



Republic of the Philippines

DEPARTMENT OF SCIENCE AND TECHNOLOGY

OFFICE OF THE SECRETARY

DOST Administrative Order No. 001
Series of 2014

MAY 19 2014

SUBJECT: Prescribed Fees for Testing Services of DOST Research and Development Institutes (RDIs) and Regional Standards and Testing Laboratories (RSTLs)

I. Rationale

This Administrative Order is issued to update the existing fees of DOST RDIs and RSTLs for testing services in compliance to Malacañan Administrative Order No. 31, s. 2012 which authorizes government agencies to increase their existing fees.

II. Scope

The updating of fees shall cover the testing and analytical services of testing laboratories of DOST RDIs and RSTLs.

III. Definition of Terms

- **Personal Services (PS)** – cost of services rendered by the technical and support staff involved in the delivery of testing and analytical services consisting of salaries, incentives and other monetary benefits.
- **Maintenance and Other Operating Expenses (MOOE)** – cost of supplies/materials, utilities, calibration, maintenance and depreciation of equipment and facilities used for services.

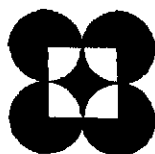
IV. Bases of Computation

The fee shall be the sum of the following components:

A. Personnel Services (PS)

The rates for Personal Services shall be computed based on the man hours spent for the activity and hourly rates.

Hourly rates are based on 1,980 work hours per year (12 months per year, 22 days per month and 7.5 hours per day).



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The degree of participation is classified according to the involvement of personnel in the conduct of analyses up to the release of results, as follows:

CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
SRA – 90%	SRS I – 50%	SRS II – 50%	SRS II – 40%
Sr. SRS – 5%	SRS II – 40%	Sr. SRS – 40%	Sr. SRS – 50%
Sup SRS – 2.5%	Sr. SRS – 5%	Sr. SRS – 5%	Sr. SRS – 5%
Chief SRS – 2.5%	Sup SRS – 2.5%	Sup SRS – 2.5%	Sup SRS – 2.5%
	Chief SRS – 2.5%	Chief SRS – 2.5%	Chief – 2.5%

A – simple, computation only, visual reading, short time analysis; example of tests: Brix, gravity, pH
B – intermediate, requires sample preparation (e.g. titrimetric method), enumeration, use of simple equipment; example of tests: titratable acidity
C – complex, use of instrumental analysis (e.g. AAS, GC, HPLC, PCR) laborious; example of tests: minerals
D – highly complex, requires several stages of analysis; example of tests: total dietary fiber

B. Maintenance and Other Operating Expenses (MOOE)

This component is computed as follows:

MOOE = Supplies and Materials + Utilities + Equipment Maintenance, Calibration and Depreciation

- Supplies and Materials = Cost per unit x Actual Usage
- Utilities = Water + Electricity

Water = Consumption x 60 Php/cu.m

Electricity = Wattage of equipment x No. of hours used x 10 Php/ kWh

- Equipment = Maintenance Cost + Depreciation Cost + Calibration Cost

Maintenance Cost = Acquisition Cost Php x 0.05 x (Hrs of Use/ 1,980 Hrs)

Depreciation Cost = (Acquisition Cost Php/ Useful Life in Years) x (Hrs of Use/ 1,980 Hrs)

Calibration Cost = (Calibration Cost/1,980) x Hrs of Use

V. Matrix of Recommended Fees

The prescribed fees for the DOST testing services are presented as Annex A.

VI. Effectivity

This Order shall take effect on May 1, 2014.


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Secretary

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PRESCRIBED FEES FOR DOST TESTING SERVICES
as of _____ 2014 **MAY 01 2014**

TESTING SERVICES COMMON TO DOST RDIs and RSTLs

ORGANIC CHEMISTRY

1. Food/ Feed Products

No.	Test/ Analysis	Method	Prescribed Fee
1	Alcohol, % (Distilled Liquor)	Pycnometer	300.00
2	Alcohol, % (Distilled Liquor)	GC	1,800.00
3	Arsenic	AAS	2,300.00
4	Ash	Gravimetric	550.00
5	β - Carotene	HPLC	4,000.00
6	Brix Reading	Refractometric	360.00
7	Calcium	AAS	1,920.00
8	Cadmium	AAS	2,300.00
9	Cholesterol	GC	3,960.00
10	Chromium, Total	AAS	1,920.00
11	Color	Minolta	330.00
12	Color	Munsell Book of Color	125.00
13	Computation and Drafting of Nutritional Facts	Computation	1,500.00
14	Crude Fat	Soxtec Acid Hydrolysis	1,200.00
15	Crude Fat	Solvent Extraction	960.00
16	Crude Fiber	Titrimetric	1,380.00
17	Crude Protein	Semi-Micro Kjeldahl	1,000.00
18	Density	Density meter	360.00
19	Ethyl Alcohol in wine	Pycnometer	470.00
20	Fatty Acid (Saturated) - Food	GC	2,700.00
21	Fatty Acid (Saturated) - Oil	GC	2,400.00
22	Folic Acid	HPLC	3,750.00
23	Free Fatty Acid	Titrimetric	500.00
24	Iodine	Titration	500.00
25	Iodine - Food	AA3	3,125.00
26	Iodine - Water	AA3	1,250.00
27	Lead	AAS	2,300.00
28	Methanol	Colorimetry	2,000.00
29	Moisture	Gravimetric	400.00
30	Moisture (Fats and oils)	Gravimetric	450.00
31	Moisture content (critical)	Gravimetric	2,830.00
32	Moisture	Sorption Isotherm	5,050.00
33	Nickel	AAS	1,920.00
34	Peroxide Value (oil)	Titrimetric	600.00
35	Potassium	AAS	1,920.00
36	Salt as NaCl	Titrimetric	700.00
37	Sodium	AAS	1,920.00
38	Total Carbohydrates and Energy	Computation	180.00
39	Total Dietary Fiber	Enzymatic	7,200.00
40	Total Fat	Acid Hydrolysis	1,100.00
41	Total Titrable Acidity	Titrimetric	560.00
42	Trans Fat - Food	GC	8,000.00
43	Trans Fat - Oil	GC	7,000.00

No.	Test/ Analysis	Method	Prescribed Fee
44	Vitamin A	HPLC	3,750.00
45	Vitamin C / Ascorbic Acid	Titration	1,155.00
46	Vitamin C / Ascorbic Acid	HPLC	3,000.00
47	Viscosity	Rheology/Brookfield	840.00
48	Iron	AAS	1,920.00
49	Zinc	AAS	1,920.00
50	Mercury	AAS	2,300.00
51	pH	pH Meter	325.00
52	Water Activity	Novasina	375.00
53	Water Activity	AOAC 978.18	250.00

2. Food/ Sugar Products

No.	Test/ Analysis	Method	Prescribed Fee
1	Total Nitrogen	Kjeldahl	1,120.00
2	Total Sugars	Titrimetry	1,100.00
3	Total Solids	Gravimetric	400.00
4	Water Activity	Water Activity Measuring System	300.00

3. Fishmeal

No.	Test/ Analysis	Method	Prescribed Fee
1	Ash	Gravimetric	550.00
2	Crude Protein	Semi-Micro Kjeldahl	1,000.00
3	Crude Fat (Acid Hydrolysis)	Acid Hydrolysis	1,200.00
4	Crude Fiber	Weendee, AOAC	1,380.00
5	Moisture content	Gravimetric	400.00
6	Phosphorous	Spectrophotometric Molybdovanadate Method	1,440.00

4. Seaweed, Carrageenan

No.	Test/ Analysis	Method	Prescribed Fee
1	Debris/Impurities	Gravimetric	200.00
2	Moisture Content	AOAC	360.00
3	Sand	Gravimetric	200.00

5. Charcoal

No.	Test/ Analysis	Method	Prescribed Fee
1	Moisture Content	ASTM	360.00
2	Volatile Matter	ASTM	600.00
3	Fixed Carbon and Ash	ASTM	1,800.00

6. Soap and Related Products

No.	Test/ Analysis	Method	Prescribed Fee
1	Free Alkali/Free Acid	PNS	720.00
2	Moisture and Volatile Matter	PNS	720.00
3	Matter Insoluble in Alcohol	Gravimetric, PNS	720.00
4	Matter Insoluble in Water	Gravimetric, PNS	720.00

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INORGANIC CHEMISTRY

1. Water/ Wastewater

No.	Test/ Analysis	Method	Prescribed Fee
1	Acidity	Titrimetry	500.00
2	Alkalinity (Partial / Total)	Titrimetry	500.00
3	Bicarbonates	Titrimetry	500.00
4	BOD	Azide Modification, Winkler method	1,500.00
5	Cadmium (Direct Aspiration)	AAS Flame Direct Aspiration	1,000.00
6	Cadmium (Total)	AAS Flame	1,200.00
7	Calcium (Total)	AAS Flame	1,200.00
8	Calcium	Titrimetric	700.00
9	Chloride	Argentometric-Titrimetric	750.00
10	Chromium (Hexavalent)	Rapid Test; Colorimetry	300.00
11	Chromium (Total)	AAS Flame	1,200.00
12	COD (Open Reflux)	Dichromate, Open reflux Method	1,200.00
13	Color (Conventional)	Photometric; Color Comparison	250.00
14	Conductivity	Electrical Conductivity	350.00
15	Copper	AAS Flame Direct Aspiration	1,000.00
16	Copper (Total)	AAS Flame Direct Aspiration	1,200.00
17	Dissolved Oxygen	Winkler Method	500.00
18	Fluoride	Ion Chrom	1,000.00
19	Iron (Total)	AAS Flame	1,200.00
20	Iron	Direct Aspiration	1,000.00
21	Iron	Spectro	300.00
22	Lead	AAS Flame Direct Aspiration	1,000.00
23	Lead (Total)	Flame AAS	1,200.00
24	Magnesium (Total)	Flame AAS	1,200.00
25	Manganese	Flame AAS Direct Aspiration	1,000.00
26	Manganese (Total)	Flame AAS	1,200.00
27	Methylene Blue Substances (Photometric Rapid)	Photometric Rapid	1,100.00
28	Nickel (Total)	Flame AAS	1,200.00
29	Nickel	Flame AAS Direct Aspiration	1,000.00
30	Nitrate	Brucine	600.00
31	Nitrogen - Ammonia	Colorimetric	850.00
32	Nitrogen - Nitrite	Colorimetric	400.00
33	Nitrogen - Nitrite	Kjeldahl	800.00
34	Oil and Grease	Liquid-liquid Partition-Gravimetric	1,000.00
35	pH	Potentiometric	350.00
36	Phosphorous (Hydrolyzable)	Ascorbic acid, Photometric	700.00
37	Phosphorous (Dissolved)	Ascorbic acid, Photometric	400.00
38	Potassium	Flame AAS	1,200.00

