

FNRI SERVICE LABORATORY

FOR FOOD, WATER AND BIOLOGICAL SAMPLES

STEP 1

Customer Inquiry/ **Request for Quotation**



contact.sl.fnri@gmail.com

Direct Line: 8512-3077 or 0920-2815853

Trunk Line: 8837-8113

local 310 (Chemical and Microbiological Laboratory)

local 311 (Biochemical Laboratory)

Analyte	Method	Testing Fee (Php)
Moisture	Gravimetric (Food) Gravimetric (Fats and Oils)	400 450
Total Fat	Acid Hydrolysis	1,100
Crude Fat	Solvent Extraction	960
Crude Protein	Kjeldahl	1,000
Ash	Gravimetric	550
Total Dietary Fiber	Enzymatic, AOAC	7,200
Total Carbohydrate & Energy	By computation from proximate analyses	180
Total Sugars (total reducing)	Lane & Eynon	1,100
Sugar Profile	(Sample Preparation)	1900
Fructose	HPLC	600°
Glucose	HPLC	600"
Sucrose	HPLC	600°
Maltose	HPLC	600°
Lactose	HPLC	600*
Minerals	OR STATE OF THE OWNER,	1,020
Vinerais Sodium	(Sample Preparation) AAS	900*
Potassium	AAS	900*
Iron	AAS	900*
Calcium	AAS	900*
Zinc	AAS	900*
odine	Titration (Salt)	700
	Tech AA III (food)	3,125
	Tech AA III (water)	1,250
fitamin A	HPLC	3,750
3-carotene Ascorbic acid	HPLC Titrimetric	1,155
SCOTOR OCIU	HPLC Method	3,000
atty acids	GC (food)	2,700
(Saturated)	(oil)	2,400
rans fat	GC (food)	8,000
	(oil)	7,000
Cholesterol Omega Fatty Acids	GC	3,960 8,000
Artificial	(Sample Preparation)	1,500
weeteners		
Aspartame	HPLC	900"
Neotame	HPLC	700°
Acesulfame-K	HPLC	1,200
Saccharin	HPLC	600

Biochemical Laboratory

Analyte		Method	Testing Fee (PhP)		
Hemoglobín	Cyanme	themoglobin	150		
Plasma/Serum Vitamin A	Chroma	essure Liquid tography	700		
Urinary Iodine Excretion	Digestic		250		
Serum Zinc		Atomic Absorption Spectrometry		Atomic Absorption	
'Serum Vitamin C	UV-Vis spectro	UV-Vis spectrophotometer			
Sample Collection	Venipur Finger/h	ncture Heel Prick	150		
	Upcomin	g services!			
Serum Ferriti	n	Soluble Transi (5)	ferrin Receptor [fr)		
Fasting Blood Gluco	se (FBG)	C-Reactive Protein (CRP)			
Lipid Profile		Serum Folic Acid			

Microbiological Laboratory

Microbiologica	al Analysis	
Parameter	Method	Testing Fee (Phi
WATER		
Heterotrophic Plate Count (HPC)	Pour Plate	550
Total Coliform Count	MPN	550
E. coli Count (with Fecal Coliform Count)	MPN	1,000
Fecal Coliform Count	MPN	550
Package A: HPC + Coliform Count	Pour Plate, MPN	1,100
Package B: HPC + Coliform Count + E. coli Count (with Fecal Coliform Count)	Pour Plate, MPN	1,700
Package C: HPC + Coliform Count + Fecal Coliform Count	Pour Plate, MPN	1,200
Package D: Total Coliform + Fecal Coliform Count	MPN	650
FOOD		
Aerobic Plate Count	Pour Plate	550 1,650
Total Coliform Count	Pour Plate, MPN	550 1,650
E.coli Count	MPN	1,000 3,000
Mold and Yeast Count	Spread Plate	550 1,650
Salmonella sp. Detection	Conventional	1,900 5,700°
salmonella sp. Detection	Real-time PCR	6,000 16,000
Staphylococcus aureus Count	Spread Plate	1,200 3,600
Bacillus cereus Count	Spread Plate	1,000 3,000
	Conventional	1,500 5,000
Vibrio parahaemolyticus Detection	Real-time PCR	2,000 5,000
Mesophilic Lactic Acid Bacteria Count	Pour Plate	1000

Upcoming services!						
Listeria spp. detection						
Listeria monocytogenes detection						

*For Philippine FDA Registration (5 sample units per food item to be analyzed)

Prices and Discounts:

20% discount for Senior Citizens and PWDs 10% discount for request with more than 10 samples (Chem and Micro) and contract price of more than P100,000 (Biochem) Prices are subject to change without prior notice.

Contact Person:

Dave P. Briones (Biochemical Laboratory) Joan M. Castro (Chemical Laboratory) Christine Eden C. Sevilla (Microbiological Laboratory)

STEP 2

Submission of Samples



Face-to-Face Transaction (By-appointment)



By courier

Location: Room 338



Turn-around time:

30 working days (may vary depending on the number of samples and type of analysis)

Biochemical Laboratory

Location: Room 217

Sample Requirement: Urine: 10 mL

Serum: 1.5 mL

Turn-around time:

20 working days (may vary depending on the number of samples)

Microbiological Laboratory

Location: Room 338

Sample Requirement:

Food: 250 g

Beverage/Water: 250 mL

Turn-around time:

30 working days (may vary depending on the number of samples and type of analysis)

Monday to Wednesday: up to 12 noon only

Due to COVID-19 pandemic, we highly encourage submission of sample through courier.

STEP 3

Payment of Analysis Fees



- For walk-in customer, pay and claim Official Receipt in the Cashier
- For samples submitted through courier, deposit payment to

Account Name: FNRI PROJECT ACCOUNT Name: LANK OF THE PHILIPPINES (BICUTAN BRANCH)

Account Number: 1822 - 1032 - 40







STEP 4

Release of Report of Analysis





Turn-around time: 5-30 working days

Turn-around time may vary due to the limited number of analysts reporting per week.

Release of results through courier.

Courier fee should be shouldered by the customer.







FPRDI TESTING SERVICES

FOR FURNITURE

STEP 1Request online



Send the following information to Director Romulo T. Aggangan, romulo.aggangan@fprdi.dost.gov.ph

- 1. Name of requesting official/person, designation
- 2. Company name and address.
- 3. Email address and contact number
- 4. Picture of sample/s with sample description
- 5. Material specifications with technical information of the sample.

STEP 2Check the information





Print and sign the Test Request form that will be sent through email. Tests and Testing Fees are as follows:

Performance Testing

Level 3 = Php 10,500.00 Level 4 = 21,500.00 Level 5 = 31,000.00

Transit Testing

ISTA 1A & 1B = Php 5,000.00/ box

Environmental Testing

Lead Content (XRF) = Php 500.00/shot Hot & Cold Test = 1,500.00 Coating Adhesion Test = 500.00 Stain Resistance Test = 2,000.00

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	ARKS:					

STEP 3

Send the signed test request, sample, and cash payment





Face-to-face transaction Walk-in customers



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Note: Job Order will only be created once the sample was received and payment for testing fee was settled.

	(Authorized Signatory) Accounting Unit	
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	No.: Duner	=0
*	DEPARTMENT OF SCIENCE AND TECHNOLOGY Forest Products Research and Development Institute FPRDI Tosting Laboratories	

Note: FPRDI Cashier only accepts Cash or Check as payment for testing fee.

STEP 4

FPRDI conducts testing and evaluation

Minimum Requirements:

Furniture (Chairs, Tables, Bed Frame and others) = 1 piece





Note: Sample passed the tests if there are no occurrence of fracture, loss of serviceability, structural failure and stability and safety requirements are fulfilled.

STEP 5

FPRDI releases the test certificate/report.

Performance Testing

Level 3 = 6 days

Level 4 = 12 days

Level 5 = 30 days

Transit Testing

ISTA 1A & 1B = 4 days

Environmental Testing

Lead Content (XRF) = 1 day

Hot & Cold Test = 2 days

Coating Adhesion Test = 1 day

Stain Resistance Test = 2 days

Note: Available mode of release of test certificate/report are;

thru courier service, e-mail and pick-up. Customer to pick-up test sample after 30 days

retention period (by appointment).



FPRDITESTING SERVICES

FOR PLYWOOD

STEP 1

Request online



Send the following information to Director Romulo T. Aggangan, romulo.aggangan@fprdi.dost.gov.ph

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- 4. Picture of sample/s with sample description
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STEP 2

Check the information

Print and sign the Test Request form that will be sent through email. Tests and Testing Fees are as follows:





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			JOB	QUOTA	TION NO.:	
	Company: Address:		Date: Tel. Nos			
	Contact Person:		Fax Nos E-mail:	_		-
	Client Sample	Services		Unit Price		
em lo.	Description/Code No. PS Application	Tests Desired	Reference Test Standard	Qty		Amount (Php)
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	per of test items:			Total		
	ARKS:					

No.	Test/Analysis	Method	Prescribed Fee
1	Type 1 Exterior Plywood	PNS: 196:2000	12645.00
а	Thickness Test		870.00
b	Moisture Content		3970.00
c	Shear & Wood Failure Test		7805.00
2	Type 2 Interior Plywood	PNS: 196:2000	10015.00
а	Thickness Test		870.00
b	Moisture Content		3970.00
С	Delamination Test		5175.00

STEP 3

Send the signed test request, sample, and cash payment

Courier service



Face-to-face transaction Walk-in customers



Note: Job Order will only be created once the sample was received and payment for

Note: FPRDI Cashier only accepts Cash or Check as payment for testing fee.



STEP 4

FPRDI conducts testing and evaluation





Minimum Requirements:

testing fee was settled.

Type 1 Marine or Exterior Plywood: Square: 20cm X 20cm; sampling from top, middle, and bottom of plywood; 10 Top,10 Middle, 10 Bottom.



Type II Ordinary or Interior Plywood: Rectangular: 20cm X 58cm; sampling from top, middle, and bottom of plywood; 10 Top,10 Middle, 10 Bottom.



STEP 5

FPRDI releases the test certificate/report.



Test results and evaluation will be available 5 days from receipt of the request, samples, and payment.

Note: Available mode of release of test certificate/report are; thru courier service, e-mail and pick-up.



FPRDI TESTING SERVICES

FOR PULP, PAPER, PAPERBOARD AND TISSUE PRODUCTS

STEP 1Request online



Send the following information to Director Romulo T. Aggangan, romulo.aggangan@fprdi.dost.gov.ph

- 1. Name of requesting official/person, designation
- 2. Company name and address.
- 3. Email address and contact number
- 4. Picture of sample/s with sample description
- 5. Material specifications with technical information of the sample.

