ASBESTOS-CONTAINING MATERIALS LIMITED SURVEY

IMPROVEMENTS ACAA BLDG REGION SJ (LIMITED TO APPROX. AREA 86.7’ X 42’) & IMPROVEMENTS ACAA BLDG LOBBY (APPROX. AREA 30.1’ X 28.10’),

Avenida Arterial Hostos, San Juan Puerto Rico 00918



Inspection Date: August 6, 2024

Prepared for: ACAA/ABACUS Architecture PSC

Prepared by: Nortol Environmental & Occupational Safety, Inc.

Inspector:

Hiram Torres
Asbestos Inspector
ASB-0324-0101-SI

nortol.
Environmental & Occupational Safety, Inc. Est. 2002

NORTOL *has performed this survey in a thorough and professional manner consistent with commonly accepted industry standards.*

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Acronyms

A/C	=	Air Conditioning
ACM	=	Asbestos-containing Material
ACBM	=	Asbestos-containing Building Material
AHERA	=	Asbestos Hazard Emergency Response Act
ASHARA	=	Asbestos School Hazard Abatement and Reauthorization Act
CFR	=	Code of Federal Regulations
CPSC	=	Consumer Product Safety Commission
EPA	=	Environmental Protection Agency
Ft2	=	square feet
HA	=	Homogeneous Area
HUD	=	Department of Housing and Urban Development
LF	=	Linear Feet
NESHAP'S	=	National Emission Standards for Hazardous Air Pollutants
NIOSH	=	National Institute for Occupational Safety and Health
OSHA	=	Occupational Safety and Health Administration
PLM	=	Polarized Light Microscopy
PRDOH	=	Puerto Rico Department of Housing
PRDNER	=	Puerto Rico Department of Natural and Environmental Resources
SACM	=	Suspect ACM
SOW	=	Scope of Work
TEM	=	Transmission Electron Microscopy
TSI	=	Thermal System Insulation
VFT	=	Vinyl floor tiles

I. INTRODUCTION

As part of the environmental due diligence, this limited survey is intended to assess the general presence, quantity, and location of suspected asbestos-containing materials (SACM) at Improvements ACAA Bldg Region SJ (limited to approx. area 86.7' x 42') & Improvements ACAA Bldg Lobby (approx. area 30.1' x 28.10') projects located at *Avenida Arterial Hostos, San Juan, P.R. 00918*5.

The SACM limited survey was conducted on August 6, 2024, by Mr. Hiram Torres (ACM inspector num. ASB-0324-0101-SI) from Nortol. Inspector's credential(s) is included in **Attachment 1.** Nortol's survey areas and report are limited to the details provided in Section II part D.

Nortol identified SACM and bulk samples were collected and submitted for laboratory analysis. The bulk sample's results were reported by the laboratory as "None Detected" or <1%. Table of asbestos summary findings is included as **Attachment 2.**

There is concrete, metal, and wood structural components. The floors have vinyl, terrazzo, or ceramic tiles. Also, ceramic tiles are present on some walls. The survey SOW was limited to Improvements ACAA Bldg Region SJ (limited to approx. area 86.7' x 42') & Improvements ACAA Bldg Lobby (approx. area 30.1' x 28.10'), San Juan, P.R.

II. ASBESTOS SURVEY REPORT

A. Survey Protocol:

This activity was conducted following the latest protocol for assessing materials suspected of containing asbestos as defined by the U.S. Environmental Protection Agency (EPA). It involved a visual walk-through inspection of the accessible areas of the building to develop an inventory of suspect ACM homogeneous materials. During the sampling activities, suspected ACM was touched and observed by the inspector to determine its friability and physical condition. A friable material is defined as a material that when dry, can be crumbled, or reduced to powder by hand pressure. The friability of a material causally relates to the potential of the asbestos fibers to be released. The inspector assessed the suspect ACM according to their physical condition and potential damage.