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No.	Test/ Analysis	Method	Prescribed Fee
39	Salinity	Salinity meter	300.00
40	Sodium	Flame AAS	1,200.00
41	Sulfate	Ion Chrom/ Turbidimetric	800.00
42	Total Dissolved Solids (TDS)	Gravimetric	600.00
43	Total Hardness	EDTA Titrimetry	700.00
44	Total Nitrogen (Kjeldahl)	Kjeldahl	950.00
45	Total Suspended Solids (TSS)	Gravimetric	650.00
46	Turbidity	Turbidimetry (UV-VIS Spectro)	300.00
47	Zinc	Flame AAS Direct Aspiration	1,000.00
48	Zinc	Flame AAS	1,200.00

2. Fertilizer/ Soil/ Plants

No.	Test/ Analysis	Method	Prescribed Fee
1	Ash	Gravimetric	300.00
2	Calcium Carbonate Equiv	Titration	500.00
3	Dry Matter Content	Gravimetric	250.00
4	Moisture	Oven (Soil)	600.00
5	pH	Potentiometric	350.00
6	Phosphorous	Extraction, Stannous Chloride Colorimetric	450.00
7	Potassium	Flame AAS	1,000.00
8	Nitrogen	Kjeldahl	1,000.00
9	Total Phosphorus (all acid-soluble phosphorus)	Spectrophotometric	1,000.00

3. Industrial Chemicals

No.	Test/ Analysis	Method	Prescribed Fee
1	Calcium	Flame AAS	1,000.00
2	Cadmium	Flame AAS	1,000.00
3	Chromium	Flame AAS	1,000.00
4	Cobalt	Flame AAS	1,000.00
5	Copper	Flame AAS	1,000.00
6	Iron	Flame AAS	1,000.00
7	Lead	Flame AAS	1,000.00
8	Magnesium	Flame AAS	1,000.00
9	Manganese	Flame AAS	1,000.00
10	Mercury	Mercury Analyzer	1,000.00
11	Moisture	Oven	400.00
12	Nickel	Flame AAS	1,000.00
13	pH	Potentiometric	350.00
14	Potassium	Flame AAS	1,000.00
15	Sodium	Flame AAS	1,000.00
16	Specific Gravity	Hydrometer/ Pycnometer	350.00
17	Zinc	Flame AAS	1,000.00

4. Limestones, Quicklime, Hydrated Lime/ Clay

No	Test/ Analysis	Method	Prescribed Fee
1	Aluminum		1,000.00
2	Calcium	Flame AAS	900.00
3	Calcium Oxide	Titimetric	350.00
4	Iron	Flame AAS	900.00
5	Loss on ignition	Gravimetric	600.00
6	Magnesium	Flame AAS	1,000.00
7	Silica	Gravimetric	800.00

5. Metals, Alloys, Minerals, Ores, Soil

No	Test/ Analysis	Method	Prescribed Fee
1	Calcium	AAS	900.00

MICROBIOLOGY

1. Food, Feed, Cosmetics and others

No	Test/ Analysis	Method	Prescribed Fee
1	Aerobic Plate Count/ Standard Plate Count/ Total Plate Count	Pour plate	550.00
2	Anaerobic detection	Conventional	400.00
3	<i>Bacillus cereus</i> Count	Spread Plate	1,000.00
4	<i>Bacillus cereus</i> Count + Rapid Confirmatory	Spread Plate, Rapid Confirmatory	1,400.00
5	Commercial Sterility	BAM Online	2,000.00
6	<i>Escherichia coli</i> Count	MPN	1,000.00
7	<i>Enterobacteriaceae</i> Count	Pour plate	650.00
8	Lactic Acid Bacteria	Pour plate	1,000.00
9	<i>Listeria monocytogenes</i> Detection	Conventional Culture, Rapid Confirmatory	2,200.00
10	Molds and Yeast Count	Pour plate	550.00
11	<i>Pseudomonas aeruginosa</i> Count	MPN	720.00
12	<i>Salmonella</i> sp. Detection (Presumptive)	Conventional	900.00
13	<i>Salmonella</i> sp. Detection	Rapid	1,000.00
14	<i>Staphylococcus aureus</i> Count	Spread Plate	1,200.00
15	<i>Staphylococcus aureus</i> Count	Petrifilm	800.00
16	Total Coliform Count	Pour Plate, MPN	550.00
17	Total Coliform Count + <i>E. coli</i> Count	Pourplate, MPN	1550
18	<i>Vibrio cholera</i> Count	MPN	800.00

2. Water/ Wastewater

No	Test/ Analysis	Method	Prescribed Fee
1	Heterotrophic Plate Count	Pour plate	550.00
2	Total Coliform Count	MPN	550.00
3	<i>Escherichia coli</i> Count (w/ Fecal Coliform Count)	MPN	1,000.00
4	Fecal Coliform	MPN	550.00
5	Package A: Heterotrophic Plate Count + Coliform Count	Pour Plate, MPN	1,100.00
6	Package B: Heterotrophic Plate Count + Coliform Count + <i>E. coli</i> Count (w/ Fecal Coliform Count)	Pour Plate, MPN	1,700.00
7	Package C: Heterotrophic Plate Count + Coliform Count + Fecal Coliform Count	Pour Plate, MPN	1,200.00
8	Package D: Total Coliform Count + Fecal Coliform Count	MPN	650.00

3. Extracts and others

No	Test/ Analysis	Method	Prescribed Fee
1	Antimicrobial susceptibility test	Agar-cup/Agar-well	1,500.00




PREScribed FEES FOR DOST TESTING SERVICES

AGENCY: FOOD AND NUTRITION RESEARCH INSTITUTE (FNRI)

BIOCHEMICAL ANALYSIS

No.	Test/ Analysis	Method	Prescribed Fee
1	Serum Retinol	HPLC	700.00
2	Urinary Iodine Excretion	Ammonium Persulfate/UV-VIS	250.00
3	Hemoglobin	Cyanmethemoglobin	150.00
4	Serum Zinc	AAS	560.00
5	Serum Ferritin	IRMA	700.00
6	Serum Folic Acid	RIA	700.00
7	Riboflavin by EGR - Ac	Enzymatic	980.00
8	C-Reactive Protein	Agglutination	150.00

Prescribed fee is based on as received samples. In case the laboratory is requested to collect the samples, a P 50.00 -150.00 additional cost will be charged per sample depending on the services requested.

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: FOREST PRODUCTS RESEARCH AND DEVELOPMENT INSTITUTE (FPRDI)

ISO/IEC 17025:2005 Accredited Laboratories

I. Pulp & Paper Testing Laboratory - Physical Properties

No.	Test/Analysis	Method	Prescribed Fee
1	Tear strength	ISO 1974	750.00
2	Tear strength *	ISO 1974	1,970.00
3	Tensile strength	ISO 1924	630.00
4	Tensile strength*	ISO 1924	1,920.00
5	Grammage/Basis weight	ISO 536	630.00
6	Thickness	ISO 534	630.00
7	Density	ISO534 & ISO 536	630.00
8	Brightness(ISO)	ISO 2470	910.00
9	Opacity (ISO)	ISO 2471	910.00
10	Dirt count*	TAPPI 437	1,450.00
11	Dirt count	TAPPI 437	265.00
12	Edgewise Crush Test	ISO 13821	630.00
13	Flat Crush Test	ISO 3035	630.00
14	Ring Crush Test	ISO12192	630.00
15	CMT-concure fluting	ISO 7283	1,330.00
16	Burst strength(board)	ISO 2759	630.00
17	Burst strength (paper)	ISO 2758	630.00
18	Burst strength(board)*	ISO 2759	1,250.00
19	Burst strength (paper)*	ISO 2758	1,165.00
20	Folds**	ISO 5626	265.00
21	Folds***	ISO 5627	500.00
22	Det'n of Water Absorptiveness	ISO 535	265.00
23	Oil Penetration	TAPPI 462	265.00

* New testing equipment

** short fiber

*** long fiber

II. Plywood Testing Laboratory

	Test/Analysis	Method	Prescribed Fee
1	Type 1 Exterior Plywood	PNS: 196:2000	12,645.00
	a. Thickness Test		870.00
	b. Moisture Content		3,970.00
	c. Shear & Wood Failure Test		7,805.00
2	Type 2 Interior Plywood	PNS: 196:2000	10,015.00
	a. Thickness Test		870.00
	b. Moisture Content		3,970.00
	c. Delamination Test		5,175.00