STEP 2 Check the information



Print and sign the Test Request form that will be sent through email. Tests and Testing Fees are as follows:



Test/Analysis	Method	Prescribed Fee
Tear strength	ISO 1974	750.00
Tear strength *	ISO 1974	1970.00
Tensile strength	ISO 1924	630.00
Tensile strength*	ISO 1924	1920.00
Grammage/Basis weight	ISO 536	630.00
Thickness	ISO 534	630.00
Density	ISO 534 & ISO 536	630.00
Brightness(ISO)	ISO 2470	910.00
Opacity (ISO)	ISO 2471	910.00
Dirt count*	TAPPI 437	1460.00
Dirt count	TAPPI 437	265.00
Edgewise Crush Test	ISO 13821	630.00
Flat Crush Test	ISO 3035	630.00
Ring Crush Test	ISO12192	630.00
CMT-concura fluting	ISO 7263	1330.00
Burst strength(board)	ISO 2759	630.00
Burst strength (paper)	ISO 2758	630.00
Burst strength(board)*	ISO 2759	1250.00
Burst strength (paper)*	ISO 2758	1165.00
Folds**	ISO 5626	265.00
Folds***	ISO 5627	500.00
Det'n of Water Absorptiveness	ISO 535	265.00
Oil Penetration	TAPPI 462	265.00

STEP 3

Send the signed test request, sample, and cash payment

Courier



Face-to-face transaction Walk-in customers



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Note: Job Order will only be created once the sample was received and payment for testing fee was settled.



Note: FPRDI Cashier only accepts Cash or Check as payment for testing fee.

STEP 4

FPRDI conducts testing and evaluation





Minimum Requirements:

PAPER: At least 30 sheets A4 size samples.

PAPER BOARD: At least 30 pcs 12 inches x 12 inches samples.

TISSUE PAPER: At least 10 rolls of tissue paper.

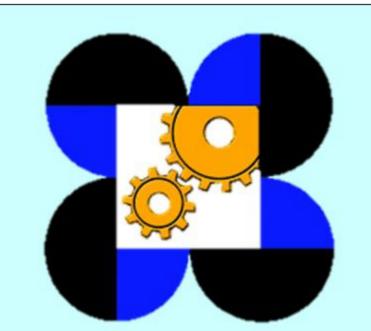


FPRDI releases the test certificate/report.



Test results and evaluation will be available 5 days from receipt of the request, samples, and payment.

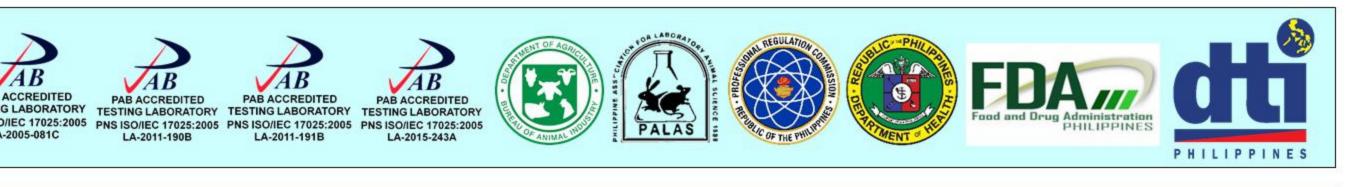
Note: Available mode of release of test certificate/report are; thru courier service, e-mail and pick-up.



ITDI-STANDARDS AND TESTING DIVISION BIOLOGICAL LABORATORY

FOR VARIOUS TYPES OF SAMPLES

STD-ITDI ACCREDITATIONS/RECOGNITIONS:



STEP 1

Customer Inquiry/
Request for Quotation and Certification to enter DOST premises







Telephone Number: (+632) 8 837-2071 loc 2188

Mobile Number: (+63) 995-483-2346

Send the following information to the Chief of STD,

Dr. Rosalinda C. Torres, std@itdi.dost.gov.ph.

- . Name of requesting official/person, designation
- 2. Company name and address
- 3. Email address and contact number
- 4. Type of sample(s) with sample description(s)
- 5. Test parameters to be requested
- 6. Purpose of test

Certification will be issued to the customer for sample submission and authorization to enter DOST premises.

Full list of testing capabilities, fees, and sample specifications required for submission can be downloaded from: http://www.itdi.dost.gov.ph/index.php/download

DISCOUNTS OFFERED:

20 % discounts are granted to students (undergraduate and graduate), senior citizens, and PWDs.

Discounts are granted if test requested is for personal use only

Customers must declare health status before certification is issued through an online health declaration checklist:

https://docs.google.com/forms/d/e/1FAIpQLSd29VC1Hu5FLmpHsmAj36W2 bd_J83AQ11BDQrape4fUmvl6uA/viewform

Quotations and other test details can be requested directly to the section of the laboratory concerned:



ENTOMOLOGY SECTION,
BIOLOGICAL LABORATORY
alicia.garbo@yahoo.com





PHARMACOLOGY AND TOXICOLOGY SECTION, BIOLOGICAL LABORATORY stdanimalhouse@gmail.com

Samples accepted for testing:

Entomology Section

- ✓ Household Pesticides and Insecticides
- ✓ Extracts (Plant Isolates / Natural Products)



Microbiology Section

- ✓ Water and Environmental Water
- ✓ Foods and Feeds
- ✓ Extracts (Plant Isolates / Natural Products)
- ✓ Herbal Products
- Cosmetics
- ✓ Swab from Surfaces

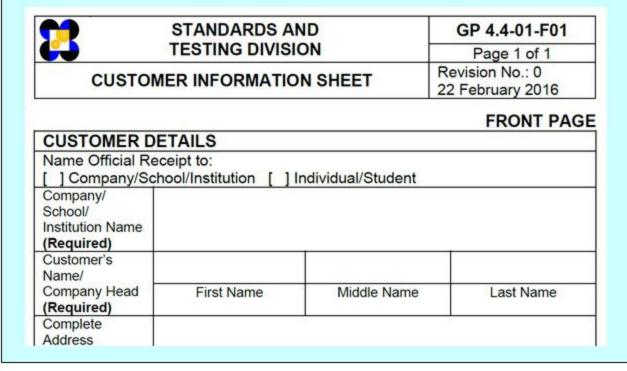
Pharmacology and Toxicology Section

- ✓ Drugs
- √ Cosmetics
- √ Pharmaceutical Products
- ✓ Herbal Drugs and Preparations
- ✓ Extracts (Plant Isolates / Natural Products)
- √ Pesticides and Insecticides



STEP 2

Accomplishment of Customer Information Sheet (CIS) before sample submission



Customer accomplishes CIS (GP 4.4-01-F01) online as a preliminary sample validation procedure.



Customer submits CIS online together with online accomplishment of the Health Check Declaration

STEP 3

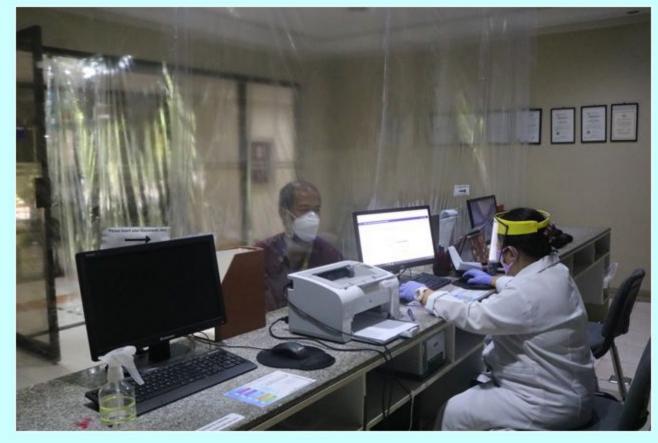
Sample submission and Validation





- All customers/visitors will be subjected to **thermal scanning** of body temperature upon entrance at the STD Building.
- Properly wearing of face masks is required.
- Customers/visitors will be required to wash their hands at the STD hand washing facility. Soaps and alcohols are provided. Soap dispensing apparatus is operated by a foot pedal mechanism.
- Customers and visitors are requested to wait at the designated chairs at the lobby, arranged to strictly practice social distancing.
- 5. When their assigned number is called, the customer will place the sample for submission at the designated area and will then proceed to the validation room and place the accomplished CIS for checking of the STD sample validator.
- 6. The Sample Validator checks the validity of the samples for testing.

 7. After sample validation, samples submitted shall be
- After sample validation, samples submitted shall be sanitized before delivery to the respective laboratories.

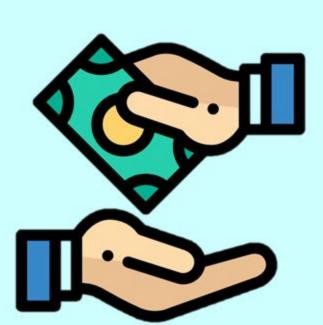


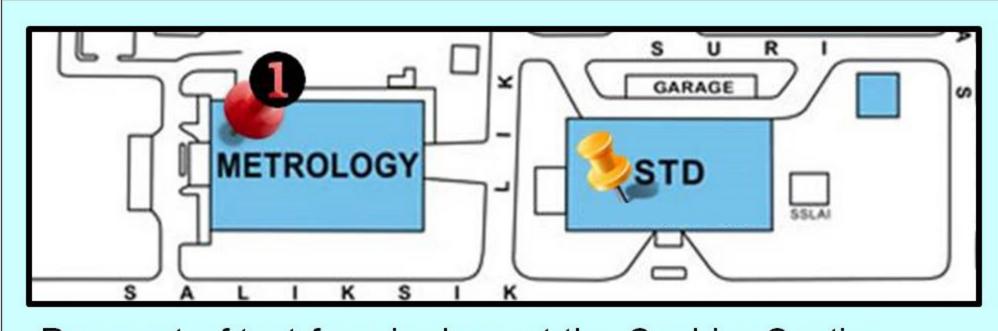
Full list of sample requirements required for submission can be downloaded from:

http://www.itdi.dost.gov.ph/index.php/download

STEP 4

Payment of Test Fees





Payment of test fees is done at the Cashier Section, 2nd Floor of the NML Building (Pin #1).

Full list of test fees can be downloaded from: http://www.itdi.dost.gov.ph/index.php/download

- After sample validation, STD validator will give the customer three (3) copies of the accomplished and signed Technical Service Request (TSR) Form (GP 4.4-01-F03).
- 2. The customer will then proceed to the Cashier's Section at the Metrology Building for the payment of testing fees.
- Precautionary health measures shall be followed during the transaction with the Cashier.
- 4. Once customer receives copy of the validated and paid TSR, the customer don't have to go back to the STD building. Transaction is completed and customer waits for release of test results.

STEP 5
Release of
Test Reports



Due to the CoViD-19 pandemic, all Test Reports are released to customers through the email addresses provided by the customer only. Personal pick-up is discouraged.

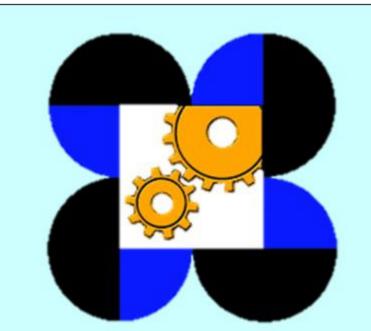
Turn-around time for the conduct of tests vary depending on the complexity of the test method.