B. Sampling Procedure:

The technique used for sampling the suspected accessible materials was designed to minimize possible fiber release and in turn possible contamination of surrounding areas. Representative

suspected material samples were collected in accordance with the EPA's AHERA/ASHARA guidelines and procedures presented in the *Guide for Controlling Asbestos Containing Materials in Building (EPA 560-6-85-024, June 1985)* and characterized following the *National Emission Standard for Hazardous Air Pollution (NESHAP)*, subpart M-Asbestos, 40 CFR Part 61-Standard for Demolition and Renovation. Samples of the homogeneous accessible materials were collected in quantities enough to determine asbestos content, and then placed in airtight bags. The bagged samples were properly collected, labeled, and identified. A Chain of Custody form was completed for collected bulk samples which were analyzed by an independent laboratory using PLM method. The laboratory utilizes dispersion staining techniques according to US EPA method 600/M4-82-020 incorporating visual estimates of identified material percentages.

C. Regulatory Review:

According to NESHAP's standards (40 CFR 61.141), Asbestos Containing Building Materials are classified into three categories: Category I - Nonfriable asbestos-containing material (ACM), Category II – other Nonfriable ACM, and Regulated asbestos-containing material (RACM). ACMs are classified into three categories according to EPA-AHERA/ASHARA's standards (40 CFR Part 763): Surfacing material, Thermal System Insulation (TSI) and Miscellaneous material.

Once the inspector has identified the ACM in a building, he or she must perform a physical assessment of TSI and friable material. Under § 763.88 of the AHERA Rule, the physical assessment of ACBM involve classifying the material into one of the following seven Categories: Damaged or significantly damaged TSI ACM; Damaged friable surfacing ACM; Significantly damaged friable surfacing ACM; Damaged or significantly damaged friable miscellaneous ACM; ACBM with potential for damage; ACBM with potential for significant damage; and Any remaining friable ACBM or friable suspected ACBM.

The PRDNER- former Environmental Quality Board (Regulation for the Control of Atmospheric Pollution-Rule 422) enacted in 1995, required all commercial and public building, including industries to identify asbestos containing building materials in their structures and take appropriate actions to control the release of asbestos fiber. Asbestos inspection is part of the permitting application process for any future project in the buildings which may include renovation or demolition activities regulated by the PR State/Municipal Offices. To obtain demolition permits in Puerto Rico is necessary to include a certification (OGP-PGC-009 or equivalent) stating that there is no asbestos containing material in the project.

D. Survey Areas – Extent of Survey Coverage:

The survey included a detailed structure inspection providing a general sense of the overall location, type, quantity, and condition of potential ACMs present. The survey was thorough in the interior or exterior accessible functional spaces, and bulk samples were taken of suspect materials observed. The presence of asbestos in suspect materials was assumed or presumed in some cases without bulk samples being collected or analyzed (when applicable). This was necessary for locations where materials were inaccessible or areas that were unsafe to access (e.g., elevated heights, energized equipment, confined spaces, etc.). For those areas that were not safely accessible, suspect materials observed or presumed to be present were documented and assumed as ACMs. The survey did not include intrusive and/or exploratory testing.

Areas Not Included in Survey and Service Constraints: All professional opinions presented in this report are based on information made available either by review of data provided by others or data gathered by Nortol personnel. Nortol affirms that data gathered and presented by Nortol in this report was collected in an appropriate manner in accordance with accepted methods and practices. Any energized utilities/services, including electricity, water and heat were assumed to be active. Materials associated with these items were determined to not be safely accessible and were not sampled. Suspect ACMs associated with these items should be assumed ACM until the systems can be de-energized and safely sampled. The survey did not include access or inspection of confined spaces or subsurface/underground areas including piping, conduits, building footings and soils (surficial or otherwise).