III. Furniture Testing Center

	Test/Analysis	Method	Prescribed Fee
1	Structural/ Performance Test	ISO 7173:1989	10,500.00*

* per sample




Laboratories for ISO/IEC 17025:2005 Accreditation

I. Pulp & Paper Testing Laboratory - Chemical Properties

No.	Test/Analysis	Method	Prescribed Fee
1	Moisture Content*	TAPPI 412 om-06	245.00
2	Ash Content*	TAPPI 211 om-07	320.00
3	Hot water extractives	TAPPI 207 cm-08	520.00
4	1% NaOH solubility	TAPPI 212 om-07	645.00
5	Ethanol-cyclohexane Extractives	TAPPI 204 cm-07	1,430.00
6	Lignin	TAPPI 222 om-06	735.00
7	Holocellulose	TAPPI 9 wd-75	955.00
8	Alpha, beta & gamma cellulose	TAPPI 203 cm-09	1,410.00
9	pH	TAPPI 509 om-88	170.00

II. Chemistry and Biotechnology Laboratory

No.	Test/Analysis	Method	Prescribed Fee
Wood & non-wood			
1	Moisture content*	TAPPI 208 om-94	245.00
2	Ash content*	TAPPI 211 om-93	320.00
3	Hot water extractives	TAPPI 207 om-93	520.00
4	1% NaOH solubility	TAPPI-212 om-88	645.00
5	Ethanol-cyclohexane extractives	TAPPI 204 om-93	1,430.00
6	Lignin	TAPPI 222 om-88	735.00
7	Holocellulose	TAPPI 44:230	955.00
8	Alpha, beta & gamma cellulose	TAPPI 203 cm-09	1,410.00
9	Starch content**	Humphrey&Kelly	490.00
10	Tannin content**	TAPPI Standard	435.00
11	Total sugars**	TAPPI Standard	400.00
12	Total carbohydrates**	TAPPI Standard	400.00
Fats & Oils			
13	Specific gravity	TAPPI Standard	265.00
14	Saponification number*	TAPPI Standard	430.00
15	Iodine number (Wijs method)*	TAPPI Standard	1,220.00
16	Peroxide value*	TAPPI Standard	685.00
17	Free fatty acid number	TAPPI Standard	480.00
Adhesives			
18	Total solids	TAPPI Standard	490.00
19	pH	TAPPI Standard	170.00
20	Volatile matter	TAPPI Standard	490.00
21	Formaldehyde emission	ASTM Standard	3,670.00
		ISO Standard	4,830.00
		JIS Standard	3,180.00

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Other Tests/Services			
22	FT-IR spectral analysis	FT-IR Std Procedure	1,100.00
23	DSC Thermal analysis	DSC Std. Procedure	1,200.00
24	TGA Thermal analysis	TGA Std. Procedure	1,400.00
25	Phytochemical Screening	UST Method (ACTA Manila)	300.00

* fee per phytochemical component

* minimum of 2 samples per test

* minimum of 2 samples per test

** minimum of 3 samples per test

III. Structural Testing Laboratory

No.	Test/Analysis	Method	Prescribed Fee
1	Wall Compression	TAPPI Standard	875.00
2	Wall Shear	TAPPI Standard	875.00
3	Static Bending	TAPPI Standard	875.00

IV. Fire Testing Laboratory

No.	Test/Analysis	Method	Prescribed Fee
1	Fire resistance	ASTM Standard	205.00
2	Fire resistance (fire tube test)	ASTM Standard	12,965.00
3	Impregnation test (any size)	ASTM Standard	5,515.00
4	Panel test	ASTM Standard	5,000.00
5	Pole bending	ASTM Standard	4,310.00
6	Treatability test (4 ft. long)	ASTM Standard	11,485.00

V. Physical & Mechanical Properties Laboratory

No.	Test/Analysis	Method	Prescribed Fee
1	Static bending	ASTM D 143	450.00
2	Comp. parallel to grain	- do -	450.00
3	Comp. Perpendicular to grain	- do -	450.00
4	Shear parallel to grain	- do -	360.00
5	Hardness	- do -	360.00
6	Nail withdrawal	- do -	445.00
7	Screw withdrawal	- do -	450.00
8	Spike holding	- do -	540.00
9	Cleavage	- do -	360.00
10	Tension parallel to grain	- do -	360.00
11	Toughness	- do -	250.00
12	Moisture determination	- do -	315.00
13	Relative density	- do -	315.00
14	Shrinkage	- do -	385.00
15	Comp. hollow blocks	ASTM C 140 - 12	260.00
16	Comp. Concrete cylinder	ASTM C 873 - 04	275.00
17	Comp. pallet	ASTM D 642/ISO 8611 (Part 1-3)	615.00
18	Comp. corrugated boxes-small	PNS ISO 6780:2005	300.00
19	Comp. corrugated boxes-big	ASTM D 642	600.00

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VI. Wood Anatomy Laboratory

No.	Test/Analysis	METHODS	Prescribed Fee
1	SEM analysis	SEM Manual: FEI Inspect S50	3,100.00
2	Fiber analysis	TAPPI 401	3,000.00
3	Wood Identification	IAWA; Standards and Procedures for Description of Dicotyledonous Woods; Wood Identification Handbook for Phil. Timbers v.1&2; Comparison with authentic wood sample	450.00
4	Herbarium Identification	Comparison with existing herbarium samples, identification keys and descriptions from different books, journals and websites.	450.00

VII. Biomass Energy Testing Laboratory

No.	Test/Analysis	METHODS	Proposed Rate
1	Heating value	ASTM 5865	1,320.00
2	Proximate chemical analysis	ASTM 3172	1,660.00



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PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)

I. Organic Chemistry Section, Chemistry Laboratory

No.	Test/ Analysis	Method	Prescribed Fee
Food and Feeds			
1	Ash-Acid Soluble	AOAC	1,000.00
2	Ash-Alkalinity	AOAC	1,100.00
3	Ash-Alkalinity of Water Insoluble	AOAC	1,440.00
4	Ash-Alkalinity of Water Soluble	AOAC	1,320.00
5	Ash-Sulphated	AOAC	1,000.00
6	Ash-Water Soluble & Insoluble	AOAC	1,100.00
7	Benzoic Acid	HPLC	4,400.00
8	Caffeine	HPLC	2,800.00
9	Fatty Acid Profile	GC	2,400.00
10	Histamine	HPLC	3,960.00
11	Moisture	Vacuum Oven/AOAC	420.00
12	Nitrite in meat	HPLC	1,500.00
13	pH	Glass Electrode	325.00
14	Sorbic Acid	HPLC	4,400.00
15	Starch	AOAC	1,200.00
16	Iron	AAS	1,920.00 (initial analyte) + 900.00 (per succeeding analyte)
17	Magnesium	AAS	
18	Manganese	AAS	
19	Zinc	AAS	
20	Copper	AAS	
21	Phosphorus	AAS	1,920.00
22	Vitamin E	HPLC	4,200.00
23	Niacinamide in Juice	HPLC	3,500.00 (initial analyte) + 900.00 per succeeding analyte
24	Vitamin B1	HPLC	
25	Vitamin B2	HPLC	
26	Vitamin B6	HPLC	
27	Vitamin C	HPLC	3,000.00
Sugar and Sugar Products			
28	Free Reducing Sugar	AOAC	850.00
29	Total Solids (% in syrup)	AOAC	480.00
30	Lactose, Purity	HPLC	2,500.00 (initial analyte) + 600.00 per succeeding analyte
31	Fructose, Purity	HPLC	
32	Glucose, Purity	HPLC	
33	Sucrose, Purity	HPLC	
34	Sucrose	AOAC	1,125.00
Vinegar			
35	Alkalinity of Soluble Ash	AOAC	800.00
36	Non-Volatile Acids	AOAC	650.00
37	Permanganate Oxidation Number	AOAC	1,200.00

No.	Test/ Analysis	Method	Prescribed Fee
Fats and Oils			
38	Index of Refraction	AOAC	400.00
39	Iodine Absorption Number	AOAC	600.00
40	Melting Point of Fat/Fatty Acid	AOAC	500.00
41	Moisture/Volatile Matter	AOAC	450.00
42	Saponification Number	AOAC	800.00
43	Specific Gravity	AOAC	500.00
44	Total Vitamin A (Retinol + B-carotene)	HPLC	6,000.00
45	Unsaponifiable Matter	AOAC	1,320.00
46	Viscosity (Brookfield)	AOAC	840.00
Distilled Liquors/Wines/Beer			
47	Ash	AOAC	560.00
48	Ethyl Alcohol	GC	
49	Fusel Oil/Amyl Alcohol	GC	1,800.00 + 800.00 per succeeding analyte
50	Higher Alcohol & Ethyl Acetate	AOAC	
51	Total Aldehydes	AOAC	600.00
52	Scavenging Activity (by DPPH)	HPLC	3,960.00
53	FTIR	FTIR	620.00
54	Antioxidant Activity (as Gallic Acid)	UV-VIS	1,160.00
Organic Chemicals/solvents			
55	Acetone	GC	
56	Benzene	GC	1,800.00 (initial analyte) + 600.00 per succeeding analyte
57	Ethyl Alcohol	GC	
58	Purity	GC	
59	Fusel Oil/Amyl Alcohol	GC	
Disinfectant			
60	Benzalkonium Chloride Content	AOAC	1,200.00
61	pH	Glass Electrode	400.00
62	Viscosity	Brookfield	840.00
Toilet/Laundry Soap			
63	Anhydrous Soap	AOAC	1,440.00
64	Free Alkali (as NaOH or Na ₂ O)	AOAC	720.00
65	Matter insoluble in Water	AOAC	
67	Moisture and Volatile Matter	AOAC	720.00
68	Total Matter Insoluble (Alc + NaCl)	AOAC	1,320.00
Paint & Paint Products			
69	Adhesion	ASTM	375.00
70	Calcium carbonate	ASTM	1,100.00
71	Chemical Resistance (Spot test)	ASTM	400.00
72	Chemical Resistance (Immersion)	ASTM	650.00
73	Chrome Yellow	ASTM	1,300.00
74	Density	ASTM	515.00
75	Dry/Cure Time	ASTM	400.00
76	Dry/Cure Time, No-Pick-Up	ASTM	450.00
77	Fineness of Grind	ASTM	380.00
78	Flexibility	ASTM	400.00
79	Glassbeads Content	JIS	700.00
80	Glassbeads density	JIS	700.00
81	Glassbeads Gradation (wt extrn.)	ASTM	1,250.00
82	Glassbeads Gradation (w/o extrn)	ASTM	500.00
83	Hardness	ASTM	375.00