ITDI-STANDARDS AND TESTING DIVISION CHEMISTRY LABORATORY

FOR VARIOUS TYPES OF SAMPLES

STD-ITDI ACCREDITATIONS/RECOGNITIONS:



STEP 1

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Request for Quotation and Certification to enter DOST premises







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- 6. Purpose of test

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20 % discounts are granted to students (undergraduate and graduate), senior citizens, and PWDs.

Discounts are granted if test requested is for personal use only

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https://docs.google.com/forms/d/e/1FAIpQLSd29VC1Hu5FLmpHsmAj36W2bd_J83AQ11BDQrape4fUmvl6uA/viewform

Quotations and other test details can be requested directly to the section of the laboratory concerned:



INORGANIC CHEMISTRY SECTION, CHEMISTRY LABORATORY

inorganicstd@yahoo.com



ORGANIC CHEMISTRY SECTION,
CHEMISTRY LABORATORY
organicchemstd@gmail.com

Samples accepted for testing:





Inorganic Chemistry Section

- ✓ Water (Drinking and Surface) and Wastewater
- √ Chemicals/Assay
- ✓ Bleaching Powder and Solution
- ✓ Plating Solution
- ✓ Salt/Sodium Chloride
- ✓ Fertilizer

- √ Soils, Sediments, Sludges
- ✓ Construction Materials: Clay and Related Materials, Cement

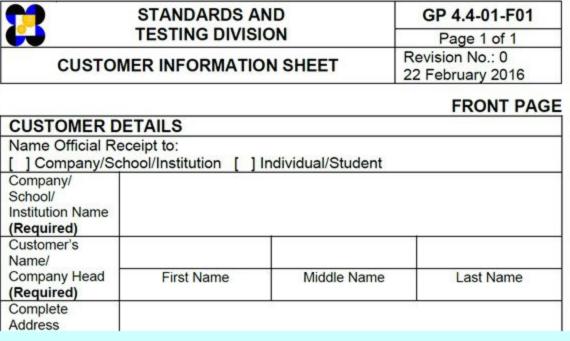
 (Hydraulic) Limestone, Quicklime
- (Hydraulic), Limestone, Quicklime ✓ Pipes (uPVC, etc.)
- ✓ Glazed Ceramics/Dinnerware/Plastic Containers for Foodstuffs

Organic Chemistry Section

- ✓ Food and Beverage Products
- √ Feed Products
- ✓ Extracts (Plant Isolates / Natural Products)
- ✓ Herbal Products
- ✓ Fuels (Solid and Liquid)
- ✓ Paints
- ✓ Organic Chemicals

STEP 2

Accomplishment of Customer Information Sheet (CIS) before sample submission



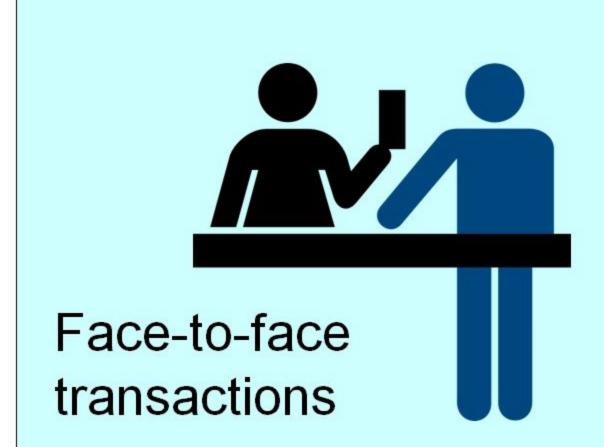
Customer accomplishes CIS (GP 4.4-01-F01) online as a preliminary sample validation procedure.



Customer submits CIS online together with online accomplishment of the Health Check Declaration

STEP 3

Sample submission and Validation



Institution Name
(Required)

Customer's
Name/
Company Head
(Required)

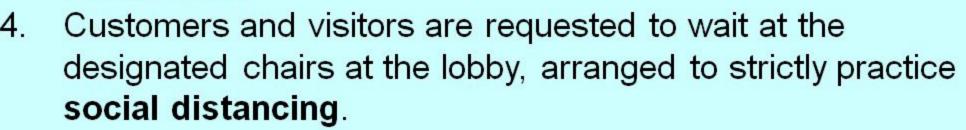
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Address

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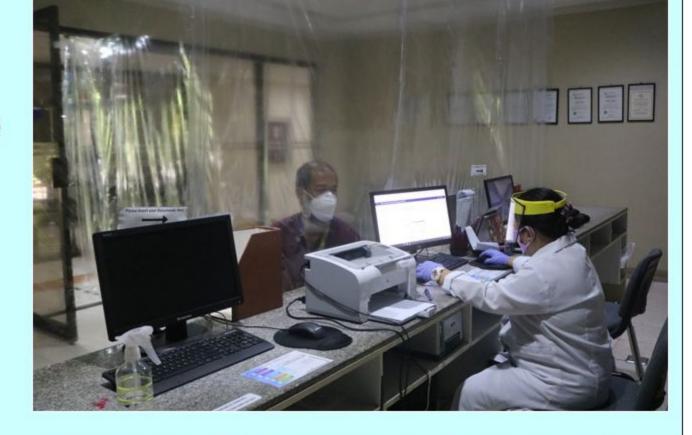


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- Properly wearing of face masks is required.
- Customers/visitors will be required to wash their hands at the STD hand washing facility. Soaps and alcohols are provided. Soap dispensing apparatus is operated by a foot pedal mechanism.



- When their assigned number is called, the customer will place the sample for submission at the designated area and will then proceed to the validation room and place the accomplished CIS for checking of the STD sample validator.
 The Sample Validator checks the validity of the samples
- for testing.

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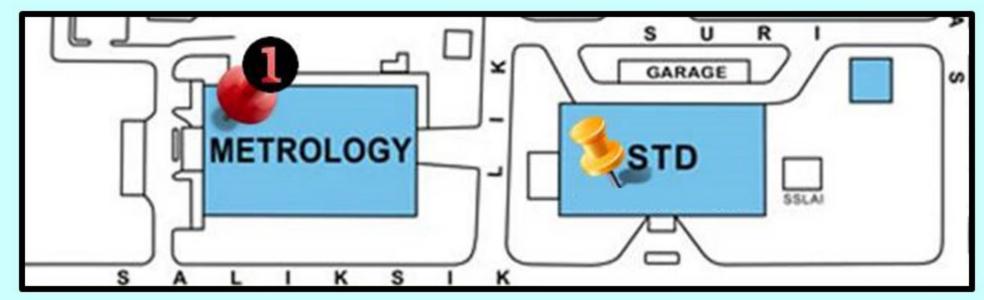


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STEP 4Payment of Test Fees





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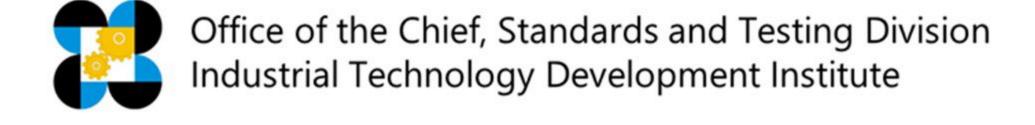
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Release of
Test Reports



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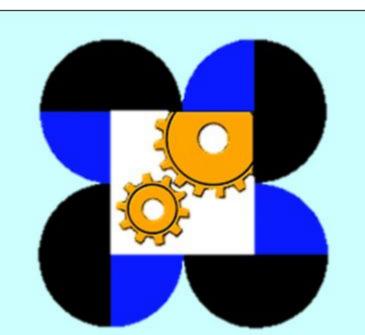
Turn-around time for the conduct of tests vary depending on the complexity of the test method.











ITDI-STANDARDS AND TESTING DIVISION PHYSICAL AND PERFORMANCE TESTING LABORATORY

FOR VARIOUS TYPES OF SAMPLES

STD-ITDI ACCREDITATIONS/RECOGNITIONS:



STEP 1

Customer Inquiry/
Request for Quotation and Certification to enter DOST premises







Telephone Number: (+632) 8 837-2071 loc 2188

Mobile Number: (+63) 995-483-2346

Send the following information to the Chief of STD,

Dr. Rosalinda C. Torres, std@itdi.dost.gov.ph.

- . Name of requesting official/person, designation
- 2. Company name and address
- 3. Email address and contact number
- 4. Type of sample(s) with sample description(s)
- 5. Test parameters to be requested
- 6. Purpose of test

Certification will be issued to the customer for sample submission and authorization to enter DOST premises.

Full list of testing capabilities, fees, and sample specifications required for submission can be downloaded from: http://www.itdi.dost.gov.ph/index.php/download

DISCOUNTS OFFERED:

20 % discounts are granted to students (undergraduate and graduate), senior citizens, and PWDs.

Discounts are granted if test requested is for personal use only

Customers must declare health status before certification is issued through an online health declaration checklist:

https://docs.google.com/forms/d/e/1FAIpQLSd29VC1Hu5FLmpHsmAj36W2bd_J83AQ11BDQrape4fUmvl6uA/viewform

Quotations and other test details can be requested directly to the section of the laboratory concerned:



Samples accepted for testing:





Perfor5mance Testing Section

- ✓ Rubber and Rubber-based Products
- ✓ Plastic Products
- √ Concrete Products
- ✓ Adhesives and Sealants
- √ Office Supplies
- ✓ Other Engineering Materials

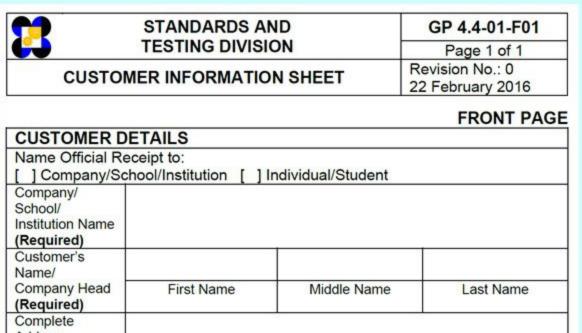


Formula of Conversion Section

- ✓ Applicable for Companies exporting products
- ✓ Determination of the quantity of imported raw materials needed to manufacture different products for EXPORT

STEP 2

Accomplishment of Customer Information Sheet (CIS) before sample submission



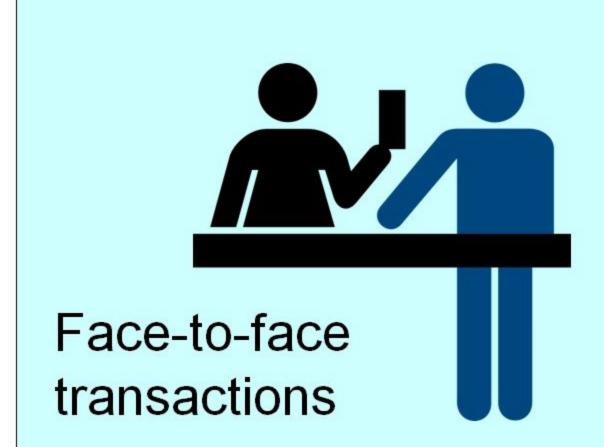
Customer accomplishes CIS (GP 4.4-01-F01) online as a preliminary sample validation procedure.



