	Winding Test	225.00
2. Bend Test		12. Complete Physical Test for Angle Bars	
Plate/Cylinder/Rebar	190.00	Tension Using Shimadzu 2000kN	205.00
3. Variation in Mass	50.00	Tension Using Shimadzu 50kN	390.00
4. Deformation Measurement	50.00	Dimension Test	230.00
5. Hardness Test		Out of square Test	205.00
Rockwell, 5 Indentations	140.00	Test of Camber	185.00
Brinell, 2 Indentations	180.00	Variation in Mass	50.00
Vickers, 5 Indentations	240.00	13. Dimensional for Nails	350.00
Micro Vickers, 1 Indentation	270.00	14. Fracture/Break Test	810.00
Microdur, 5 Indentations	180.00	15. Pull-Out Test (Shimadzu 50kN)	390.00
6. Compression Test		16. Impact Test at Low/ Room Temperature	540.00
Using Shimadzu	355.00	17. BURST TEST	
Using Shimadzu 50kN	375.00	2 Piece Cylinder	1,550.00
7. Flattening/Transverse Test		3 Piece cylinder	3,500.00
Using Shimadzu 2000kN	195.00	18. AIR LEAK TEST	
Using Shimadzu 50kN	330.00	2 Piece Cylinder	1,600.00
8. Proofload/Breaking Load		3 Piece cylinder	2,500.00
Manhole cover/Grating	1,250.00	19. HYDROSTATIC TEST	
Clevis Assembly	1,325.00	2 Piece Cylinder	3,650.00
Turn Buckle, 1" – 2"	745.00	3 Piece cylinder	4,750.00
Turn Buckle, > 2"	1,480.00	20. Sample Preparation	
Wire Rope/Cable Wires $\geq \phi 1 \frac{1}{2}$ "	1,250.00	Notching	125.00
Small Sample (< 15 kg)	355.00	Oxy-acetylene Cutting	50.00
Big Sample (15 to 35kg)	655.00	Grinding	85.00
Heavy Sample (above 35kg)	1,550.00	21. Sectioning Cost	
7 Wire Strands	1,250.00	Up to 1 in ²	160.00
Using Shimadzu 50kN	390.00	1-4 in ²	220.00
9. Deflection Test		22. Photo print (B/W)	80.00
Using Shimadzu 2000kN	390.00		
Using Shimadzu 50kN	430.00		

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NONDESTRUCTIVE TESTING LABORATORY

TEST NAME	RATE (Pesos)	TEST NAME	RATE (Pesos)
1. Radiography, X-ray (3.5" X 17" Film)		4. Tire Endurance Tester	
10 mm thick and below	540.00	Motorcycle /sample	per quotation basis
>10-25 mm thick	570.00	Passenger Car/sample	per quotation basis
>25-35 mm thick	620.00	Truck/Bus/sample	per quotation basis
>35-50 mm thick	660.00		
2. Radiography, X-ray (14" X 17" Film)		5. Friction Test for Brake/ Clutch Lining Materials /pc	400.00
10 mm thick and below	1,140.00		
>10-25 mm thick	1,165.00	6. Vibration Test /hour	300.00
>25-35 mm thick	1,190.00		
>35-50 mm thick	1,230.00	7. Fatigue Test (Repeated Load Test) / hour	750.00
3. Ultrasonic Testing Set-up			
Flaw Detection (per sq. ft.)	385.00	8. Hardness Test for Rubber	400.00
Flaw Detection (per linear ft.)	420.00	Average of five (5) readings	
Thickness Gaging (per point)	60.00	9. Roughness Test /point excluding set-up	200.00
4. Liquid Penetrant Testing			
Visible (per sq. ft.)	370.00	10. Data Recorder/Analyzer	2,700.00
Visible (per linear ft.)	360.00	Accelerometer, Strain Gauges	
Fluorescent (per sq. ft.)	420.00	Static Torque & Load Cell	
Fluorescent (per linear ft.)	370.00	excluding sensor installation / day	
5. Magnetic Particle Test		11. Crash Test (Pendulum-type)	3,000.00
Wet-Visible (per sq. ft.)	410.00	Transport Body Impact Tester	
Wet-Visible (per linear ft.)	380.00	excluding sensor installation / day	
Fluorescent (per sq. ft.)	430.00		
Fluorescent (per linear ft.)	390.00	12. Seat Frame Endurance Test / hr	200.00