No.	Test/ Analysis	Method	Prescribed Fee
Paint & Paint Products (continuation)			
84	Pigment & Vehicle Content	ASTM	1,000.00
85	Silver Nitrate	AAS	1,920.00
86	Softening Point	ASTM	870.00
87	Specular Gloss	ASTM	500.00
88	Titanium Dioxide	ASTM	1,300.00
89	Thumbprint Impressions, plain	SIRCHIE	960.00
90	Total Solids, % wt	ASTM	500.00
91	Total Solids, %vol (if requested alone)	ASTM	1,200.00
92	Total Solids, %vol	ASTM	500.00
93	Viscosity, Ford Cup	ASTM	500.00
94	Viscosity (Stormer)	ASTM	500.00
95	Water Content	ASTM	950.00
96	Water Resistance	ASTM	390.00
Adhesives			
97	Total Solids, non volatile content	ASTM	500.00
98	Viscosity	Stormer/ASTM	500.00
Glue			
99	Free Formaldehyde		700.00
100	pH	Glass Electrode	450.00
101	Solid Content		500.00
Fuels & Petroleum Products			
Liquid Fuels/ Lubricants			
102	API Gravity/Specific Gravity/Density	ASTM	700.00
103	Ash, straight	ASTM	670.00
104	Ash, Sulfated	ASTM	840.00
105	C,H,N	Combustion	3,000.00
106	Color	ASTM	450.00
107	Copper Corrosion Test	ASTM	700.00
108	Flash Point	COC	700.00
109	Flash Point	PMCC	700.00
110	Flash Point	TCT	700.00
111	Heating Value	ASTM	1,500.00
112	Kinematic Viscosity	ASTM	800.00
113	Pour Point	ASTM	1,500.00
114	Sulfur	Combustion	2,000.00
115	Total Acid Number (TAN)	ASTM	520.00
116	Total Base Number	ASTM	520.00
117	Viscosity Index	ASTM	1,320.00
118	Water & Sediments	ASTM	840.00
119	Water content	ASTM	840.00
Solid Fuels (charcoal,wood,biomass)			
120	Proximate Analysis	ASTM	1,800.00
121	Ash	ASTM	840.00
122	Moisture	ASTM	450.00
123	Volatile Combustible Matter	ASTM	700.00
124	Fixed Carbon (by difference)		
125	Heating Value	ASTM	1,500.00
126	Sulfur	Combustion	2,000.00
127	Ultimate Analysis: C,H,N	Combustion	3,100.00

No.	Test/ Analysis	Method	Prescribed Fee
Grease			
128	Dropping Point	ASTM	600.00
129	Penetration, Worked	ASTM	650.00
Break fluid			
130	Dry ERBP	ASTM	480.00
131	Kinematic Viscosity @ 100°C	ASTM	800.00
132	pH	ASTM	400.00
133	Specific Gravity	ASTM	700.00
Waxes			
134	Drop Melting Point	ASTM	720.00
135	Penetration Needle	ASTM	720.00
Asphalt			
136	Penetration Needle	ASTM	720.00
137	Softening Point	ASTM	720.00
Natural Products/Essential Oils			
138	Essential Oil Components	GC	1,800.00 (initial analyte) + 600.00 per succeeding analyte
139	Phytochemical test	Pharmacognosy	650.00

II. Inorganic Chemistry Section, Chemistry Laboratory

No.	Test/ Analysis	Method	Prescribed Fee
Water			
1	Arsenic	APHA 22 nd edition HVG-AAS	1,500.00
2	Anions (F, Cl, NO ₂ , NO ₃ , Br, PO ₄ , SO ₄)	Ion Chromatography	1,100.00
3	Chlorine-Residual	Titrimetry	750.00
4	Color (Platinum standard)	Spectrophotometry	700.00
5	Magnesium (by difference)	Titrimetry	700.00
6	Mercury	Atomic Fluorescence	1,550.00
7	Mercury	Spectrophotometry	
8	Nitrogen (Organic)	Cold Vapor AAS	1,500.00
9	Nitrogen, Ammonia-Nitrogen	Kjeldahl	950.00
10	Phosphorus	Distillation/Titration	850.00
11	Silica	Spectrophotometry	750.00
12	Silicon	Gravimetry	800.00
13	Sulfate	Spectrophotometry	800.00
14	Total Solids	Turbidimetry/ Gravimetry	850.00
		Gravimetry	700.00
15	Trace Metals (Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Ag, Na, Zn)	GF-AAS	1,800.00
			1000.00 succeeding element

No.	Test/ Analysis	Method	Prescribed Fee
Chemicals/Assay		Reagent Chemicals/ ASTM	
16	Arsenic	Stain Method	800.00
17	Arsenic	HVG-AAS	1,500.00
18	Assay	Titrimetry	650.00
19	Chloride	Titrimetry	700.00
20	Heavy Metals as Pb	Color Comparison	800.00
21	Insoluble Residue	Gravimetry	600.00
22	pH (liquid)	potentiometric	400.00
23	Specific Gravity	Hydrometer	300.00
24	Specific Gravity	Pycnometer	500.00
25	Sulfate	Turbidimetry	850.00
26	Trace Metals	AAS	1,000.00
Bleaching Powder		ASTM D2022	
27	Available Chlorine	Titrimetry	700.00
28	Alkalinity	Titrimetry	650.00
Plating Solution			
29	Metals (Cd, Cr, Cu, Fe, Mg, Mn, Ni, Pb, Zn, etc)	AAS	880.00
Salt/Sodium Chloride		Reagent Chemicals, AOAC, ASTM	
30	Complete Chemical Analysis (NaCl, Moisture, Water Insolubles, Ca, Mg, SO ₃)	-do-	5,000.00
31	Acid Insolubles	Gravimetry	600.00
32	Calcium	Titrimetry	700.00
33	Iodine	Titrimetry	700.00
34	Magnesium	Titrimetry	700.00
35	Moisture	Gravimetry	650.00
36	Assay, NaCl	Titrimetry	700.00
37	Sulfate	Gravimetry	800.00
38	Water Insolubles	Gravimetry	600.00
Fertilizer		AOAC	
39	Micronutrients (Ca, Cu, Fe, Mg, Mn, Ni, Zn)	AAS	1,000.00
Soil, sediments, sludge		EPA/ASTM	
40	Arsenic	HVG-AAS	1,500.00
41	Metals	AAS	1,000.00
Glazed Ceramics/ Dinnerware/Plastic Containers for Foodstuff		ASTM/British Standard	
42	Leachable/Extractable Metals	GF-AAS/Cold Vapor	2,000.00
Toys/ Other Related Materials		ISO 8124-1997	
43	Leachable/Extractable Metals	GF-AAS/ Cold Vapor	1,800.00
Pipes (uPVC, etc)		ISO 1314-1997 (E)/ PNS 65:1993)	
44	Extractable Metals	GF-AAS	6,400.00
			Succeeding 1,500.00

No.	Test/ Analysis	Method	Prescribed Fee
Clay and Related Materials		JISM 5584/ ASTM	
45	Complete Chemical Analysis (SiO_2 , Fe_2O_3 , Al_2O_3 , TiO_2 , CaO , MgO , Na_2O , K_2O , LOI)	-do-	6,500.00
46	Silica	Double dehydration/gravimetric and colorimetric	1,070.00
47	Manganese Oxide	AAS	900.00
48	Boron Oxide	Titrimetry	1,500.00
49	Extractable Chloride	Argentometric	1,000.00
50	Extractable Ions	Ion Chromatography	1,100.00
Cement (Hydraulic)		ASTM C114	
51	Complete Chemical Analysis (SiO_2 , Fe_2O_3 , Al_2O_3 , TiO_2 , CaO , MgO , SO_3 , LOI, Insoluble Residue)	-do-	5,800.00
52	Alumina	Titrimetry	850.00
53	Silica	Gravimetry	800.00
54	Calcium Oxide	Titrimetry	800.00
55	Insoluble Residue	Gravimetry	700.00
56	Iron Oxide	Titrimetry/AAS	850.00
57	Loss on Ignition	Gravimetry	700.00
58	Magnesium Oxide	Titrimetry	1,100.00
59	Potassium Oxide	AAS/Flame Photometry	800.00
60	Sodium Oxide	AAS/Flame Photometry	800.00
61	Sulfate/Sulfur Trioxide	Gravimetry	930.00
62	Titania	Spectrophotometry	800.00
Limestone, Quicklime, etc		ASTM C 25	
63	Complete Chemical Analysis (SiO_2 , Fe_2O_3 , Al_2O_3 , CaO , MgO , LOI)	-do-	4,500.00
64	Available Lime Index	Titrimetry	650.00
65	Moisture	Gravimetry	600.00
66	Potassium Oxide	AAS/Flame Photometry	800.00
67	Sodium Oxide	AAS/Flame Photometry	800.00
68	Phosphorous Pentoxide (P_2O_5)	Spectrophotometry	1,310.00
Powder Granules		ASTM	
69	Bulk/Packed Density	Gravimetry	450.00
70	pH	potentiometric	400.00
71	Sieve Analysis (one mesh)	Gravimetry	400.00
72	Sieve Analysis (succeeding mesh)	Gravimetry	230.00
Boiler		Technical Methods of Analysis	
73	Moisture	Gravimetry	600.00
74	Organic & Volatile Matter	Gravimetry	650.00
75	Silica	Gravimetry	1,320.00
76	Iron & Aluminum Oxide	Gravimetry/Titrimetry	1,320.00
77	Lime (CaO)	Titrimetry/AAS	650.00
78	Magnesia (MgO)	Titrimetry/AAS	1,100.00
79	Sulfur Trioxide	Gravimetry	930.00
80	Chloride	Titrimetry	700.00
81	Phosphate	Spectrophotometry	800.00