Customer submits CIS online together with online accomplishment of the Health Check Declaration

STEP 3

Sample submission and Validation

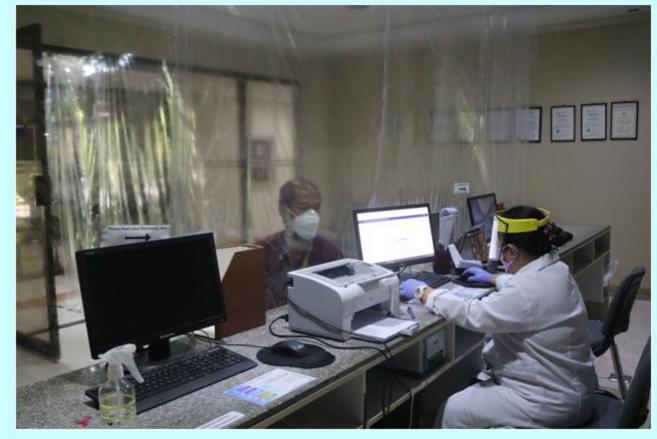


Complete Address

Address



- All customers/visitors will be subjected to **thermal scanning** of body temperature upon entrance at the STD Building.
- Properly wearing of face masks is required.
- 3. Customers/visitors will be required to wash their hands at the STD hand washing facility. Soaps and alcohols are provided. Soap dispensing apparatus is operated by a foot pedal mechanism.
- Customers and visitors are requested to wait at the designated chairs at the lobby, arranged to strictly practice social distancing.
- 5. When their assigned number is called, the customer will place the sample for submission at the designated area and will then proceed to the validation room and place the accomplished CIS for checking of the STD sample validator.
- The Sample Validator checks the validity of the samples for testing.
- After sample validation, samples submitted shall be sanitized before delivery to the respective laboratories.

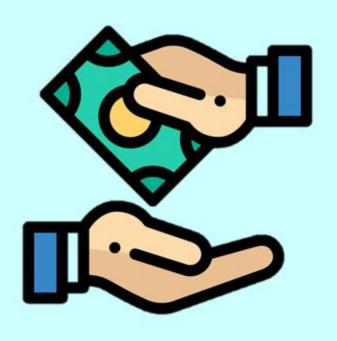


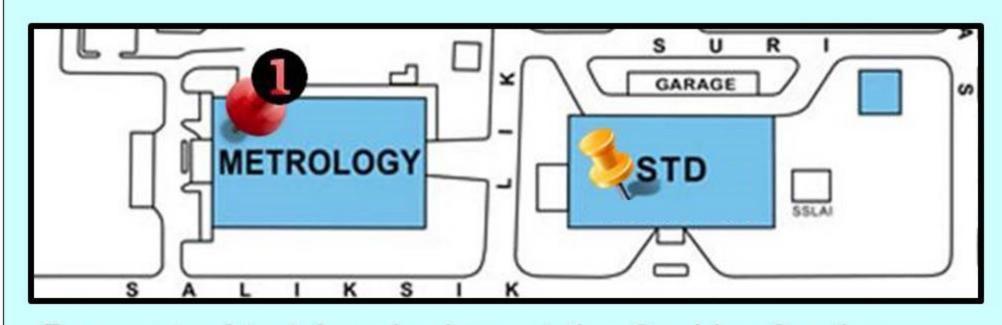
Full list of sample requirements required for submission can be downloaded from:

http://www.itdi.dost.gov.ph/index.php/download

STEP 4

Payment of Test Fees





Payment of test fees is done at the Cashier Section, 2nd Floor of the NML Building (Pin #1).

Full list of test fees can be downloaded from: http://www.itdi.dost.gov.ph/index.php/download

- After sample validation, STD validator will give the customer three (3) copies of the accomplished and signed Technical Service Request (TSR) Form (GP 4.4-01-F03).
- 2. The customer will then proceed to the Cashier's Section at the Metrology Building for the payment of testing fees.
- 3. Precautionary health measures shall be followed during the transaction with the Cashier.
- 4. Once customer receives copy of the validated and paid TSR, the customer don't have to go back to the STD building. Transaction is completed and customer waits for release of test results.

STEP 5 Release of Test Reports



Due to the CoViD-19 pandemic, all Test Reports are released to customers through the email addresses provided by the customer only. Personal pick-up is discouraged.

Turn-around time for the conduct of tests vary depending on the complexity of the test method.











MIRDC CALIBRATION SERVICES

CALIBRATION OF TEMPERATURE, PRESSURE, MASS, FORCE, HUMIDITY, TORQUE, SPEED, ELECTRICAL AND LENGTH MEASURING INSTRUMENTS **DIMENSIONAL MEASUREMENT**

STEP 1

Request for Quotation Online



Send the following information to: Engr. Rommel N. Coroña, email: rncorona@mirdc.dost.gov.ph
Name of requesting official/person, designation

- Company Name and Address
- Email address and contact number
- Picture of instrument/s with description (brand and model)
- Instruments specifications with technical information and additional requests, if any
- Request for Quotation to calibration@mirdc@gmail.com; mirdc.metrologylab@gmail.com

STEP 2

Submission of Instruments/Equipment



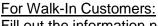
Ensure the following:

- Instrument/Equipment for calibration with complete details such as description/specification, calibration requirements and payment (cash or dated company check).
- The Instruments/Equipment must be in good working condition, with complete accessories and manual needed/ necessary for the accurate calibration process.
- Send the instruments/equipment via walk-in or through courier to:

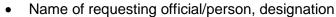
Metals Industry Research and Development Center, Gen. Santos Ave., Bicutan, Taguig City

STEP 3

Request for Calibration



Fill out the information needed for the generation of Technical Service Request (TSR):



- Company name, address, email and contact numbers
- Equipment description and serial number



Sign the two (2) Technical Service Request (TSR) Forms generated and give one (1) copy to the receiving personnel. The TSR serves as the contract and claim stub.

Thru Courier Customers:

- MIRDC calibration officer evaluates the instruments / equipment and check required parameters for calibration.
- MIRDC Calibration Officer generate two (2) TSR forms using the Unified Laboratory Information Management Systems (ULIMS).
- MIRDC Division Head Office ensure that the TSRs were signed by the customer before proceeding with the calibration. The signed copy of the TSR from the customer must be returned to MIRDC via email. calibration@mirdc.dost.gov.ph



PROCEDURE FOR AVAILING MIRDC CALIBRATION SERVICES

STEP 4

Calibration of Instruments



Calibration service lead time:

14 working days* upon receipt of instrument/equipment

*May vary depending on quantity of instruments and/or complexity of instrument calibration procedure.

STEP 5

Tracking of Status of Calibration Services



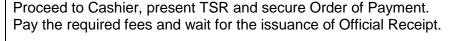
Track the status of service requested at **mirdc.dost.gov.ph/tracking** using the issued TSR Reference number as reference.

For further inquiry please send email to one of the following staff:

rotamayo@mirdc.dost.gov.ph rncorona@mirdc.dost.gov.ph agestacio@mirdc.dost.gov.ph ayvpacia@mirdc.dost.gov.ph

STEP 6

Payment to Cashier



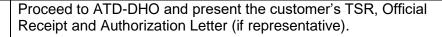


MIRDC Calibration Services Fees and Charges are posted in the MIRDC Citizen Charter www.mirdc.dost.gov.ph

Students can avail of 20% discount on total cost Additional 30% on total cost for rush calibration services for some parameters

STEP 7

Claim Instruments and Calibration Certificate





Settle balance to Cashier if there's any.

Sign the Pink copy of Calibration Certificate.

Fill out Customer Satisfaction Form when necessary.

Sign the Property Exit Slip



MIRDC TESTING SERVICES

CHEMICAL ANALYSIS OF FERROUS/NON-FERROUS METAL SAMPLE/S

STEP 1

Request for Quotation Online



Send the following information to: Engr. Gina A. Catalan, email: gacatalan@mirdc.dost.gov.ph

- Name of requesting official/person, designation
- Company Name and Address
- Email address and contact number
- Picture of sample/s with sample description

STEP 2 Submission of sample/s



Checklist of requirements upon submission of sample/s:

 Sample/s for testing with complete description
 For Optical Emission Spectrometry (OES) – must have flat surface with minimum width/diameter of 16mm and thickness of 2mm

For Wet Analysis – at least 50grams weight in chips or compact form

For X-Ray Fluorescence (XRF) – uncoated metal sample in solid/ compact form

- Payment (cash or company check)
- One (1) Authorization Letter (for person other than Company's representative)
- One (1) Company ID and one (1) Gov't issued ID
- For Bureau of Philippine Standards (BPS) endorsed sample/s: one (1) Photocopy of BPS Request for Test
- For Students: one (1) Letter of Request for Discount and School ID
- For XRF onsite testing: provision of service vehicle from laboratory to testing site and vice versa and when necessary, food and accommodation

Samples submitted are subject for evaluation by the laboratory personnel prior to the acceptance of the job

STEP 3

Request for Test



At the MIRDC's Analysis and Testing Division – Division Head's Office (ATD-DHO),

Fill out the information needed for the generation of Technical Service Request (TSR):

- Name of requesting official/person, designation
- Company name, address, email and contact numbers
- Sample description and designation
- Standard test procedures (when necessary)

Sign the two (2) TSR Forms generated and give one (1) copy to the receiving personnel. The TSR serves as the contract and claim stub.





STEP 4

Payment to Cashier

Proceed to Cashier for payment and present TSR. Wait for the issuance of Order of Payment and pay.



Students can avail of 20% discount on total cost Additional 30% on total cost for rush analysis for some parameters

Testing fees are as follows:

Chemical Analysis using Optical Emission Spectrometer (OES)

FERROUS-BASED SAMPLE/S

Complete Chemical Analysis

•₱3,550.00/sample

Additional elements

•₱395.00/element

NON FERROUS-BASED SAMPLE/S

Complete Chemical Analysis

•₱3,900.00/sample

Additional elements

●₱395.00/element

BPS ENDORSED SAMPLE/S

Weldable Rebars/Equal Leg Angle Bars

•₱3,550.00/sample

Non-Weldable Rebars

•₱1,810.00/sample

Chemical analysis using Wet Method

See Table of Fees below

Chemical analysis using X-ray Fluorescence (XRF) Spectrometer

INHOUSE TESTING

₱2,000.00/sample

ONSITE TESTING

Vithin Metro Manila

•₱2,000.00/sample

On-site fee

•₱2,000.00

Outside Metro Manila

•₱2,000.00/sample

On-site fee

•₱3,000.00

Other Fees





Sample Prep (for rebars 10mm and 12mm) •₱190.00/sample •₱250.00/TSR/day Metals Identification •₱750.00/sample Photo •₱80.00/shot STEP 5 (Optional) Witness the conduct of the actual testing on the schedule Analysis of sample/s set by the laboratory Lead time of analysis: For OES 7 working days* upon receipt of sample and payment *Maximum of three (3) similar alloy samples for complete parameters or twenty (20) rebar/angle bar samples (as per PNS requirements) can be analyzed For Wet Method 14 working days upon receipt of sample and payment For XRF (Inhouse) 4 working days upon receipt of sample and payment For XRF (Onsite) 5 working days upon receipt of sample and payment STEP 6 Tract the status of service requested at mirdc.dost.gov.ph/tracking Track Test Results using the issued TSR Reference number as reference.