AUTO-PARTS TESTING LABORATORY

TEST NAME	RATE (Pesos)	TEST NAME	RATE (Pesos)
1. Emergency Locking Retractor Test (Angle Lock)/sample	500.00	13. Weighing / sample	as per quotation basis
2. Length Adjustment Force (Extraction/Retraction)/sample	500.00	14. Photo / print	80.00
3. Environmental Testing			
Exhaust Muffler (Furnace)/hr	500.00		
Heat Resistance (Industrial Oven)/hr	50.00		
Dust Resistance (Dusting Chamber)/hr	200.00		

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ELECTRICAL CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
AC Current Source/Standard up to 50A	2,650.00	High Voltage Meter (up to 10 kV) Up to 10 kV	2,000.00
per succeeding range	750.00	per succeeding range	1,150.00
AC Voltage Source/Standard up to 1000V	1,750.00	Insulation Tester (Megohmmeter) up to 1000V	1,050.00
per succeeding range	550.00	per succeeding range	350.00
Ammeter (AC, 20 A) 1 to 2 ranges	750.00	Megohmmeter up to 1000MΩ	1,090.00
1 to 5 ranges	1,200.00	per succeeding range	350.00
Ammeter (DC, 2 A and below) 1 to 2 ranges	700.00	Kelvin Bridge up to 1MΩ	2,100.00
1 to 5 ranges	1,150.00	per succeeding range	1,250.00
Ammeter (DC, above 2 A) 1 to 2 ranges	1,000.00	Millivolt Potentiometer Up to 100mV	1,850.00
1 to 5 ranges	1,700.00	per succeeding range	900.00
AC Clampmeter (up to 500A) up to 500A	800.00	Multimeter, Analog	2,250.00
per succeeding range	300.00	Multimeter, Digital, 3 ½ digits	3,250.00
Current Shunt, (AC, 10 A)	1,300.00	4 ½ digits	5,050.00
Current Shunt, (AC, 50 A)	1,650.00	5 ½ digits	7,900.00
Current Shunt, (DC, 10 A)	1,400.00	6 ½ digits	10,150.00
Current Shunt, (DC, 50 A)	1,700.00	Ohmmeter 100mΩ to 100GΩ	900.00
DC Current Source/Standard Up to 50A	2,100.00	per succeeding range	350.00
per succeeding range	900.00	Ohmmeter (0-14 pH)	700.00
DC Voltage Source/Standard by direct measurement up to 1000V	1,400.00	Puncture Tester 1st range	950.00
per succeeding range	650.00	per succeeding range	400.00
by transfer method up to 1000V	2,600.00	Puncture w/ Insulation Tester Up to 5Kv AC/DC, 2A AC/DC, and 100 MΩ	1,950.00
per succeeding range	1,100.00	Resistance Box 1st five points	550.00
DC Clampmeter up to 500A	900.00	per succeeding point	150.00
per succeeding range	350.00	Rheostat	550.00
Decade Resistance Box (per dial)	1,100.00	Stopwatch (15 mins. minimum)	680.00
Double Bridge 1st range	1,800.00	Standard Resistor by direct measurement	3,150.00
per succeeding range	1,100.00	by ratio	4,250.00
Earth Tester 1st range	1,350.00	Surface Resistance Checker 1st range	850.00
per succeeding range	400.00	per succeeding range	510.00
Electronic Load up to 20A	1,200.00	Ultrasonic Tester	1,600.00
per succeeding range	800.00	Variable AC Transformer	700.00
Groundstrap Tester/Checker 1st range	550.00	Voltmeter, (1000V, AC/DC) 1st range	700.00
per succeeding range	330.00	per succeeding range	350.00

Note: The prices indicated herein serve as general guides and may vary from model to model.