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III. Physical and Performance Testing Laboratory

No.	Test/ Analysis	Method	Prescribed Fee
1	Tensile, SHIMADZU UTM	ASTM D638	600.00
2	Tear, SHIMADZU UTM	ASTM D624	600.00
3	Shear, SHIMADZU UTM	ASTM D1002	600.00
4	Peel, SHIMADZU UTM	ASTM 903	600.00
5	Flexural, SHIMADZU UTM	ASTM D790	600.00
6	Compression, SHIMADZU UTM	ASTM D695	600.00
7	Flattening, SHIMADZU UTM	ASTM D2241	600.00
8	Stiffness Test, SHIMADZU UTM	ASTM D2412	600.00
9	Tensile, INSTRON UTM	ASTM D638	1,000.00
10	Tear, INSTRON UTM	ASTM D624	1,000.00
11	Shear, INSTRON UTM	ASTM D1002	1,000.00
12	Peel, INSTRON UTM	ASTM 903	1,000.00
13	Flexural, INSTRON UTM	ASTM D790	1,000.00
14	Compression, INSTRON UTM	ASTM D695	1,000.00
15	Flattening, INSTRON UTM	ASTM D2241	1,000.00
16	Stiffness Test, INSTRON UTM	ASTM 2412	1,000.00
17	Izod Impact Test	ASTM D256	650.00
18	Melt Flow Rate	ASTM D1238	1,000.00
19	Vicat and Heat Deflection Test	ASTM D256, D648	1,000.00
20	Density Determination (Density Meter)	ASTM D792	450.00
21	Aging of Samples using Oven (per hour)	Oven	50.00
22	Load Testing	ISO 4310	3,000.00
23	Hydrostatic Stability Test	ISO1167	1,500.00
24	Hardness Test	ASTM D2240/ ISO 868	250.00
25	Bursting of Sack	ASTM D3786 (Adapted)	450.00
26	Fabric Count of Sack	ASTM D3775 (Adapted)	200.00
27	Abrasion (Rubber)	ASTM D4060	1,500.00
28	Abrasion (Plastic)	ASTM D4060	2,000.00
29	Thickness Test	ASTM D2103	200.00
30	Dimension Test	ASTM D2103	200.00
31	Water Absorption	ASTM D570	350.00
		ISO2508	1,000.00
32	Chemical Immersion	ASTM D 543	350.00

IV. Microbiology Section, Biological Laboratory

No.	Test/ Analysis	Method	Prescribed Fee
1	Antimicrobial Activity, Antifungal Activity	Disc Diffusion, USP 2007	600.00
2	Media Quality Control – Growth Promoting and Inhibitory Properties	USP 2007	1,600.00

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: METALS INDUSTRY RESEARCH AND DEVELOPMENT CENTER (MIRDC)

I. MECHANICAL METALLURGY LABORATORY

No.	Test/ Analysis	Method	Prescribed Fee
1	TENSION TEST USING 2000KN UTM		
1.1	Plates/Cylinders/Rebars ($\leq 1000\text{mm}^2$)	ASTM A370; ASTM E8; ASME IX; ISO 6892; JIS Z2241; AWS D1-1; BS 709; ASTM B557	205.00
1.2	Tension 1000-1500 mm ²		335.00
1.3	Tension $\geq 1500\text{ mm}^2$		670.00
1.4	Bolts (Axial/Wedge)	ASTM A370; ASTM F606	375.00
1.5	Guy Wires	In-house	390.00
2	TENSION TEST USING 50KN UTM		
2.1	Sheets/Plates/Rebars (upto 10mm $\varnothing$ /8mm thick)	ASTM A370; ASTM E8; ASME IX; ISO 6892; JIS Z2241; AWS D1-1; BS 709; ASTM B557	390.00
2.2	Bolts (Axial/Wedge)	ASTM A370; ASTM F606	390.00
3	BEND TEST		
3.1	Plates/Cylinders/ Rebars	ISO 7438; ASME IX, AWS D1.1	190.00
4	Variation In Mass	PNS 49; PNS 211; ASTM A615; ASTM A706; JIS G3112	50.00
5	Deformation Measurement		50.00
6	HARDNESS TEST		
6.1	Rockwell, 5 indentations	ASTM E 18	140.00
6.2	Brinell, 2 indentations	ASTM E 10	180.00
6.3	Vickers, 5 indentations	ASTM E 92	240.00
6.4	Micro Vickers, 1 indentation	ASTM E 384	270.00
6.5	Microdur, 5 indentations	ASTM A 1038	180.00
7	COMPRESSION TEST		
7.1	Using 2000kN UTM	In-house	355.00
7.2	Using 50kN UTM	In-house	375.00
8	PROOFLOAD/ BREAKING LOAD		
8.1	Manhole Cover/Grating	In-house	1,250.00
8.2	Clevis Assembly	In-house	1,325.00
8.3	Turn Buckle upto 2" $\varnothing$	In-house	745.00
8.4	Turn Buckle >2" $\varnothing$	In-house	1,480.00
8.5	Wire Rope/Cable Wires $\geq 1\frac{1}{2}"$	In-house	1,250.00
8.6	Small Samples (<15 kg)	In-house	355.00
8.7	Big Samples ($\geq 15 - 35\text{kg}$)	In-house	665.00
8.8	Heavy Samples (> 35 kg)	In-house	1,550.00
8.9	7 Wire Strands	In-house	1,250.00

No.	Test/ Analysis	Method	Prescribed Fee
9	FLATTENING/ TRANSVERSE TEST		
9.1	Using 2000kN UTM	PNS 26; ASTM A530; ASTM	195.00
9.2	Using 50kN UTM	A450, ASTM 438	330.00
10	SHEAR TEST		
10.1	Using 2000kN UTM	In-house	375.00
10.2	Using 50kN UTM	In-house	390.00
11	DEFLECTION TEST		
11.1	Using 2000kN UTM	In-house	390.00
11.2	Using 50kN UTM	In-house	430.00
12	IMPACT TEST		
12.1	Low/ Room Temperature	ASTM E23; BS 709; ASTM A370	540.00
13	COMPLETE PHYSICAL TESTS FOR WIRES		
13.1	Tension Test using 50kN UTM		335.00
13.2	Physical Appearance		125.00
13.3	Dimensional Test		300.00
13.4	Torsion Test	PNS 113	225.00
13.5	Winding Test		225.00
13.6	Dimensional Tests for Nails		350.00
14	COMPLETE PHYSICAL TESTS FOR ANGLE BARS		
14.1	Tension Test using 2000kN UTM	PNS 657	205.00
14.2	Tension Test using 50kN UTM	PNS 657	390.00
14.3	Dimensional Test	PNS 657	230.00
14.4	Out-of-Square Test	PNS 657	205.00
14.5	Test on Camber	PNS 657	185.00
14.6	Variation in Mass	PNS 657	50.00
15	Nick Break Test / Fracture Test	ASME IX	810.00
16	BURST TEST		
16.1	2 piece Cylinder		1,550.00
16.2	3 piece Cylinder		3,500.00
17	AIR LEAK TEST	PNS 03, PNS 04	
17.1	2 piece Cylinder		1,600.00
17.2	3 piece Cylinder		2,500.00
18	HYDROSTATIC TEST		
18.1	2 piece Cylinder	PNS 03, PNS 04, ASTM A53, ASTM A 530	3,650.00
18.2	3 piece Cylinder		4,750.00

No.	Test/ Analysis	Method	Prescribed Fee
19	SAMPLE PREPARATION		
19.1	Notching		125.00
19.2	Grinding Cost		85.00
19.3	Oxy-Acetylene Cutting		50.00
20	SECTIONING COST		
20.1	Up to To 1 In2		160.00
20.2	1 To 4 In2		220.00
21	PHOTO PRINT		80.00