STEP 7 Proceed to ATD-DHO and present the customer's TSR, Official Receipt and Authorization Letter (if representative).

Settle balance to Cashier if there's any.

Sign the Pink copy of Test Certificate.

Fill out Customer Satisfaction Form when necessary.

Sign the Property Exit Slip

Table of Fees for the Chemical Analysis Using Wet Method

MATERIAL	LECO	W	ET/ELEC	ET/ELECTROLYSIS			AAS	UV-VIS		TOTAL COST
Ferrous Based										
Low Alloy Steel	C,S	Si	Р				Mn,Ni,Cu,Cr	Мо		
	₱650/element	₱ 1130	₱1160				₱670/element	₱ 1530		₱7,800.00
Cast Iron	C,S	Si	Р				Mn,Ni,Cu,Cr	Мо		
	₱650/element	₱1130	₱1160				₱670/element	₱1730		₱8,000.00
Stainless Steel	C,S	Si	Р	Ni	Cr		Mn,Cu	Мо		
	₱650/element	₱1130	₱1160	₱1120	₱840		₱670/element	₱1530		₱8,420.00
Manganese Steel	C,S	Si	Р	Mn			Cu,Ni,Cr	Мо		
	₱650/element	₱ 1130	₱1160	₱1620			₱670/element	₱1530		₱8,750.00
Tool Steel	C,S	Si	Р				Mn,Ni,Cu,Cr	Мо		
	₱650/element	₱1130	₱1160				₱670/element	₱1730		₱8,000.00

Non-Ferrous Based

Solder, Lead Base, Tin Base, Babbitt and other similar alloys

a. Pb(rem)				Sn, Sb, Cu, Ag, Ni, Fe, Bi, Zn, Al	
>20%				₱670/element	₱6,030 .00
b. Pb(rem)	Sb	Sn		Cu, Ag, Ni, Fe, Bi, Zn, Al	
>20%	₱680	₱725		₱670/element	₱6,095.00
c. Sn (rem)				Pb, Sb, Cu, Ag, Ni, Fe, Bi, Zn, Al	
>75%				₱670/element	₱6,030.00
c. Sn (rem), Pb (wet)	Pb	Sb		Cu, Ag, Ni, Fe, Bi, Zn, Al	
(> 75%) (=/<20%)	₱1140	₱680		₱670/element	₱6,510.00

Complete chemical analysis shall be done if Pb and Sn are to be reported.

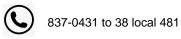
It is possible to analyze one or more elements provided Pb is not to be reported and % Sn is less than 75%.





(cont) Table of Fees for the Chemical Analysis Using Wet Method

MATERIAL	LECO	WE	WET/ELECTROLYSIS		AAS	UV-VIS		TOTAL COST	
Copper Based Meta	als								
Copper (Pure)		Cu				Cd, Co, Fe, Mn, Ni, Ag, Zn			
99.75% and over		₱1085				₱670/element			₱5,775.00
Brass	S	Cu				Pb, Sn, Al, Ni, Fe, Mn, Sb, Ag, Co	Р		
Zn (rem)	₱650	₱1085				₱670/element	₱ 1100		₱8,865.00
Bronze	S	Cu	Sn			Pb, Al, Ni, Fe, Mn, Sb, Ag, Co	Р		
Zn (rem) if > 5%, Cu > 40%	₱650	₱1085	₱725			₱670/element	₱1100		₱8,920.00
Bronze	S	Cu	Sn			Zn, Pb, Al, Ni, Fe, Mn, Sb, Ag, Co	Р		
if Zn < 5% /Cu Alloys	₱650	₱1085	₱725			₱670/element	₱1100		₱9,590.00
Copper - Lead Alloy	S	Cu	Pb			Zn, Sn, Al, Ni, Fe, Mn, Sb, Ag, Co	Р		
	₱650	₱1085	₱1140			₱670/element	₱1100		₱10,005.00
Cu-Ni Alloy/		Cu	Ni			Pb, Sn, Fe, Mn, Al, Sb, Co, Ag			
Cu-Ni-Zn Alloy Zn (rem)		₱1085	₱1120			₱670/element			₱7,565.00
Cu-Ni Alloy/		Cu	Ni			Zn, Pb, Sn, Fe, Mn, Al, Sb, Co, Ag			
Cu-Ni-Zn Alloy Zn < 5%		₱1085	₱1120			₱670/element			₱8,235.00
Manganese - Copper Alloy	C,S ₱650/element	Cu ₱1085	Mn ₱1620	P ₱1100					₱5,105.00



(cont) Table of Fees for the Chemical Analysis Using Wet Method

MATERIAL	LECO	V	VET/ELECTROLYSIS	AAS	UV-VIS		TOTAL COST	
Aluminum Based								
Aluminum (Pure)				Mn, Mg, Cu, Zn, Ni, Cr, Pb, Sn	Si	Fe	Ti	
Al (rem)				₱670/element	₱ 1130	₱670	₱730	₱7,890.00
Al - Si Alloy		Si		Mn, Mg, Cu, Zn, Ni, Cr, Pb, Sn	Fe	Ti		
AI (rem)		₱1130		₱670/element	₱670	₱730		₱7,890.00
Al - Si - Mg Alloy		Si		Mn, Cu, Zn, Ni, Cr, Pb, Sn	Fe	Ti		
Al (rem)		₱ 1130		₱670/element	₱670	₱730		₱7,220.00

Nickel Alloys

Nickel (Pure)	C,S	Si	Ni				Mn, Cu, Co, Fe		
Al (rem)	₱650/element	₱1130	₱1120				₱670/element		₱6,230.00
Nickel - Copper Alloy	C,S	Cu	Ni				Mn, Al, Co, Fe		
Al (rem)	₱650/element	₱1085	₱1120				₱670/element		₱6,185.00
Ni - Cr Alloy	C,S	Si	Ni	Cr	Р		Mn, Al, Co, Fe, Cu	Мо	
	₱650/element	₱1130	₱1120	₱840	₱1160		₱670/element	₱1530	₱10,430.00
Ni - Cr - Fe Alloy	C,S	Si	Ni	Cr	Р	Fe	Mn, Al, Co, Cu	Мо	
	₱650/element	₱1130	₱1120	₱840	₱1160	₱1280	₱670/element	₱1530	₱11,040.00





(cont) Table of Fees for the Chemical Analysis Using Wet Method

MATERIAL	LECO	WET/ELECTROLYSIS	AAS	UV-VIS	TOTAL COST
Zinc (Pure)			Cu, Fe, Cd, Pb, Al, Sn, Mg		
Zn (rem)			₱670/element		₱4,690.00

NON-ISO

Silver Brazing	Cu	Ag			
Al (rem)	₱1085	₱1160			₱2,245.00
Silver Brazing	Cu	Ag	Zn, Cd		
AI (rem)	₱1085	₱ 1160	₱670/element		₱3,585.00
High P Brazing	Cu	۸۵		D	
Alloy	Cu	Ag		Р	
Al (rem)	₱1085	₱ 1160		₱ 1100	₱3,345.00







MIRDC TESTING SERVICES

TESTS FOR COATINGS OF GALVANIZED AND PREPAINTED GALVANIZED SAMPLES

STEP 1

Request for Quotation Online



Send the following information to: Engr. Gina A. Catalan,

email: gacatalan@mirdc.dost.gov.ph

- Name of requesting official/person, designation
- Company Name and Address
- Email address and contact number
- Picture of sample/s with sample description

STEP 2

Submission of sample/s



Checklist of requirements upon submission of sample/s:

- Sample/s for testing with complete description
- •
- A) For Plain/Prepainted Sheets:
 - A.1) Average Mass of Zinc Coating: 1 pc 1ft x 1ft (L x W)
 - A.2) Triple Spot Mass of Zinc Coating:
 - 1 pc with 1ft (L) x width(W) of the coil
- B) For Wires: 1 meter long
- C) For Plates, Pipes and Other Galvanized Articles with > 2 mm total thickness:

Flat surface with minimum width/diameter of 20 mm

- Payment (cash or company check)
- One (1) Authorization Letter(for person other than Company's representative)
- One (1) Company ID and one (1) Gov't issued ID
- For BPS endorsed sample/s: one (1) Photocopy of BPS Request for Test
- For Students: one (1) Letter of Request for Discount and School ID

The abovementioned sample requirements <u>may vary depending on the number</u> <u>of test/s requested</u>. Moreover, sample/s are subject for evaluation by the laboratory personnel prior to the acceptance of the job.

STEP 3Request for Test

At the MIRDC's Analysis and Testing Division – Division Head's Office (ATD-DHO),



Fill out the information needed for the generation of Technical Service Request (TSR):

- Name of requesting official/person, designation
- Company name, address, email and contact numbers
- Sample description and designation
- Standard test procedures (when necessary)

Sign the two (2) TSR Forms generated and give one (1) copy to the receiving personnel. The TSR serves as the contract and claim stub.



STEP 4Payment to Cashier

Proceed to Cashier, present TSR and secure Order of Payment. Pay the required fee and wait for the issuance of Official Receipt.



Testing fees are as follows:

A) For Galvanized Sheets

Mass of Zinc Coating

Averaging - ₱ 430.00/sample Triple Spot - ₱ 520.00/sample Bend Test

₱ 240.00/sample

B) For Prepainted Galvanized Sheets

Mass of Zinc Coating

Averaging - ₱ 430.00/sample Triple Spot - ₱ 520.00/sample

Thickness of Paint

₱ 480.00/sample

₱ 240.00/sample

Bend Test

Pencil Hardness

₱ 250.00/sample

Tape/Adhesion Test

5.00/sample

Impact Test

₱ 300.00/sample

C) For Galvanized Wires

Mass of Zinc Coating

₱ 420.00/sample

D) For Plates, Pipes and Other Galvanized Articles with > 2 mm total thickness

Thickness of Zinc Coating

₱ 550.00/sample

Other Fees

Witnessing Fee ₱250.00/TSR/day

Photo ₱80.00/shot

Students can avail of 20% discount on total cost Additional 30% on total cost for rush analysis for some parameters



STEP 5

Testing of sample/s

(Optional) Witness the conduct of the actual testing on the schedule set by the laboratory



Lead time of analysis:

For Galvanized Sheets:

7 working days* upon receipt of sample and payment

For Prepainted Galvanized Sheets:

14 working days* upon receipt of sample and payment

For Galvanized Wires:

7 working days* upon receipt of sample and payment

For Plates, Pipes and other Galvanized Articles:

4 working days* upon receipt of sample and payment

*Maximum of five (5) samples can be analyzed. Lead time is subject to change depending on the no. of tests availed and/or additional samples.