E. Findings

Nortol identified a total of **3** HA, of which **7** suspect ACM bulk samples were collected and submitted for laboratory analysis. The bulk samples collected as part of this survey were reported by the laboratory as "None Detected" or <1%. The client has always the alternative to request alternative analysis methods (i.e., TEM or Point counting) to get a more precise result. Furthermore, no additional suspect material was observed during the visual assessment that needed to be assumed as ACM. Table of asbestos summary findings is included as **Attachment 2.**

Attachment 3 includes Representative Pictures\Photograph Log, while the laboratory results, and field chain of custody are included as **Attachment 4**. Laboratory Certificates are included in the **Attachment 5**. A basic diagram with the approximated sampling locations is included as **Attachment 6.** Certification of Non-Presence of Asbestos (PGC-009) is included as **Attachment 7.**

III. CONCLUSION

ACM limited survey was conducted for the project identified with the header ID. Nortol identified SACMs and bulk samples were collected and submitted for laboratory analysis. Findings are described in Section II part E. Table of asbestos summary is also included as **Attachment 2.**

Any conditions or materials that could not be visually identified or were out-of-the SOW, were not inspected and may differ from those conditions or materials noted. It was not within the scope of the activity to remove surface materials to investigate portions of the structure or materials that may lay beneath the surface. Nortol's selection of sample locations and frequency of sampling was based on Nortol's observations and the assumption that similar materials in the same area are homogeneous in content.

The report is designed to aid the building owner, architect, construction manager, general contractors, and potential asbestos or lead abatement contractors in locating ACM. Under no circumstances is the report to be utilized solely as a bidding document or as a project specification document.

Attachment 1

Inspector's Credential

HIRAM TORRES
Puerto Rico
Asbestos Inspector



ASB-0324-0101-SI
Número de Registro

8-mar-2025
Fecha de vencimiento

TARJETA DE REGISTRO
PARA LA REMOCION DE ASBESTO

Esta tarjeta autoriza a:

Hiram Torres

Inspector

A trabajar en la remoción de asbesto en Puerto Rico. Esta persona **NO** es un empleado del DRNA.

Firma Autorizada - Departamento
Recursos Naturales y Ambientales

www.nortolpr.com | info@nortolpr.com | 787.420.0220
PO Box 366457, San Juan, PR 00936-6457

Attachment 2
Table Asbestos Summary Findings

Table Asbestos Summary Findings

Bulk Sample Results for Asbestos
Project: **IMPROVEMENTS ACAA BLDG REGION SJ (APPROX. AREA 86.7' X 42') & IMPROVEMENTS ACAA BLDG LOBBY (APPROX. AREA 30.1' X 28.10'), SAN JUAN, P.R.**
Address: *Avenida Arterial Hostos, San Juan, 00918*

Project ID	Municipality	HA No.	Material Type	Material Primary Color	Material Texture	Asbestos Results	Floor Designation	Material Location	Location	Condition	Approx Quantity *	Units	Sample ID	Sample Location	Sample Content	Asbestos Type	Friable	Sample Date	Consultant	Method	Lab
IMPROVEMENTS ACAA BLDG REGION SJ (APPROX. AREA 86.7' X 42') & IMPROVEMENTS ACAA BLDG LOBBY (APPROX. AREA 30.1' X 28.10'), SAN JUAN, P.R.	San Juan	1	Floor Vinyl Tile & Mastic	Gray	Smooth	NAD (Non-Asbestos Detected)	First Floor	INTERIOR BUILDING	Floor	Damaged	1,400	SF	ACAARSJ-HA1-HT-01	INTERIOR BUILDING	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	1	Floor Vinyl Tile & Mastic	Gray	Smooth	NAD (Non-Asbestos Detected)	First Floor	INTERIOR BUILDING	Floor	Damaged		SF	ACAARSJ-HA1-HT-02	INTERIOR BUILDING	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	1	Floor Vinyl Tile & Mastic	Gray	Smooth	NAD (Non-Asbestos Detected)	First Floor	INTERIOR BUILDING	Floor	Damaged		SF	ACAARSJ-HA1-HT-03	INTERIOR BUILDING	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	2	Pipe Insulation	Blue	Rough	NAD (Non-Asbestos Detected)	First Floor	AC ROOM	Other	Damaged	40	LF	ACAARSJ-HA2-HT-04	AC ROOM	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	2	Pipe Insulation	Blue	Rough	NAD (Non-Asbestos Detected)	First Floor	AC ROOM	Other	Damaged		LF	ACAARSJ-HA2-HT-05	AC ROOM	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	3	Floor Vinyl Tile & Mastic	Beige	Rough	NAD (Non-Asbestos Detected)	First Floor	LOBBY	Floor	Damaged	35	SF	ACAARSJ-HA3-HT-06	LOBBY	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing
	San Juan	3	Floor Vinyl Tile & Mastic	Beige	Rough	NAD (Non-Asbestos Detected)	First Floor	LOBBY	Floor	Damaged		SF	ACAARSJ-HA3-HT-07	LOBBY	NAD (Non-Asbestos Detected)	NAD (Non-Asbestos Detected)	No	8/6/2024	NORTOL	PLM	Eurofins EPK Built Environment Testing