II. NON-DESTRUCTIVE TESTING LABORATORY

No.	Test/ Analysis	Method	Prescribed Fee
1	RADIOGRAPHIC TESTING		
1.1	X-Ray (3.5"x17") at thickness, mm		
1.1.1	≤10mm Thick		540.00
1.1.2	>10 - 25mm Thick		570.00
1.1.3	> 25 - 35mm Thick		620.00
1.1.4	> 35 - 50mm Thick	ASTM E94; ASTM E186; ASME IX -1995; AWS D1.1 Sec. VIII; ASTM E446	660.00
1.2	X-Ray (14"x17") at thickness,		
1.2.1	≤10mm Thick		1,140.00
1.2.2	>10 - 25mm Thick		1,165.00
1.2.3	> 25 - 35mm Thick		1,190.00
1.2.4	> 35 - 50mm Thick		1,230.00
2	ULTRASONIC TESTING		
2.1	Per Linear Foot	ASTM E114; ASTM E587; ASTM 797; AWS D1.1 SEC IX; ASME V; AWS D1.1 SEC VIII	385.00
2.2	Per Square Foot		420.00
3	Thickness Gaging	ASTM E797	60.00
4	LIQUID PENETRANT TESTING		
4.1	VISIBLE		
4.1.1	Per Square Foot	ASTM E165; ASME V SEC. 6; ASTM E1220	370.00
4.1.2	Per Linear Foot		360.00
4.2	FLUORESCENT		
4.2.1	Per Square Foot	ASTM E1219; ASME V ART. 24	420.00
4.2.2	Per Linear Foot		370.00
5	MAGNETIC PARTICLE TESTING (MT)		
5.1	WET-VISIBLE		
5.1.1	Per Linear Foot	ASTM E709 ASTM E1444; ASME V, ART. 7,25	380.00
5.1.2	Per Square Foot		410.00
5.2	FLUORESCENT		
5.2.1	Per Linear Foot	ANSI/AWS D1.1	390.00
5.2.2	Per Square Foot		430.00

III. PHYSICO-CHEMICAL LABORATORY

No.	Test/ Analysis	Method	Prescribed Fee
1	CARBON/SULFUR		
	1.1 in Ferrous/Nonferrous	Combustion Infrared Absorption	650.00
	1.2 in Powder	Combustion Infrared Absorption	650.00
	1.3 in Tin/Solder Flake	Combustion Infrared Absorption	700.00
2	ALUMINUM in Ferrous/Nonferrous	Flame AAS	670.00
3	ANTIMONY in Nonferrous		
	3.1 Conc. < 5%	Flame AAS	670.00
	3.2 Conc. > 5%	Titration	680.00
4	BISMUTH in Nonferrous	Flame AAS	670.00
5	CADMIUM in Nonferrous	Flame AAS	670.00
6	CHROMIUM		
	6.1 in Ferrous/Nonferrous	Flame AAS	670.00
	6.2 in Stainless Steel/ Cast Iron/ Tool Steel	Titration	840.00
	6.3 in Chrome Ores/ FeCr	Titration	1630.00
7	COBALT in Nonferrous	Flame AAS	670.00
8	COPPER		
	8.1 in Ferrous/Nonferrous	Flame AAS	670.00
	8.2 in Hi-purity Cu/ Cu Based/ Cu-Ni/ Ni-Cu Alloy	Electrolytic	1085.00
9	IRON		
	9.1 in Nonferrous	Flame AAS	670.00
	9.2 in Fe Ore	Titration	1280.00
	9.3 in Al-based Alloy	Flame AAS	670.00
10	Lead		
	10.1 in Ferrous/ Nonferrous	Flame AAS	670.00
	10.2 in Pb-based. Pb-Sn & Cu-based	Gravimetric	1140.00
11	MAGNESIUM	Flame AAS	670.00
12	MANGANESE in Ferrous/Nonferrous		
	12.1 in Ferrous/Nonferrous	Flame AAS	670.00
	12.2 in Mn Steel/ FeMn/ Mn Ore	Titration	1620.00
13	MOLYBDENUM		
	13.1 in Steels	Photometric	1530.00
	13.2 in Cast Iron	Photometric	1730.00
14	NICKEL		
	14.1 in Ferrous/Nonferrous	Flame AAS	670.00
	14.2 in Ni-based Alloy, SS, Cu-Ni & Ni-Cu Alloy	Gravimetric	1120.00

No.	Test/ Analysis	Method	Prescribed Fee
15	PHOSPHORUS		
	15.1 in Ferrous	Photometric	1,160.00
	15.2 in Cu-based Alloy	Photometric	1,100.00
16	SILICON in Ferrous/Nonferrous	Gravimetric	1,130.00
17	SILVER		
	17.1 in Nonferrous	Flame AAS	670.00
	17.2 in Ag-Brazing Alloy & Cu Alloy	Gravimetric	1,160.00
18	TIN		
	18.1 in Ferrous/Nonferrous	Flame AAS	670.00
	18.2 in Solders, Pb-based, Cu-based	Titration	725.00
19	TITANIUM in Ferrous/Nonferrous	Photometric	730.00
20	VANADIUM in Steel/Cast Iron	Flame AAS	670.00
21	ZINC in Nonferrous	Flame AAS	670.00
22	MOISTURE		320.00
23	PROXIMATE ANALYSIS		770.00
24	OES ANALYSIS		
	24.1 Ferrous	Spark OES	3,550.00
	24.2 Nonferrous	Spark OES	3,900.00

IV. CORROSION LABORATORY

No.	Test/ Analysis	Method	Prescribed Fee
1	Bend Test		240.00
2	Impact Test		300.00
3	Tape Test		215.00
4	Pencil Test		250.00
5	SALT SPRAY TEST		
5.1	per 8 hrs		1,180.00
5.2	per 24 hrs		2,410.00
5.3	per 24 hrs (Sat/Sun/Holiday)		3,060.00
5.4	additional sample		300.00
6	CASS TEST		
6.1	per 8 hrs		1,215.00
6.2	per 24 hrs		2,600.00
6.3	per 24 hrs (Sat/Sun/Holiday)		3,030.00
7	THICKNESS OF COATING		
7.1	by Stripping		
7.1.1	GI Sheets		355.00
7.1.2	Pre-coated Sheets		450.00
7.1.3	Wires		420.00
7.2	Micrometer Method		480.00

No.	Test/ Analysis	Method	Prescribed Fee
8	WEIGHT OF ZINC COATING		
8.1	Average or Single Spot		
8.2	GI Sheets		430.00
8.3	Pre-coated GI Sheets		540.00
8.3.1	GI Pipes		
8.3.2	<100 mm dia.		550.00
8.3.3	100-150 mm dia.		680.00
8.3.4	151-200 mm dia.		800.00
8.4	GI Wires		420.00
8.5	Triple Spot		
8.5.1	GI Sheets		520.00
8.5.2	Pre-coated GI Sheets		590.00
9	pH		300.00
10	Specific Gravity		250.00




PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE (PNRI)**

I. NUCLEAR AND RELATED ANALYTICAL SERVICES

No	Test/Analysis	Method	Prescribed Fee	Remarks
1	All types Gamma Activity (Cs-137, Cs-134, K-40)	Gamma Spectrometry for 3 RNs, 1 hour counting	2,400.00	additional fee for samples that need to be chopped and homogenized
		per additional RN	200.00	
		per additional hour counting	1,600.00	
		certification	600.00	
		Sample Preparation	250.00	
2	Water Gross Alpha and Beta Activity	Liquid Scintillation Counting		For freshwater only. If preliminary counting yields detectable activity equilibration for 1 mo is needed
			4,700.00	1 st sample
			2,300.00	Succeeding sample (max of 4)
3	Water Radon	Liquid Scintillation Counting	4,700.00	Submission of samples in close coordination with analyst
4	Vinegar C-14 in acetic acid	Liquid Scintillation Counting of Acetic Acid isolated from vinegar (includes isolation cost)	16,000.00	single sample
5	Water Tritium (ultra low level)	Liquid Scintillation Counting with electrolytic enrichment per sample	10,000.00	a minimum of 16 samples can be processed at one time
6	Liquid H-3, C-14, Cl-36, Am- 241, Cerenkov Chemiluminescence qualitative)	Direct Liquid Scintillation counting		
			2,600.00	1st sample/RN/hr
			1,500.00	succeeding sample (max of 4)
			1,500.00	per add'l RN
			700.00	per add'l hr counting
			700.00	For low level activity use of LSC (1st hour)
7	Solids Multi-element analysis Na to U	X-RAY FLOURESCENCE SPECTROMETRY		
		Sample Preparation for XRF Analysis		
		1. SPEX 8000 Mixer/Mill	320.00	
		2. SPEX 3630 Automated X-Press	400.00	
		3. Micro Hammer-Cutter Mill 5200	625.00	
		4. 6700 Freezer Mill	1,200.00	

No.	Test/Analysis	Method	Prescribed Fee	Remarks
8	Solids in appropriate form Multi-element analysis Na to U	EDXRF Analysis with secondary target 1. Qualitative Analysis without sample preparation	1,350.00 600.00	10 working days allowance for queuing of samples but results may be released earlier 1st sample (per batch of 10) succeeding sample (per batch of 10)
9	Solids in appropriate form Multi-element analysis Na to U	2. Quantitative Analysis	2,900.00 1,100.00	allowance for queuing of samples but results may be released earlier 1st sample (per batch of 10) succeeding sample (per batch of 10)
10	Air particulates on air filters Multi-element analysis Na to U	3. Elemental Analysis of Air Particulates on Filter Medium	5,200.00 2,200.00	1st sample (per batch of 10) succeeding sample (per batch of 10)
11	Liquid, Dried on filters Multi-element analysis Na to U	4. Elemental Analysis of Liquid Samples Dried on Filters	6,700.00 2,000.00	1st sample (per batch of 10) succeeding sample (per batch of 10)
12	Water Stable Isotopes	Continuous Gas Flow Isotope Ratio Mass Spectrometry	2,900.00	per sample (minimum of 10 samples per job order)
13	Air particulates on air filters Particulate Mass	Micro Weighing	250.00 120.00	offered only in tandem with XRF analysis of air particulate on filters 1st sample Succeeding sample (max 9)
14	Water F, Cl, Br, SO ₄ , NO ₃	Anion Analysis by Ion Chromatography	3,100.00 850.00	offered only in tandem with isotopic investigations in water 1st sample succeeding sample (max of 9)
15	Water Na, K, Mg, Ca	Cation Analysis by Ion Chromatography	3,100.00 850.00	offered only in tandem with isotopic investigations in water 1st sample succeeding sample (max of 9)
16	Air particulates on air filters Black Carbon	Reflectometry	410.00 160.00	1st sample succeeding sample (max of 9)