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ELECTRICAL CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Wattmeter (AC 240V, 5A)		Wattmeter (DC 240V, 5A)	
1st range	1,800.00	1st range	1,845.00
per succeeding range	900.00	per succeeding range	800.00
		Wheatstone Bridge	3,350.00

TEMPERATURE CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Clinical Thermometer (-20 to 80°C)	1,700.00	Sling Psychrometer (bulb-type)	
Digital Thermometer, T/C		0 to 50 °C	1,940.00
1st range	1,800.00	Temperature Controller (RTD, T/C)	1,800.00
per succeeding range	500.00	Temperature Indicator (RTD, T/C)	1,800.00
Digital Thermometer, Add'l Probe	1,800.00	Temperature Recorder (RTD, T/C)	
Digital Thermometer, RTD		Single-point	
1st range	1,800.00	1st range	1,800.00
per succeeding range	500.00	per succeeding range	450.00
Glass/Filled/Bimetallic Thermometer		Multi-point	
-30 +120 °C (1st 5 points)	1,750.00	1st range	2,900.00
per additional point	500.00	per succeeding range	650.00
0 to 100 °C (1st 5 points)	1,700.00	Thermocouple Calibrator/Simulator	
per additional point	500.00	1st range	2,200.00
0 to 200 °C (1st 5 points)	1,700.00	per succeeding range	650.00
per additional point	500.00	Thermocouple Probe/Wire	
0 to 350 °C (1st 5 points)	1,750.00	-30 to +100 °C (1st 5 points)	1,750.00
per additional point	500.00	per additional test point	500.00
50 to 600 °C (1st 5 points)	1,700.00	0 to 100 °C (1st 5 points)	1,250.00
per additional point	500.00	per additional test point	500.00
Furnace		0 to 200 °C (1st 5 points)	1,450.00
50 to 500°C, single test point	2,100.00	per additional test point	500.00
per additional test point	500.00	0 to 300 °C (1st 5 points)	1,750.00
500 to 1000°C, single test point	2,700.00	per additional test point	500.00
per additional test point	650.00	0 to 500 °C (1st 5 points)	1,850.00
Oven/Freezer		per additional test point	500.00
-30 to +500 °C, single test point	2,100.00	50 to 1000 °C (1st 5 points)	2,000.00
per additional test point	500.00	per additional test point	500.00
RTD Calibrator/Simulator		Thermohygraph	1,450.00
1st range	2,100.00	Electronic/Dial Thermohygraph	1,550.00
per additional test point	650.00	Hygrograph	650.00
RTD Probe/Wire, Industrial		Electronic/Dial type hygrometer	700.00
-30 to +500 °C (1st 5 points)	1,950.00	Thermostat	750.00
per additional test point	750.00	Water Bath, -30 to +500 °C	
RTD Probe/Wire, Standard		1st temperature setting	2,100.00
-30 to +500 °C (1st 10 points)	3,700.00	per additional temperature setting	550.00
per additional test point	900.00		
Surface Temperature Probe			
50 to 300 °C	1,400.00		

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PRESSURE CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Current to Pressure (I/P) Transducer	1,400.00
Pressure to Current (P/I) Transducer	1,400.00
Differential Transmitter (D/P Cell)	
Electronic	1,400.00
Pneumatic	1,300.00
Pressure Gauge	
Pneumatic, industrial grade	900.00
Hydraulic, industrial grade	900.00
Test Gauge	
Pneumatic	2,300.00
Hydraulic	2,300.00
Pneumatic Deadweight Pressure Tester	2,950.00
Measurement of Piston Diameter	700.00
Weighing of Deadweight (per piece)	250.00
Hydraulic Deadweight Pressure Tester	2,850.00

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Pneumatic Pressure Calibrator	
0 to 40 bar (1st range)	2,300.00
per succeeding range	1,300.00
Pneumatic Controller	1,000.00
Pneumatic Indicator	900.00
Pneumatic Recorder	1,000.00
Pneumatic Pressure Switch	900.00
Pressure Measuring Instrument (Barometer, Barograph, Electronics) (reg. 6 test points)	
700hPa – 1040hPa	700.00
per succeeding test points	250.00
Mercurial Barometer (reg. 6 test points)	
700hPa – 1040 hPa	850.00
per succeeding test points	300.00

FORCE CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Electronic Balance	
500 g capacity and below	1,350.00
above 500 g capacity up to 100 kg	1,550.00
Gram Gauge	900.00
Push-Pull Gauge up to 100 kg	1,100.00
Rockwell Hardness Tester (per scale)	2,350.00
UTM	
for one range	3,700.00
for additional ranges	1,545.00
Torque Wrench	
single direction	1,300.00
dual direction	1,950.00