STEP 6Track Test Results



Track the status of service requested at **mirdc.dost.gov.ph/tracking** using the issued TSR Reference number as reference.

STEP 7 Claim Test Certificate



Proceed to ATD-DHO and present the customer's TSR, Official Receipt and Authorization Letter (if representative).

Settle balance to Cashier if there's any.

Sign the Pink copy of Test Certificate.

Fill out Customer Satisfaction Form when necessary.

Sign the Property Exit Slip



SALT SPRAY TESTING OF METALS AND METAL PRODUCTS

STEP 1

Request for **Quotation Online**



Send the following information to: Engr. Gina A. Catalan, email: gacatalan@mirdc.dost.gov.ph

- Name of requesting official/person, designation
- Company Name and Address
- Email address and contact number
- Picture of sample/s with sample description

STEP 2

Submission of sample/s



Checklist of requirements upon submission of sample/s:

- The sample must not be bigger than the salt spray chamber with 50" x 29" x 25" (LxWxH) dimension; sheets: 6" x 4"
- Payment (cash or company check)
- One (1) Authorization Letter (for person other than Company's representative)
- One (1) Company ID and one (1) Gov't issued ID
- For BPS endorsed sample/s: one (1) Photocopy of BPS Request for Test
- For Students: one (1) Letter of Request for Discount and School ID

Sample/s are subject for evaluation by the laboratory personnel prior to the acceptance of the job.

STEP 3 Request for Test

At the MIRDC's Analysis and Testing Division – Division Head's Office (ATD-DHO),



Fill out the information needed for the generation of Technical Service Request (TSR):

- Name of requesting official/person, designation
- Company name, address, email and contact numbers
- Sample description and designation
- Standard test procedures (when necessary)

Sign the two (2) TSR Forms generated and give one (1) copy to the receiving personnel. The TSR serves as the contract and claim stub.



STEP 4

Payment to Cashier

Proceed to Cashier, present TSR and secure Order of Payment. Pay the required fee and wait for the issuance of Official Receipt.

Testing fees are as follows:



For the first sample:

Weekdays - ₱ 2410.00/day Weekends - ₱ 3060.00/day*

applicable for requests beyond 96 hrs

Additional Sample/s

₱ 300.00/sample

Other Fees

Witnessing Fee ₱250.00/TSR/day

> Pnoto ₱80.00/shot

STEP 5
Testing of sample/s

Students can avail of 20% discount on total cost

Additional 30% on total cost for rush analysis for some parameters
(Optional) Witness the conduct of the actual testing on the schedule set by

Lead time of analysis:

the laboratory



8 working days* upon receipt of sample and payment

*Applicable for up to 72-hr test request.

STEP 6

Track Test Results

Track the status of service requested at **mirdc.dost.gov.ph/tracking** using the issued TSR Reference number as reference.



STEP 7
Claim Test
Certificate

Proceed to ATD-DHO and present the customer's TSR, Official Receipt and Authorization Letter (if representative).

Settle balance to Cashier if there's any.

Sign the Pink copy of Test Certificate.

Fill out Customer Satisfaction Form when necessary.

Sign the Property Exit Slip

PROCEDURE FOR AVAILING OF AUTO-PARTS TESTING LABORATORY (ATL) SERVICES

STEP 1 Request for Quotation Online	Send the following information to: Engr. Florante A. Catalan, email: facatalan@mirdc.dost.gov.ph Name of requesting official/person, designation Company Name and Address Email address and contact number Picture of sample/s with sample description
STEP 2 Request for Test: Face-to-face transaction and For Thru Courier transaction	Fill-out information on the Technical Service Request (TSR) 1. Name of requesting official / person, designation 2. Company name, address, e-mail and contact number/s 3. Sample description and designation. For PUV modernization program, a separate form is to be filled up for specific information of the unit under type-approved. 4. Standard test procedure/s (when necessary) and Standard Specifications as appropriate Submit the following: 1. DOTr endorsement letter for samples entered under PUV modernization program 2. Complete description of the parameters to be used in some auto-parts tests (No. of cycles, frequency, vibration axis, etc.) 3. For Face to Face transaction: Test specimen or Unit for type-Approval For Thru Courier transaction: Send the samples to MIRDC Note: 1. Samples submitted are subject for evaluation by the laboratory personnel prior to the acceptance of the job
STEP 3 Check the information For Face to Face transaction and For Thru Courier transaction.	For Face to Face transaction: Review and Sign the Technical Service Request (TSR). For Thru Courier transaction: TSR will be sent to the customer for review and customer shall sign in the conforme. This document shall be scanned and email back to MIRDC. Testing Fees are as follows: For Tire Endurance Testing Load/Speed Performance Test Motorcycle Passenger Car Truck/Buses P 4,800.00 P 8,100.00 Tire Endurance Test Motorcycle, Passenger Car, Truck/Buses Per quotation basis For Fatigue Testing and Vibration Testing Sample/s P 300.00/sample/hour

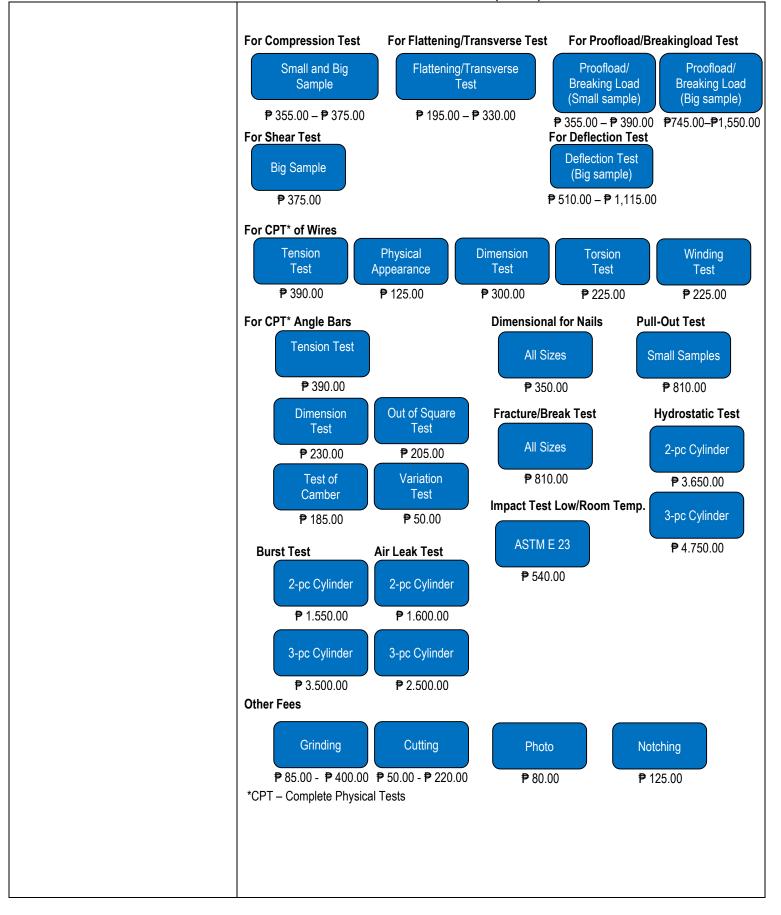
PROCEDURE FOR AVAILING OF AUTO-PARTS TESTING LABORATORY (ATL) SERVICES

	For PUV Dimensional Measurement
	Class 1 Class 2 & 3
	₱ 20,500.00 ₱ 17,830.00
	Please refer to MIRDC Tables of Fees for more information.
STEP 4	For Face to Face transaction:
Payment	Proceed to Cashier for payment and present the TSR.
Face-to-face transaction	(Cash Basis or Dated Company Cheque)
race-to-face transaction	For Thru Courier transaction:
	A company cheque amounting to the total cost in the TSR shall be sent thru courier to MIRDC. Test
Courier Service	requested shall commenced once payment have been received.
STEP 5	Minimum Requirements:
ATL conducts test requested and evaluate results	1. Tire Endurance Testing: Min. Requirements base on PNS 25:1994 2. Fatigue and Vibration Testing: Acceptable parameters and fixture
resuits	3. PUV Dimensional Measurement: Minimum requirements base on PNS 2126:2016 and PNS 2131:2017
STEP 6	For Face to Face transaction:
ATL releases the test certificate	Proceed to ATD-DHO and present the customer's TSR, Official Receipt and Authorization Letter (if representative) to claim Test Certificate.
	For Thru Courier transaction:
	Customer has the option to pick-up the test certificate at MIRDC or pay the courier amount to send the
	Test Certificate via courier.
	Test Results and Certificates will be available 10 working days or less depending on the queuing of test activities of the laboratory.
For any other concerns, please contact Fng.	r. Karl Andrew S. Chavez at Tel. No. 8-837-0431 local 492 or at email address atdplsautoparts@gmail.com
and	atapidataparatagramanom

PROCEDURE FOR AVAILING OF MECHANICAL METALLURGY LABORATORY (MML) SERVICES

STEP 1 Request for Quotation Online	Send the following information to: Engr. Florante A. Catalan, email: facatalan@mirdc.dost.gov.ph Name of requesting official/person, designation Company Name and Address Email address and contact number Picture of sample/s with sample description
STEP 2 Request for Test: Face-to-face transaction and For Thru Courier transaction	Fill-out information on the Technical Service Request (TSR) 1. Name of requesting official / person, designation 2. Company name, address, e-mail and contact number/s 3. Sample description and designation. 4. Standard test procedure/s (when necessary) and Standard Specifications as appropriate including acceptance criteria as needed Submit the following: 1. "Request for Tests" for samples entered under the Bureau of Philippine Standard (BPS) Product Conformity system. 2. For Face to Face transaction: Test specimen (Sealed test specimen for samples under BPS Product Conformity) 3. For Thru Courier transaction: Send the test specimen to MIRDC (Sealed test specimen for sample under BPS Product Conformity) Note: 1. Samples submitted are subject for evaluation by the laboratory personnel prior to the acceptance of the job
STEP 3 Check the information	2. For Product Conformity Tests under the BPS, a photo of the sample together with the person submitting the specimen shall be conducted as required under BPS procedure. For Face to Face transaction: Review and Sign the Technical Service Request (TSR).
For Face to Face transaction and For Thru Courier transaction.	For Thru Courier transaction: TSR will be sent to the customer for review and customer shall sign in the conforme. This document shall be scanned and email back to MIRDC. Testing Fees are as follows: For Tension Test
	Plates, Cylinders, Round Bars Bolts (10mm – 25mm Sheets, Small Bolts, Wires ₱ 205.00 – 670.00 ₱ 375.00 ₱ 390.00 ₱ 390.00
	For Dimensional / Deformation Measurement For Bend Test For Variation in Mass For Deflection Test Rebar / Angle Bar / Wires Rebars Rebars Plates Rebars (Small sample)
	₱50 / ₱ 230 / ₱ 300 ₱ 190.00 ₱ 50.00 ₱ 300.00 − ₱ 390.00 For Hardness Test
	Rockwell Hardness Brinell Vickers Hardness Micro-Vickers Hardness Micro-Vickers Hardness Hardness Hardness Hardness P 270.00 ₱ 180.00
	1 1.5.55 1 1