*** abatement contractors are responsible to confirm this estimate on site.**

Attachment 3

Representative Pictures\Photograph Log



Hiram Torres
NORTOL Environmental & Occupational Safety, Inc.

IMPROVEMENTS ACAA BLDG REGION SJ (APPROX. AREA 86.7' X 42') & IMPROVEMENTS ACAA BLDG LOBBY (APPROX. AREA 30.1' X 28.10'), SAN JUAN, P.R. - ACM SURVEY PHOTO LOG

Built circa: Not available at the moment of the inspection

Tuesday, August 6, 2024

Prepared For ABACUS Architecture PSC

ABACUS Architecture PSC



FRONT VIEW:

(18.4254764, -66.0636945)

LOCATION:

(18.4254764, -66.0636945)







1

SCOPE OF WORK:

Full inspection A/L in ACAA Bldg Region SJ &

Improvements ACAA Bldg Lobby.

Job Id: 2024-374-ASB/LBP

GENERAL VIEWS:





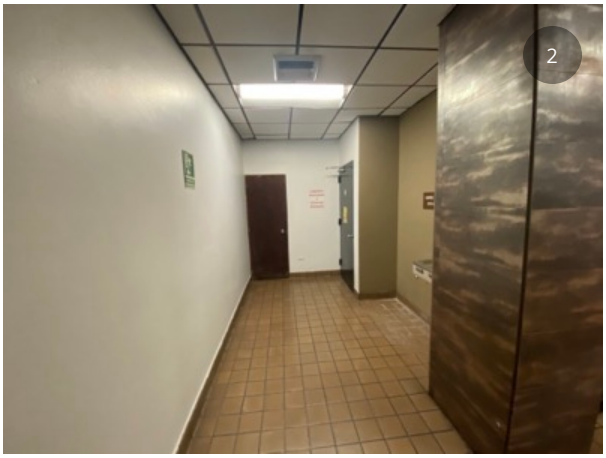


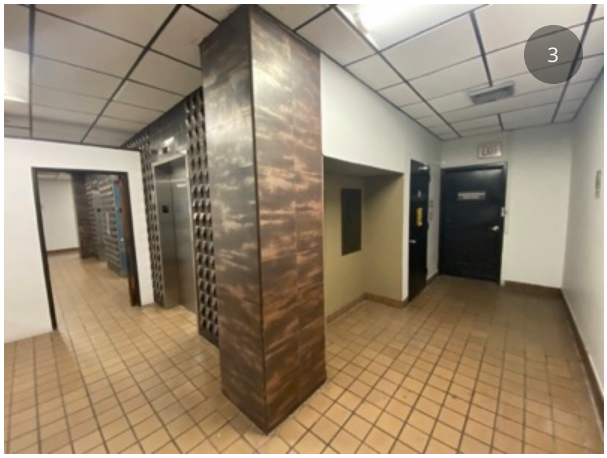


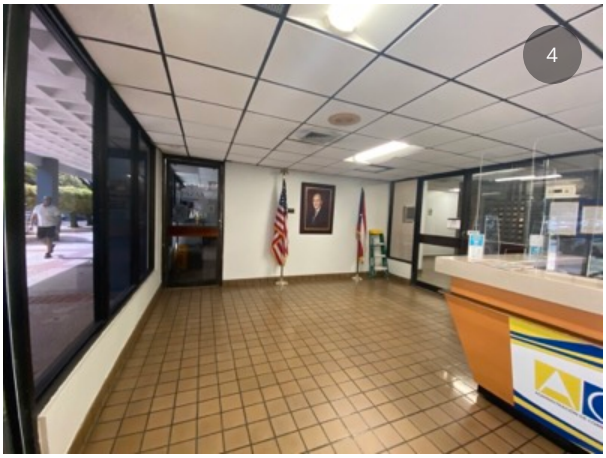


GENERAL VIEWS:













1

IS THERE ANY AREA WITHOUT ACCESS ?

All areas were accessible.



1

IS THERE ANY VISIBLE INDICATION OF MOLD ?

No, mold was not found visible at the moment of the inspection.



1

ARE THERE SIGNS OF POOR HOUSEKEEPING ON SITE? (MOUNDS OF RUBBLE, GARBAGE, STORM DEBRIS, SOLID WASTE, PETROLEUM PRODUCTS, PAINT, PESTICIDES, CLEANING FLUIDS, VEHICLE BATTERIES, ABANDONED VEHICLES, PITS, POOLS, PONDS OF HAZARDOUS SUBSTANCES, ETC.)

Not found at the moment of the inspection.



ARE ANY ADDITIONAL SITE HAZARDS OBSERVED?

Not found at the moment of the inspection.

WINDOW / DOOR CAULKING:

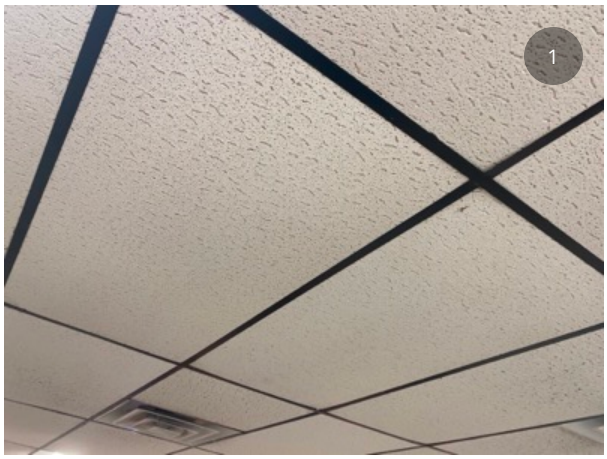
SACM caulking was not found visible at the moment of the inspection.

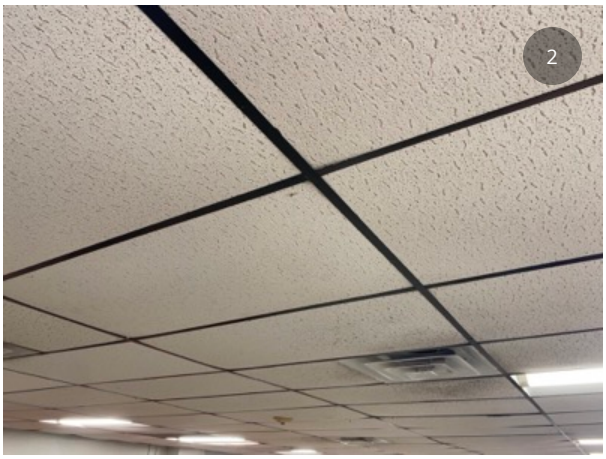




CEILING TILE:

Ceilings tiles are non-suspect to asbestos containing and samples were not taken.

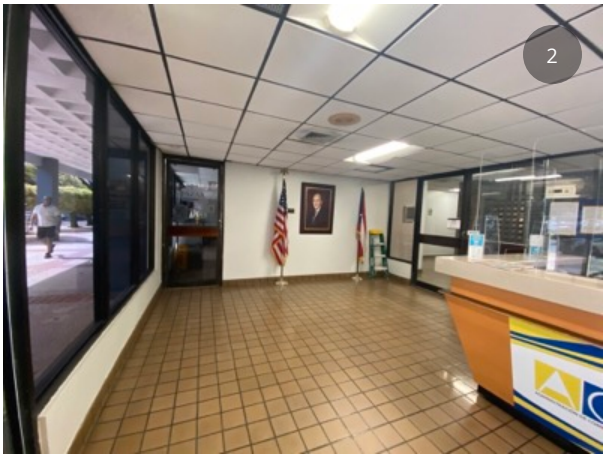




CEILING TILE: BLDG. LOBBY

Ceilings tiles are non-suspect to asbestos containing and samples were not taken.