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Torque Meter	
single direction	1,950.00
dual direction	3,250.00
Triple Beam Balance	1,140.00
Non-Automatic Weighing Instruments	
Electronic Type 0-100 kg	1,550.00
Performance Testing	
Mechanical Type (up to 1 ton)	1,550.00
Electronic Type	
up to 1 ton	1,550.00
additional fee in excess ton	70.00

DIMENSIONAL MEASUREMENT

Dimensional Inspection (per sample)	
Roundness Measurement (Conventional Method)	500.00
Surface Roughness Assessment	500.00
Straightness Measurement	500.00
Radius Gauge	500.00
Impact Specimen	500.00
G.I. Pipes	500.00

Machine Components/Equipment	
Parts/Instruments not included in the list	500.00
Dimensional Measurement using LASER per sample	
0-300 mm range	2,150.00
Dimensional Measurement using CMM per hr.	500.00
Conventional measurement using V. caliper, Dial Gauge, O. micrometer, etc.	500.00

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LENGTH CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Vernier Caliper		Calibration Tester	2,300.00
0 - 150 mm range	850.00	Caliper Checker - 600 mm and below	2,900.00
0 - 250 mm range	1,225.00	Precision Check Master	
above 150 - 200 mm range	950.00	600 mm and below	3,300.00
above 200 - 300 mm range	1,225.00	Precision Straight Edge	
above 300 - 600 mm range	1,400.00	1000 mm and below	1,500.00
above 600 - 1000 mm range	1,300.00	Granite Surface Plate	
External Micrometer		Diagonal Length in mm:	
0 - 25 mm range	700.00	Over up to & including	
above 25 - 100 mm range	800.00	- 354	3,500.00
above 100 - 150 mm range	1,000.00	354 566	3,600.00
above 150 - 200 mm range	1,250.00	566 891	4,000.00
above 200 - 250 mm range	1,600.00	891 1414	4,300.00
above 250 - 300 mm range	1,800.00	1414 2236	4,500.00
Setting Rod calibration per piece	550.00	2236 2968	4,700.00
Tubular Micrometer calibration for		Dial Caliper Gauges	1,400.00
Micrometer head only	1,500.00	Machine Tools: (using LASER)	
Depth Micrometer	750.00	Linear Positioning Error	
Feeler Gauge per leaf	300.00	per axis/meter	3,600.00
Combination Set		Straightness Error per axis/meter	3,600.00
Centering Head	700.00	Squareness per axis/meter	7,200.00
Protractor Head	1,000.00	Steel Rule	
Square Head	1,000.00	0-300 mm	500.00
Steel Rule	650.00	above 300-600 mm	650.00
Dial Gauge, Dial Thickness Gauge		above 600-1000 mm	900.00
and Dial Test Indicators using		above 1000-1500 mm	900.00
calibration tester		above 1500-2000 mm	900.00
0-20.0 mm range	850.00	Steel Rule (using LASER)	
Dial/Thickness Gauge with		0-1000 mm range	1,100.00
Non-Removable Handle		above 1000 - 1500 mm range	2,150.00
0-50 mm range	1,650.00	above 1500 - 2000 mm range	2,800.00
Height Master, 0-310mm, per column	2,700.00	Glass Scale	
Vernier and Digimatic Height Gauge		0-100 mm, max. 10 points	600.00
0 - 600 mm range	1,000.00	0-200 mm, max. 10 points	800.00
Gauge Block		0-300 mm, max. 10 points	900.00
Grade 0 (per piece)	700.00	0-400 mm, max. 10 points	900.00
Grade 1 (per piece)	550.00	Dimensional Measurement using	
Grade 2 (per piece)	400.00	LASER per sample	
Deburring (per piece)	150.00	0-300 mm range	2,150.00
Rectangular Gauge Block		Dimensional Measurement using	
Grade 0 (Steel)	1,160.00	CMM per hr.	500.00
Grade 1 (Steel)	1,030.00	Conventional Measurement	500.00
Grade 2 (Steel)	1,030.00	Coordinate Measuring Machine	
Fixed Gauge (Plug/Go-No Go) per side	850.00	Linear Error/Axis	4,300.00
Pin Gauge (per piece)	300.00	Straightness of axis	4,300.00
Toolmakers Microscope	2,800.00	Squareness of axis	4,300.00
Optical Projector	2,800.00	Precision Square	
Mu-Checker (for one range)	1,800.00	200 x 300 mm and smaller	1,550.00
per additional setting range	850.00		

Note: The prices indicated herein serve as general guides and may vary from model to model.