MECHANICAL METALLURGY LABORATORY (MML) SERVICES



MECHANICAL METALLURGY LABORATORY (MML) SERVICES

STEP 4	For Face to Face transaction:
Payment	Proceed to Cashier for payment and present the TSR.
	(Cash Basis or Dated Company Cheque)
Face-to-face transaction and	
	For Thru Courier transaction:
	A company cheque amounting to the total cost in the TSR shall be sent thru courier to MIRDC. Test
Courier Service transaction	requested shall commenced once payment have been received.
STEP 5	Minimum Requirements:
MML conducts test requested and evaluate results	1. All sample preparations shall be prepared using the requirements of the standard test methods / standard specifications whichever is applicable.
	2. Machining process or any other sample preparation shall not alter the mechanical properties of the items to be tested.
STEP 6	For Face to Face transaction:
MML releases the test certificate	Proceed to ATD-DHO and present the customer's TSR, Official Receipt and Authorization Letter (if representative) to claim Test Certificate.
	For Thru Courier transaction:
	Customer has the option to pick-up the test certificate at MIRDC or pay the courier amount to send the Test Certificate via courier.
	For BPS:
	Test results will be sent using PCIMS
	Test Results and Certificates will be available 10 working days depending on the queuing of test activities
	of the laboratory. Samples with 20 or more in quantity may be released more than 10 working days.
	Ledward A. Malit at Tel. No. 8-837-0431 local 486 or at email address mechanical.mirdc@yahoo.com and
atd.pls.mechanical@gmail.com	

PROCEDURE FOR AVAILING OF NONDESTRUCTIVE TESTING LABORATORY (NDT) SERVICES

STEP 1 Request for Quotation Online	Company Name aEmail address an	ng official/person, designa and Address	ation	mirdc.dost.gov.ph				
STEP 2 Request for Test:	Fill-out information on the Technical Service Request (TSR) 1. Name of requesting official / person, designation 2. Company name, address, e-mail and contact number/s 3. Sample description and designation.							
Face-to-face transaction and	4. Standard test procedure/ acceptance criteria as need		Standard Specifications as	appropriate including				
For Thru Courier transaction	Submit the following: 1. "Request for Tests" for set Conformity system. 2. For Face to Face transact Test specimen (Sealer For Thru Courier transact Send the test specime Conformity) Note: 1. Samples submitted are set job 2. For Product Conformity	Submit the following: 1. "Request for Tests" for samples entered under the Bureau of Philippine Standard (BPS) Product Conformity system. 2. For Face to Face transaction: Test specimen (Sealed test specimen for samples under BPS Product Conformity) For Thru Courier transaction: Send the test specimen to MIRDC (Sealed test specimen for sample under BPS Product Conformity) Note: 1. Samples submitted are subject for evaluation by the laboratory personnel prior to the acceptance of the						
STEP 3	submitting the specimen For Face to Face transaction		quired under BPS procedur	e.				
Check the information		chnical Service Request (TSR).					
For Face to Face transaction and For Thru Courier transaction.	For Thru Courier transactio TSR will be sent to the c shall be scanned and en	ustomer for review and cu	ustomer shall sign in the co	nforme. This document				
	Testing Fees are as follows): ::						
	For Radiographic Testing							
	10mm thick and below	>10-25mm thick	>25-35mm thick	>35-50mm thick				
	₱ 540.00	₱ 570.00	₱ 620.00	₱ 660.00				
	For Radiographic Testing	(14" x 17" film)						
	10mm thick and below	>10-25mm thick	>25-35mm thick	>35-50mm thick				
	₱ 1,140.00	₱ 1,165.00	₱ 1,190.00	₱ 1,230.00				
	For Ultrasonic Testing							
	Flaw Detection (per sq. ft.)	Flaw Detection (per linear ft.)	Thickness Gaging (per point)					
	₱ 385.00	₱ 420.00	₱ 60.00					

NONDESTRUCTIVE TESTING LABORATORY (NDT) SERVICES

	For Liquid Penetrant Tes	sting	,	
	Visible (per sq. ft.)	Visible (per linear. ft.)	Fluorescent (per sq. ft.)	Fluorescent (per linear. ft.)
	₱ 370.00	₱ 360.00	₱ 420.00	₱ 370.00
	For Magnetic Particle Te	sting		
	Wet-Visible (per sq. ft.)	Wet-Visible (per linear. ft.)	Fluorescent (per sq. ft.)	Fluorescent (per linear. ft.)
	₱ 540.00	₱ 570.00	₱ 620.00	₱ 660.00
STEP 4 Payment	For Face to Face transact Proceed to Cashier for (Cash Basis or Dated 0	payment and present the T	TSR.	
Face-to-face transaction and	For Thru Courier transacti	on:		
Courier Service transaction	A company cheque am	ounting to the total cost in tenced once payment have be		courier to MIRDC. Test
STEP 5	Minimum Requirements:			
NDT conducts test requested and evaluate results Track the status of service		om oil, grease, coating suc ole preparation for performe		
requested at mirdc.dost.gov.ph/tracking/ using the issued TSR Reference Number	and other. Additional sam	ore preparation for performe	sa ii tiiis requirement is no	it runnica.
STEP 6	For Face to Face transact			
NDT releases the test certificate	Proceed to ATD-DHO a representative) to claim	and present the customer's Test Certificate.	TSR, Official Receipt and	Authorization Letter (if
	For Thru Courier transacti	on:		
		on to pick-up the test certific	cate at MIRDC or pay the o	courier amount to send the
	Test Certificate via cou	rier.		
	activities of the laboratory			ing on the queuing of test
For any other concerns, please contact Engr.			104 or at email address	
christian.ligon@mirdc.dost.gov.ph and nonde	estructivelaboratorymirdc@c	IIIaii.COIII		



Department of Science and Technology

Philippine Nuclear Research Institute

Irradiation Services Section

Services Offered: Gamma Irradiation Services and Electron Beam Irradiation Services

How to Avail our Services

Step 1

Request for irradiation schedule



a. Apply online through

https://services.pnri.dost.gov.ph/portal/Irradiation/register

- b. Secure approved request for discounted fees, if availing.
- c. The Irradiation Services Section (ISS) approves / disapproves request for irradiation service. Customer receives notification of status of request.

Step 2

Print and sign approved application form



Step 3

Submit samples/products on or before approved irradiation schedule together with application form

Step 4

Pay to the Cashier's Office



Step 5

ISS irradiates samples/products



Irradiation Services			Fees and Charges		
Electron Beam Irradiation Services					
Using Cart Conveyor System	₽	11,500	first hr		
	P	7,500	succeeding hr		
Using Liquid Handling System	₽	12,000	first hr		
	P	8,000	succeeding hr		
Gamma Irradiation Services					
Gammacell 220 Self-shielded Gamma rradiator	P	120	per load-hr		
	P	30	additional hr		
Ob-servo Sanguis Self-shielded Gamma Irı	adiator				
Dose < 0.2 kGy	₽	200	per load-sample		
Dose 0.2 kGy to < 0.5 kGy	₽	500	per load-sample		
Dose 0.5 kGy to < 1 kGy	₽	900	per load-sample		
Dose 1kGy to < 15 kGy	P	1,500	per load-sample		
Dose 15 kGy to < 30 kGy	₽	2,500	per load-sample		
Dose 30 kGy to < 50 kGy	P	3,500	per load-sample		
Dose 50 kGy and above	₽	5,000	per load-sample		
Dose Validation/Test Irradiation	P	3,000	per set of 3 doses		
	₽	1,000	additional dose		
Multipurpose Irradiation Facility		**	****		
Dose < 0.1 kGy	₽	2,500	per load ¹		
	₽	2,000	minimum charge per load ²		
Dose 0.1 to < 1 kGy	₽	3,500	per load ¹		
-	P	3,000	minimum charge per load ²		
Dose 1 kGy to 3 kGy	₽	10,000	per load ¹		
	P	7,500	minimum charge per load ²		
Dose > 3 kGy to 6 kGy	P	15,000	per load ¹		
•	P	10,000	minimum charge per load ²		
Dose > 6 kGy to < 25 kGy	₽	20,000	per load ¹		
•	₽	15,000	minimum charge per load ²		
Dose 25 kGy	₽	25,000	per load ¹		
	₽	20,000	minimum charge per load ²		
Dose Validation/Test Irradiation	P	3,000	per set of 3 doses		
	₽	1,000	per additional dose		
Dose mapping and other samples for R&D	P	5,000	per product load		

¹ Load = 1 load = 14 tote boxes (size of tote box: 70 cm L × 50 cm W × 90 cm H)

Step 6

Pick-up irradiated samples/products



Customer receives notification when samples/products are ready for pick-up.

ISS turn-around time is dependent on the dose requested by clients. Higher dose will require longer irradiation time. More samples will require more irradiation loads.

For Inquiries and assistance



Haydee M. Solomon

OIC, Irradiation Services Section
Tel.: +632 89296011 to 19 loc 248/243

Email: irradiation services@pnri.dost.gov.ph

² Minimum charge = half-load or less

DEPARTMENT OF SCIENCE AND TECHNOLOGY

PHILIPPINE NUCLEAR RESEARCH INSTITUTE

NUCLEAR ANALYTICAL SERVICES



Remarks

SAMPLE RECEIVING AND REPORTS RELEASING PROCEDURE

Analyte

STEP 1



Request appointment schedule and register online

Go to the PNRI Nuclear Analytical Services Online Application via https://services.pnri.dost.gov.ph/portal/natas/Apply

- 1. Secure an appointment slot and register for nuclear analytical services by filling-out the online form.
- The Nuclear Analytical Techniques Application Section approves or disapproves appointment and job order request submitted. Customer receives notification of the status of the request.

Test Method

STEP 2



Check and print approved appointment notification and job order request

Step 3



Submit sample and settle dues

Step 4



PNRI conducts testing and evaluation.