BASEBOARD: BLDG. REGION SJ

Vinyl baseboard are non-suspect to asbestos containing and samples were not taken.





A/C DUCT: BLDG. REGION SJ

AC Duct Insulation is non-suspect to asbestos containing and samples were not taken.









A/C DUCT: BLDG. LOBBY

AC Duct Insulation is non-suspect to asbestos containing and samples were not taken.



SACM VISIBLE? INTERIOR BUILDING

Assigned To: HA1

3 SACM samples were taken from gray vinyl floor tile.

(Qty. 1,400 SF Approx.)

Condition: Good

ACAARSJ-HA1-HT-01, 02, 03 **(Asbestos was not detected in the analyses)**





SACM VISIBLE? AC ROOM

Assigned To: HA2

2 SACM samples were taken from blue pipe insulation.

(Qty. 40 LF Approx.)

Condition: Damage

ACAARSJ-HA2-HT-04, 05 **(Asbestos was not detected in the analyses)**





SACM VISIBLE? LOBBY

Assigned To: HA3

2 SACM samples were taken from beige vinyl floor tile.

(Qty. 35 SF Approx.)

Condition: Damage

ACAARSJ-HA3-HT-06, 07 (Asbestos was not detected in the analyses)





Attachment 4

Asbestos Laboratory Report and Chain of Custody

eurofins | Built Environment Testing

Report for:

Norma Torres
Nortol Env & Occupational Safety Inc
PO BOX 366457
San Juan, PR 00936-6457

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: Impovement ACCA Bldg. Region SJ & Improvement; ACCA Bldg. Lobby, San Juan, P.R
EML ID: 3740213

Approved by:



Approved Signatory
Balu Krishnan

Dates of Analysis:
Asbestos PLM: 08-12-2024

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200738-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EPK Built Environment Testing, LLC
6340 NW 5th Way, Ft. Lauderdale, FL 33309
(866) 871-1984 www.eurofinsus.com/Built

Client: Nortol Env & Occupational Safety Inc
C/O: Norma Torres
Re: Impovement ACCA Bldg. Region SJ & Improvement; ACCA Bldg. Lobby, San Juan, P.R

Date of Sampling: 08-06-2024
Date of Receipt: 08-09-2024
Date of Report: 08-12-2024

ASBESTOS PLM REPORT

Total Samples Submitted:	7
Total Samples Analyzed:	7
Total Samples with Layer Asbestos Content > 1%:	0

Location: ACAARSJ-HA1-HT-01, VFT Lab ID-Version‡: 18418228-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
White Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

Location: ACAARSJ-HA1-HT-02, VFT Lab ID-Version‡: 18418229-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
White Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

Location: ACAARSJ-HA1-HT-03, VFT Lab ID-Version‡: 18418230-1

Sample Layers	Asbestos Content
Gray Floor Tile	ND
Yellow Mastic	ND
White Leveling Compound	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins EPK Built Environment Testing, LLC
6340 NW 5th Way, Ft. Lauderdale, FL 33309
(866) 871-1984 www.eurofinsus.com/Built

Client: Nortol Env & Occupational Safety Inc
C/O: Norma Torres
Re: Impovement ACCA Bldg. Region SJ & Improvement; ACCA Bldg. Lobby, San Juan, P.R

Date of Sampling: 08-06-2024
Date of Receipt: 08-09-2024
Date of Report: 08-12-2024