No.	Test/Analysis	Method	Prescribed Fee	Remarks
17	Air particulates on quartz air filters	Total Reflectance/Transmittance	1,500.00	1st sample
	Organic Carbon/elemental Carbon		610.00	succeeding sample (max of 9)
BIOMED				
	Medical Products	Bioburden test		
18	Microbiological bio burden	- Method 1 (30 samples)	15,000.00	Per test
		- Method 3 (10) samples	5,000.00	Per test
		Sterility Test		
		- Method 1 (100 samples)	10,000.00	Per test
		- Small sample	600.00	Per sample
		- Big sample	1,000.00	Per sample
19	Blood Chromosomal aberration	Cytogenetics test	1,750.00	Per test
20	Any sample	Certification of analysis /results	600.00	Per certificate
21	Powder Form Collection of XRD Data	Xray Diffraction (XRD)	2,300.00	1st sample/hr run
			600.00	per additional hr/sample
22	Solid form	Atomic Absorption Analysis	800.00	

II. RADIOTRACER TECHNIQUES SERVICES

No.	Test/Analysis	Method	Prescribed Fee	Remarks
1	Column Scanning	Gamma Scanning	125,000.00	Per 3 day test + TC and accommodation as applicable
2	Interface Marking	Neutron Backscatter Interface Marking	35,000.00 60,000.00	Per additional day Per two day test + TC and accommodation as applicable
3	Scanning	Rental of Cobalt 60 source for Scanning	10,000.00 25,000.00	Per additional day Source rental per 3 day. Accompanying personnel required
4	Interface Marking	Rental for Am-Be Neutron With Neutron Backscatter Gage	5,000.00 85,000.00 10,000.00	Per additional day Source and equipment rental per 3 days, with accompanying personnel Per additional day

III. GAMMA IRRADIATION SERVICES

No.	Test/Analysis	Method	Prescribed Fee	Remarks
1	Irradiation	Gamma Cell - 220	90.00	Per load-hr
		Irradiation	20.00	Per additional hour or fraction
2	Dose less than 0.1 kGy	Multipurpose Gamma	2,500.00	per load
		Irradiation	2,200.00	Minimum charge per load
3	Dose 0.1 to less than 1 kGy	Multipurpose Gamma	3,500.00	per load
		Irradiation	3,000.00	Minimum charge per load
4	Dose 1 kGy to less than 3 kGy	Multipurpose Gamma	10,000.00	per load
		Irradiation	7,500.00	Minimum charge per load
5	Dose 3 kGy to less than 6 kGy	Multipurpose Gamma	15,000.00	per load
		Irradiation	10,000.00	Minimum charge per load
6	Dose 6 kGy to less than 25 kGy	Multipurpose Gamma	20,000.00	per load
		Irradiation	15,000.00	Minimum charge per load
7	Dose 25 kGy	Multipurpose Gamma	25,000.00	per load
		Irradiation	20,000.00	Minimum charge per load
8	Test Irradiation (small packs)	Multipurpose Gamma	3,000.00	Per set of 3 doses
		Irradiation	1,000.00	Per additional dose
9	Dose Mapping and other samples	Multipurpose Gamma Irradiation	5,000.00	Per product load

IV. RADIATION PROTECTION SERVICES

No.	Test/Analysis	Method	Prescribed Fee	Remarks
1	OSL Personnel dosimetry	Rental and evaluation	300.00	Per unit/monitoring +
		Evaluation	225.00	courier fee
2	TLD Personnel dosimetry	Rental and evaluation	300.00	With MOA
				Per unit/monitoring + courier fee
3	Radiation Monitoring	Area monitoring and hazards evaluation	5,000.00	With MOA
				Per day, Client to provide transportation + accommodation as needed
4	Leak Testing (PNRI)	Radioactive contamination measurement of sealed sources	1,500.00	Per unit
				+P900.00/succeeding unit
4	Leak Testing (MM)		3,200.00	Per unit
				+P900.00/succeeding unit
4	Leak Testing (outside MM)		4,900.00	Per unit
				+P900.00/succeeding unit
5	Swipe Test Analysis			+ TC + accommodation needed
			1,200.00	Per batch of 5 samples per unit

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No.	Test/Analysis	Method	Prescribed Fee	Remarks
	Personal Dosimeter	Calibration	1,200.00	Per unit
	Survey Meter	Comparison with known dose using a reference radioactive source or reference instrument following ISO standards	1,850.00	Per unit + fresh batteries
	Contamination Meter		1,950.00	Per unit + fresh batteries
6	Activity Meter		5,000.00	Per day, Client to provide transportation + accommodation as needed
	Brachytherapy (MM)		6,500.00	
	Brachytherapy -outside MM		8,400.00	
	Teletherapy (MM)		7,000.00	
7	Teletherapy (outside MM)		8,100.00	
	Solid waste Compactible	Collection, conditioning and storage of radioactive wastes and disused sources	3,700.00	Per 0.1 cu m or fraction thereof
	Solid waste non compactible		5,800.00	Per 0.1 cu m or fraction thereof
	Liquid Waste		2,600.00	Per liter
8	Spent sealed sources			
	Small sources in 200 L drum		12,500.00	Per drum conditioning
	Teletherapy brachytherapy (Cat 1&2) sources)		60,000.00	Per unit source
	Rental of survey meter		2,400.00	Per week with contract
9	Storage of RAM (day)			With contract
	1 week storage		2,800.00	With contract
	1 month storage		10,000.00	With contract
10	Rental, Density Gage		55,000.00	Per unit/6 months w/ contract

V. NUCLEAR TRAINING CENTER

No.	Course Title	Method	Prescribed Fee	Remarks/ Justification
1.	Radiation Safety Course (2 days)	Lectures	2,500.00	
	Other Courses (2 days)			
2.	Radiation Safety Course (3 days)	Lectures	3,500.00	
	Safety in the Use of Nuclear Equipment and Devices Training	Lectures and Laboratory Exercises	5,500.00	
3.	Course (5 days)			
	Other courses (5 days)			
	Radiation Safety Course for Medical and	Lectures and Laboratory Exercises	10,000.00	
4.	Radiopharmaceutical Facilities (10 days or 2 weeks)			
	Radioisotope Techniques Training	Lectures and Laboratory Exercises	15,000.00	
5.	Course - Medical (20 days or 4 weeks)			
	Other Courses (20 days or 4 weeks)			

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VI. INSTRUMENT REPAIR SERVICES

No.	Test/Analysis	Method	Prescribed Fee	Remarks
1	Diagnostic		600.00	Per instrument
	Repair		1,500.00	Basic charge per instrument + cost of spare parts
2			500.00	Per additional hour/instrument

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PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
CHEMICAL TESTING LABORATORY			
COLORFASTNESS			
1	Crocking (Rubbing) for fabrics	ISO 105-X12 AATCC 8	210.00
2	Crocking (Rubbing) for mats/carpets	JIS L 0849	830.00
3	Crocking (Organic Solvent)	ISO 105-D02 JIS L 0862	250.00
4	Chlorine Bleach	AATCC 188	1,225.00
5	Non-Chlorine Bleach	AATCC 172	1,140.00
6	Dry Cleaning	ISO 105-D01 JIS L 0860	700.00
	per additional color		350.00
7	Hot Pressing	AATCC 133	460.00
8	Laundering	ISO 105-C06 AATCC 61 JIS L 0844	515.00
	per additional color		155.00
9	Laundering with Chlorine	ISO 105-C06 AATCC 61 JIS L 0844	835.00
	per additional color		170.00
10	Perspiration	ISO 105-E04 AATCC 15 JIS L 0848	545.00
	per additional color		165.00
11	Spotting (Acid)	ISO 105-E05 AATCC 6 JIS L 0851	180.00
	per additional color		55.00
12	Spotting (Alkali)	ISO 105-E06 AATCC 6 JIS L 0852	180.00
	per additional color		50.00
13	Spotting (Perchloroethylene)	AATCC 157	190.00
	per additional color		50.00
14	Spotting (Water)	ISO 105-E07 AATCC 104 JIS L 0853	175.00
	per additional color		50.00
15	Water (Distilled)	ISO 105-E01 AATCC 107 JIS L 0846	810.00
	per additional color		255.00
16	1st 10,000 cycles	ISO 105-E08 JIS L 0845	250.00
	per additional color		120.00
17	Water (Sea)	ISO 105-E02 AATCC 106 JIS L 0847	840.00
	per additional color		255.00
WETTING/ABSORBENCY			
18	Absorbency	AATCC 79	250.00
19	Water Repellency: Spray Test	AATCC 22	290.00