Jampic	Analyte	restriction	100		Remarks
Gammametric Analysis	<u> </u>			'	
Food samples and	Gamma activity: Cesium-	Gamma Spectrometry - Food	₽	2,400.00	per sample/hour counting
1	137, Cesium-134, and	and Feedstuff	₽	200.00	per additional RN with same calibration
	Iodine-131		₽	1,600.00	per additional hour counting
			₽	600.00	certification (food samples only)
			₽	250.00	additional fee for samples that need to be
			4	250.00	chopped and homogenized (sample prep)
Environmental samples	Gamma activity: Cesium-	Gamma Spectrometry -			
(ore, sludge, solids and	137, Cesium-134, U and Th	Environmental	P	2,900.00	per sample/hour counting
liquids, etc.)	progenies (Bi-214, Pb-214,				
	TI-208 & Ac-229)		P	200.00	per additional RN with same calibration
			₽	1,600.00	per additional hour counting
	To be determined	Gamma Spectrometry	To be determine	ed	With prior consultation
	depending on		depending on		
	requirement		requirement		
Liquid Scintillation Cou	rting Gross Alpha, Total Beta	Gross Alpha-Beta Analysis of	Ð	4 700 00	for the first sample
water/freshwater	Activity	Drinking Water/freshwater		4,700.00	Thor the hist sample
vater/ iresitwater	Activity	Dilliking water/freshwater	₽	2,300.00	per succeeding sample (maximum of 5 pe batch)
Water	Tritium, Carbon-14	Tritium, Carbon-14 in liquids (direc	ct ₱	2,600.00	per RN for the first sample
			₽	1,500.00	per RN for succeeding samples (maximun
Drinking	Radon-222	Radon-222 in drinking	₽	4,700.00	of 5 per batch) per sample
Vinegar	Carbon-14	Authentication of naturally	₽	5,000.00	per sample
		fermented vinegar		-	
Elemental Analysis by XRF					
Soil or sediment	Na to U	Elemental Analysis - Qualitative	₽	1,350.00	per sample/sec target/500 sec ctg
		Elemental Analysis - Quantitative	₽	2,900.00	per sample/sec target/500 sec ctg (multi-
		Elemental Analysis - Quantitative	₽	1,100.00	per succeeding sample/sec target/500 see
					ctg (max of 9 per batch)
Air Particulate Matter	Na to U	Elemental Analysis - Quantitative	₽		for first sample (multi-element)
sample collected on		Elemental Analysis - Quantitative	₽	2,200.00	per succeeding sample (maximum of 9 pe
Sample Preparation for	1	SPEX Automated X-Press	₽	400.00	per sample



XRF Analysis (Envr

samples) Air Particulate Matter

Sample

On site Submission

Air particulate matter mass

Bring properly labeled samples, payment, and approved appointment notification.

SPEX MIxer/Mill

Mass Determination (Micro

Freezer Mill



Courier Services

250.00 per sample/hour counting

320.00 per sample

1,200.00 per sample

Coordinate with NATA Staff via email the details of the package delivery arrangements.

Step 5



PNRI releases service analysis

GAB 45 days RDN 15 days GAM (Food) 5 working days per 3 samples

XRF 15 days VIN 15 days

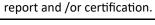
Nuclear Analytical Services Turn Around Time

Nuclear Analytical Techniques Application Section

Mr. Raymond J. Sucgang, R.Ch. (Laboratory Manager)

Trunkline: +632 8 9296011 to 19 local 276/281/291 Telefax: +632 8 9267343

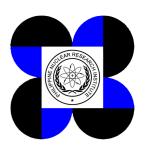
NATAS Customer Care: natas@pnri.dost.gov.ph



For inquiries and assistance:

ISSUANCE OF PERMIT TO TRANSPORT

PNRI issues Permit to Transport to authorize licensees to transport packages containing radioactive materials. Issuance of the permit ensures that the package and arrangements for security meet the requirements for the safe and secure transport of radioactive material in accordance with the Code of PNRI Regulations (CPR) Parts 4 and 27.



CHECKLIST FOR REQUIREMENTS



- 1. SIGNED LETTER OF REQUEST (1 COPY)
- 2. DULY ACCOMPLISHED AND SIGNED CONSIGNOR'S DECLARATION FOR THE TRANSPORT OF RADIOACTIVE MATERIALS (1 COPY)
- 3. SUPPORTING SHIPPING DOCUMENTS, IF APPLICABLE (1 COPY)
- 4. APPROVED APPOINTMENT SCHEDULE

WHERE TO SECURE

FOR CONSIGNOR'S DECLARATION FORM, REQUEST VIA EMAIL AT nrd-ie@pnri.dost.gov.ph

FOR SCHEDULING OF APPOINTMENT, REQUEST ONLINE VIA PNRI Services Portal at

https://services.pnri.dost.gov.ph/portal/Appoint

STEPS

1. SUBMIT SCANNED COPIES OF DOCUMENTARY REQUIREMENTS

VIA EMAIL AT nrd-ie@pnri.dost.gov.ph





2. REQUEST FOR AN APPOINTMENT ONLINE VIA PNRI SERVICES

PORTAL AT https://services.pnri.dost.gov.ph/portal/Appoint





3. PAY TO CASHIER ON THE CONFIRMED APPOINTMENT DATE



4. RECEIVE TWO (2) COPIES OF PERMIT TO TRANSPORT







SAMPLE PERMIT TO Transport

CONTROLL CONTROL CONTROLL CONTROLL CONTROL CONTR

SAMPLE CONSIGNOR'S DECLARATION





APPLICATION FOR A RADIOACTIVE MATERIAL

STEPS

STEP 1: TYPE: https://pnri.dost.gov.ph/index.php/downloads/pnri-forms

IN YOUR BROWSER AND DOWNLOAD THE LICENSE APPLICATION FORM





STEP 2: SUBMIT THE SCANNED COPY OF THE ACCOMPLISHED FORM AND OTHER NEEDED DOCUMENTS TO

nrd-lre@pnri.dost.gov.ph





STEP 3: WAIT FOR AN ACKNOWLEDGEMENT E-MAIL WHETHER YOUR APPLICATION IS "COMPLETE" OR "INCOMPLETE"

A: COMPLETE APPLICATIONS WILL BE PROCESSED WITHIN FIFTEEN (15) WORKING DAYS

B: INCOMPLETE APPLICATIONS WILL ONLY BE ACCEPTED ONCE THE REQUIRED DOCUMENTS INDICATED IN THE ACKNOWLEDGEMENT EMAIL ARE SUBMITTED





STEP 4: ONCE YOUR RADIOACTIVE MATERIAL LICENSE IS READY FOR PICKUP, YOU WILL RECEIVE AN EMAIL INDICATING THE DETAILS OF SETTING AN APPOINTMENT DATE AND STATEMENT OF CHARGES FOR THE LICENSE FEE.









ISSUANCE OF CERTIFICATE OF RELEASE

DEFINITION OF TERMS

CERTIFICATE OF RELEASE - IS A DOCUMENT CERTIFYING THAT THE RADIOACTIVE MATERIALS BEING IMPORTED ARE COVERED BY A VALID RADIOACTIVE MATERIAL LICENSE AND CAN BE RELEASED BY THE BUREAU OF CUSTOMS FROM ANY PORTS OF ENTRY.

LICENSEE IS A HOLDER OF A PNRI LICENSE ISSUED PURSUANT TO THE CODE OF PNRI REGULATIONS.

RADIOACTIVE MATERIAL IS A CLASS 7 DANGEROUS GOODS DEFINED IN THE CODE OF PNRI REGULATIONS.

SRAN - SCIENCE RESEARCH ANALYST

SRS - SCIENCE RESEARCH SPECIALIST								
STEPS	PERSON RESPONSIBLE	DETAILS						
STEP 1: RECEIVE REQUEST	SRAN/SRS I	RECEIVES REQUEST FOR CERTIFICATE OF RELEASE						
STEP 2: REVIEW/VERIFY DOCUMENTS STEP 3: PREPARE THE	SRAN/SRS I	REVIEWS AND EVALUATES THE SUBMITTED DOCUMENTS, I.E., AIRWAY BILL AND SHIPPING DOCUMENTS, ALSO, REFER TO RADIOACTIVE MATERIAL LICENSE FOR THE COVERAGE OF AUTHORIZATION						
CERTIFICATE OF RELEASE	SRAN/SRS I	PREPARES THE CERTIFICATE OF RELEASE (REFER TO CPR. PT.22)						
STEP 4: REVIEW/INITIAL THE CERTIFICATE OF RELEASE	SRS II/SENIOR SRS	REVIEWS AND VERIFIES THE Prepared Certificate of Release For Approval						
STEP 5: APPROVE THE CERTIFICATE OF RELEASE	HEAD, LRES	SIGNS AND APPROVES THE CERTIFICATE OF RELEASE						
STEP 6: PAYMENT OF CERTIFICATE FEE	LICENSEE	PAYS CORRESPONDING FEES AT THE PNRI CASHIER'S OFFICE						
STEP 7: AFFIX PNRI DRY SEAL AND RELEASE THE	SRAN/SRS I	AFFIXES THE PNRI DRY SEAL AND RELASES THE CERTIFICATES RECORDS IN QR-LRES-07 (LIST OF						
CERTIFICATE		ISSUED CERTIFICATE OF RELEASE)						





PTRI TESTING SERVICES

FOR CLOTH FACE MASKS FOR COMMUNITY USE

STEP 1

Request online



Send the following information to Engr. May S. Rico, msrico@ptri.dost.gov.ph

- 1. Name of requesting official/person, designation
- 2. Company name and address; indicate if mask assembler or fabric manufacturer/supplier
- 3. Email address and contact number
- 4. Picture of sample/s with sample description
- Material specifications with technical information on functional finishes (water repellency, antiwicking, etc.), if any, on the material
- 6. Source or origin of raw materials

STEP 2

Check the information





Print and sign the Test Request form that will be sent through email.

Tests and Testing Fees are as follows:

For Fabric Material (Must Pass Test Set 1; Test Set 3 Additional/Optional)



Composition of the mask layers

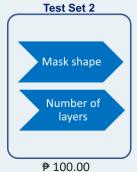
Fabric type of the mask layers

₱ 1,350.00

₱ 4,485.00

Test Set 1

For Assembled Face Masks (Must Pass Test Sets 1 & 2; Test Set 3 Additional/Optional)

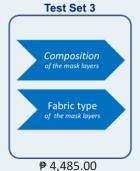


Air
permeability
of the mask
assembly

Water
repellency
of outer layer

Absorbency
of the inner and
middle layer

₱ 1,350.00



Evaluation of Results - ₱ 280.00 per sample

STEP 3

Send the signed test request, sample, and cash payment

Courier service



Face-to-face transaction
By appointment



For Mask Assemblers:

OR



Fabric material

<u>Size:</u> 1 square meter per layer <u>Label:</u> outer, middle inner layer <u>Identify:</u> face/front of the fabric Plus 2 identical pieces of face masks

Assembled face masks



20 <u>identical</u> pieces
Minimum three (3) layers
Mask shape: duckbill, flat-fold,

For Fabric Manufacturers/Suppliers:

Fabric material



<u>Size:</u> 1 square meter per layer <u>Label:</u> outer, middle inner layer <u>Identify:</u> face/front of the fabric

STEP 4

PTRI conducts testing and evaluation





Minimum Requirements:

Water Repellency: Spray Test: At least 70

Absorbency: ≤5 seconds

Air Permeability: 20-70 cm³/s/cm²

Number of layers: ≥ 3

Evaluation Procedure:

For Fabric Material, MUST pass Test Set 1 before Test Set 3

For Assembled Face Masks, MUST pass Test Set 2 before Test Set 1 before Test Set 3

Note: If mask assembler procures fabric that already passed testing, only Test Set 2 is required. A copy of the test report must be submitted along with two (2) identical pieces of assembled face mask samples.

STEP 5

PTRI releases the test report and evaluation through email



Test results and evaluation will be available 72 hours from receipt of the request, samples, and payment.