Approved by:

ROBERT O. DIZON
Executive Director



METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

SCHEDULE OF FEES AND CHARGES FOR TESTING, ANALYSIS AND CALIBRATION SERVICES

EFFECTIVE as of 02 JANUARY 2019

LENGTH CALIBRATION

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
Precision Square Master (using LASER)	2,900.00	Snap Gauge/Snap Meter, 0-25mm	
Bevel Protractor	1,350.00	0 – 25 mm	1,700.00
Precision Level per scale	1,200.00	25 – 100mm	2,100.00
Rockwell Hardness Tester (per scale)	2,350.00	Carpenter Square	
UTM		Squareness	1,500.00
for one range	3,700.00	Linear Scale per leg	800.00
for additional ranges	1,545.00	De-burring of other Small Tools	750.00
Bore Gauge – 300 mm and below	1,900.00	Caliper Type Inside Micrometer	1,650.00
Microindicators	1,650.00	Depth Micrometer	700.00
Vernier Depth Gauge	1,200.00	Tape Measure	
Ball Bar Testing	2,500.00	up to 10m	700.00
Digimatic Indicator	1,650.00	additional fee per meter	70.00
Comparison of LASER using:		Digital Thickness Gauge	
UMM for x-axis only (combined)	3,900.00	(Non-removable)	1,650.00
Precision Square Master	4,900.00	Dial Gauges (>20mm)	1,650.00

MASSES

TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)	TYPE OF EQUIPMENT/DEVICE	RATE (Pesos)
NAWI, Electronic Type Only (On-site Calibration)		NAWI, Electronic & Mechanical Types (Base Laboratory or On-site Calibration)	
up to 2kg		High Accuracy II	
(using OIML Class E2)	2,000.00	(using OIML Class F2)	1,200.00
up to 60 kg		Medium Accuracy III & Ordinary IIII	
(using OIML Class F1)	1,530.00	(using OIML Class M1 and	
up to 200kg		substitution material)	1,080.00
(using OIML Class F2)	1,530.00	Add'l fee for every ton thereafter	
up to 300kg		in excess of 1 ton	20.00
(using OIML Class M1)	1,530.00		

Note: The prices indicated herein serve as general guides and may vary from model to model.

Approved by:


ROBERT Q. DIZON
 Executive Director



METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER

SCHEDULE OF FEES AND CHARGES FOR TESTING, ANALYSIS AND CALIBRATION SERVICES

EFFECTIVE as of 02 JANUARY 2019

FIELD JOBS

Non-Destructive Testing Laboratory

Field Inspection
personnel

Two (2) or less personnel

More than two (2)

a) Within Metro Manila		
Radiography	PhP 3,000.00	PhP 3,000.00 + 800/person
Ultrasonic	PhP 3,000.00	PhP 3,000.00 + 800/person
Magnetic Particle	PhP 2,000.00	PhP 2,000.00 + 800/person
Penetrant	PhP 2,000.00	PhP 2,000.00 + 800/person
b) Outside Metro Manila		
Radiography	PhP 3,600.00	PhP 3,600.00 + 1,200/person
Ultrasonic	PhP 3,600.00	PhP 3,600.00 + 1,200/person
Magnetic Particle	PhP 3,000.00	PhP 3,000.00 + 1,200/person
Penetrant	PhP 3,000.00	PhP 3,000.00 + 1,200/person

Physical Metallurgy Laboratory

Replication

a) Within Metro Manila	PhP 2,000.00	PhP 2,000.00 + 800/person
b) Outside Metro Manila	PhP 3,000.00	PhP 3,000.00 + 1,200/person

Instrumentation and Metrology Laboratory

In-Plant Calibration

a) Within 50km radius from base laboratory per day per team	PhP 2,000.00
b) More than 50km radius from base laboratory per day per team	PhP 3,000.00

Physico-Chemical Laboratory

Sampling

a) Within Metro Manila	PhP 3,000.00
b) Outside Metro Manila	to be evaluated

*** ADDITIONAL COST FOR FIELD JOBS WITH OVERTIME, AND ON SATURDAYS, SUNDAYS AND HOLIDAYS.**

Approved by:


ROBERT O. DIZON
Executive Director