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
20	Water Resistance: Impact Penetration	AATCC 42	365.00
21	Water Resistance: Rain Test	AATCC 35	415.00
OTHER TESTS			
22	Ash Content	AATCC 78	2,715.00
23	Dye Class Identification	JIS L 1085	835.00
	per additional color		420.00
24	Formaldehyde Content	PTRI 80	1,470.00
	per additional sample		635.00
25	Moisture Content	ASTM D 2495	600.00
26	pH Value	AATCC 81	535.00
27	Solid Content	Oven Method	600.00
28	Sugar Content (1-3 samples)	Perkin's Method	1,645.00
29	Oil Content	ASTM D 2257	1,400.00
30	Total Cellulose Content	TAPPI Standard Method T13M	1,255.00
31	Gum Content	TAPPI Standard Method T13M	1,105.00
32	Total Pile Weight (Coated)	ASTM D 5848	1,735.00
33	Fiber Identification	AATCC 20 JIS L 1030	
	Woven (1-2 colors)		955.00
	per additional color/fiber		530.00
	Yarn/Knitted/Nonwoven (1-2 Colors)	AATCC 20 JIS L 1030	645.00
	per additional color/fiber		270.00
34	Fiber Composition	ISO 1833; 5088 AATCC 20A ASTM D278 JIS L 1030	
	without nonfibrous Extraction (1-2 fibers)		1,445.00
	per additional fiber		725.00
	Woven, Method B (3 fibers)		2,175.00
	Woven, Method C (2-3 Fibers)		3,610.00

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
34 (Cont.)	Woven, Method D (2-3 Fibers)	ISO 1833; 5088 AATCC 20A ASTM D276 JIS L 1030	4,965.00
	Yarn/Knitted/Nonwoven, Method E: Point-Counting		1,860.00
35	Purity Acetic Acid	Titration Method	615.00
36	Mercerization in Cotton	AATCC 89	830.00
37	Phenolic Yellowing	ISO 105-X18	1,110.00
38	Hydrogen Peroxide Determination	AATCC 102	1,670.00
39	Viscosity	Ostwald Method	695.00
40	Color Difference	Equipment Manual	340.00
41	% Reflectance	Equipment Manual	340.00
42	Whiteness	Equipment Manual	340.00
43	Yellowness	Equipment Manual	340.00
44	Color Quality	Equipment Manual	340.00
45	Visual Color Evaluation (Viewing Cabinet)	AATCC EP 1	55.00
46	Visual Color Evaluation (AATCC Gray Scale for Change in Color) per color	AATCC EP 1	130.00
PHYSICAL TESTING LABORATORY			
FIBERS			
47	Crimp Frequency	ASTM D 3937	635.00
48	Fiber Fineness (man-made)	ASTM D 1577	545.00
49	Fiber Fineness (natural)	ASTM D 1577	1,580.00
50	Numerical Mean Length	British Handbook No. 11	525.00
51	Tensile Strength (Natural Fibers)	ASTM D 1294	2,310.00
52	Tensile Strength (Flat Bundle Method)	ASTM D 1445	335.00

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
53	Cotton Grade	Eqpt. Manual	385.00
YARNS			
54	Abrasion Resistance	Eqpt. Manual	775.00
55	Actual Length (1st 5,000 meters)	ASTM D 204	690.00
	Additional 1,000 meters		245.00
56	Number of Filaments	Direct Measurement	320.00
57	Shrinkage		
	Boiling	ASTM D 204	540.00
	Oven	ASTM D 2259	690.00
58	Strength and Elongation		
	Single Strand	ASTM D 2256	645.00
	Skein	ASTM D 1578	645.00
59	Tensile Strength and Elongation (Ropes, cables, cords, straps)	ASTM D 2256	840.00
60	Twist		
	Combination	ASTM D 1423	760.00
	Ply	ASTM D 1422	370.00
	Single	ASTM D 1423	630.00
61	Yarn Number (Skein)	ASTM D 1907	350.00
FABRICS			
62	Abrasion Resistance (Flex)	ASTM D 3885	
	1st 10,000 cycles		810.00
	Add'l. 5,000 cycles		360.00
63	Abrasion Resistance (Martindale)	ASTM D 4966	
	1st 10,000 cycles		740.00
	Add'l. 5,000 cycles		350.00
64	Abrasion Resistance (Taber)	ASTM D 3884	
	1st 10,000 cycles		750.00
	Add'l. 5,000 cycles		330.00
65	Air Permeability	ASTM D 737 9237 ISO	560.00
66	Bow/Skewness	ASTM D 3882	420.00
67	Breaking Force/Strength		
	Grab	ISO 13934-2 ASTM D 5034	630.00

PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
67 (Cont.)	Cut Strip	ISO 13934-1 ASTM D 5035	735.00
	Raveled Strip	ISO 13934-1 ASTM D 5035	1,050.00
68	Bursting Strength	ISO ASTM D 3786	570.00
69	Colorfastness to Light	AATCC 16 ISO 105-B02	2,100.00
70	Colorfastness to Actual Laundering	AATCC 135	
	Front loading		770.00
	Top loading		580.00
71	Colorfastness to Weathering	ISO 105-B04	2,100.00
72	Cover Factor	IWS 169	540.00
73	Dimensional Change (Front Loading)	ISO 6330	
	One cycle w/ measurement		770.00
	Add'l cycle w/ measurement		630.00
	Add'l. Cycle w/o meas.		490.00
74	Dimensional Change (Top Loading)	AATCC 135	
	One cycle w/ measurement		565.00
	Add'l cycle w/ measurement		565.00
	Add'l. Cycle w/o meas.		410.00
75	Distance of Weave Repeat	Direct Measurement	215.00
76	Fabric Count/	ASTM D 3887	225.00




PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
77	Number of Threads/unit length	ISO 7211/2 ASTM D 3775	225.00
78	Fabric Weight/Mass Per Unit Area	ISO 3801 9073-1 ISO ASTM D 3776	250.00
79	Fabric Width	ASTM D 3774	215.00
80	Flammability		
	45 deg	ASTM D 1230	815.00
	Horizontal	US MVSS 302	1,025.00
	Vertical	ASTM D 6413	1,035.00
81	Peel Strength	ASTM D 1876	630.00
82	Pilling Resistance	JIS L1076	
	ICI Box	ISO 12945-1	830.00
	Random Tumble	ASTM D 3512	645.00
83	Resistance to Yarn Slippage	ASTM D 1683	630.00
84	Seam Breaking Strength/ Seam Slippage	ASTM D 1683	630.00
85	Snagging Resistance (Mace)	ASTM D 3939	465.00
86	Stiffness	ASTM D 1388	840.00
87	Stitch Density	IWS 229	535.00
88	Stitch Length	IIC-Starfish 3	575.00
89	Streak Analysis	Eqpt. Manual	675.00
90	Tearing Strength		
	Elmendorf	ASTM D 1424	395.00
	Tongue	ASTM D 2261	1,505.00
	Trapezoid	ASTM D 5587	835.00
91	Thickness	ISO 5084 ASTM D 1777	325.00
92	Type of Weave or Knit	ISO 3572	220.00
93	Wrinkle Recovery		
	Angle	ISO 2313	
	Appearance	ISO 9867 AATCC 128	600.00
94	Yarn Number (Short Length)	ISO 7211/5 ASTM D 1059	580.00
GARMENTS			
95	Care Label Recommendation	ASTM D 3938	215.00
96	Dimensional Change (Front Loading)		
	One cycle w/ measurement	ISO 3759 / ISO 6330	770.00
	Add'l cycle w/ measurement		630.00
	Add'l. Cycle w/o meas.		490.00




PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
97	Dimensional Change (Top Loading)	AATCC 150	
	One cycle w/ measurement		565.00
	Add'l cycle w/ measurement		565.00
	Add'l. Cycle w/o measurement		410.00
98	Garment Weight	Direct Measurement	265.00
CARPETS			
99	Construction	ASTM D 418	215.00
100	Number of Binding Sites	ASTM D 5793 IWS 139 IWS 140	525.00
101	Pile Height	IWS 20	215.00
102	Pile Weight Density Factor	IWS 128	640.00
103	Shrinkage		840.00
104	Shorn Pile Weight		840.00
105	Total Pile Weight (Uncoated)	ASTM D 5848 IWS 21	640.00
106	Tuft Density	IWS 140	530.00
107	Tuft Withdrawal Force	IWS 202	645.00
GEOTEXTILES			
108	Apparent Opening Size	ASTM D 4751	495.00
109	Breaking Strength		
	Grab Method	ASTM D 4632	775.00
	Toughness	ASTM D 4632	775.00
110	CBR Puncture	ISO 12236 ASTM D 6241	2,180.00
111	Mass Per Unit Area	ASTM D 5261	350.00
112	Tearing Strength (Trapezoid)	ASTM D 4533	880.00
113	Tensile Strength (Geogrids/Geonets)		2,325.00
114	Tensile Strength (Wide-Width)	ASTM D 4595	2,180.00
115	Thickness	ASTM D 5199	420.00
116	Water Permittivity	ASTM D 4491 ISO 11058	550.00
NONWOVENS			
117	Breaking Force/Strength (Cut Strip)	ASTM D 5035	775.00
118	Breaking Strength (Grab)	ASTM D 5034	775.00

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PRESCRIBED FEES FOR DOST TESTING SERVICES

AGENCY: PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)

No.	Test/ Analysis	Method	Prescribed Fee
119	Mass Per Unit Area	ISO 9073-1 ASTM D 6242	350.00
120	Stiffness	ASTM D 5732	840.00
121	Tearing Strength		
	Tongue Method	ASTM D 5735	1,505.00
	Trapezoid	ASTM D 5733 ISO 9073-4	835.00
122	Thickness	ISO 9073-2 ASTM D 5729	420.00
123	Additional Copy of Test Report		60.00
124	Witnessing of Test/person/test		210.00
125	Raw Data Print Out (copy)		60.00
126	Evaluation of Test Report		140.00