ASBESTOS PLM REPORT

Location: ACAARSJ-HA2-HT-04, Pipe Insulation

Lab ID-Version‡: 18418231-1

Sample Layers	Asbestos Content
White Mastic /Paint	ND
Silver Tape /Black Mastic	ND
Black Mastic	ND
Yellow Foam	ND
Composite Non-Asbestos Content:	5% Cellulose 3% Cotton 3% Wollastonite
Sample Composite Homogeneity:	Moderate

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(866) 871-1984 www.eurofinsus.com/Built

Client: Nortol Env & Occupational Safety Inc
C/O: Norma Torres
Re: Impovement ACCA Bldg. Region SJ & Improvement; ACCA Bldg. Lobby, San Juan, P.R

Date of Sampling: 08-06-2024
Date of Receipt: 08-09-2024
Date of Report: 08-12-2024

ASBESTOS PLM REPORT

Location: ACAARSJ-HA2-HT-05, Pipe Insulation

Lab ID-Version‡: 18418232-1

Sample Layers	Asbestos Content
Black Mastic	ND
Pink Foam	ND
Composite Non-Asbestos Content:	5% Glass Fibers 3% Cellulose 3% Wollastonite
Sample Composite Homogeneity:	Moderate

Location: ACAARSJ-HA3-HT-06, VFT

Lab ID-Version‡: 18418233-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

Location: ACAARSJ-HA3-HT-07, VFT

Lab ID-Version‡: 18418234-1

Sample Layers	Asbestos Content
Beige Floor Tile	ND
Yellow Mastic	ND
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

All components not quantified as asbestos content and non-asbestos content are considered to be non-fibrous matrix components. Matrix components may include, but are not limited to, gypsum, paint, silicate minerals, vinyl, binder, calcium carbonate, tar, and foam.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.
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CHAIN OF CUSTODY

www.EMLabPK.com

EMLab P&K
A TestAmerica Company

New Jersey: 3000 Lincoln Drive East, Suite A, Marlton, NJ 08053 * (866) 871-1934
Phoenix, AZ: 1501 West Knudsen drive, Phoenix, AZ 85027 * (800) 651-4802
SSF, CA: 9000 Shoreline Court, Suite 205, South San Francisco, CA 94080 * (866) 888-6653

Weather	Fog	Rain	Snow	Wind	Clear
Level: None	☐	☐	☐	☐	☐
Light	☐	☐	☐	☐	
Moderate	☐	☐	☐	☐	
Heavy	☐	☐	☐	☐	

003740213

CONTACT INFORMATION

Company:	Nortol Env. & Occup. Sfty, Inc.	Address:	PO Box 366457, San Juan, PR 00936-6457
Contact:	Norma Torres	Special Instructions:	
Phone:	787-420-0220		

PROJECT INFORMATION

Project ID:	Improvement ACAA Bldg Region SJ & Improvement ACAA Bldg Lobby, San Juan, PR		
Project Description:			
Project Zip Code:	00918	Sampling Date & Time:	6/Agosto/24 2PM
PO Number:		Sampled By:	H. Torres

TURN AROUND TIME CODES (TAT)

STD – Standard (DEFAULT)
ND – Next Business Day
SD – Same Business Day Rush
WH – Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

REQUESTED S (Use checkboxe

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
ACAARSJ-HA1-HT-01	VFT	B	ND	N/A	Interior Bldg.
ACAARSJ-HA1-HT-02	VFT	B	ND	N/A	Interior Bldg.
ACAARSJ-HA1-HT-03	VFT	B	ND	N/A	Interior Bldg.
ACAARSJ-HA2-HT-04	Pipe Insulation	B	ND	N/A	AC Room
ACAARSJ-HA2-HT-05	Pipe Insulation	B	ND	N/A	AC Room
ACAARSJ-HA3-HT-06	VFT	B	ND	N/A	Lobby
ACAARSJ-HA3-HT-07	VFT	B	ND	N/A	Lobby

Non-Culturable				Culturable												Other Requests			
Spore Trap		Tape Swab Bulk		BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates															
Fungi – Spore Trap Analysis	Spore Trap Analysis – Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Counts (Culturable Air & Surface Bacteria)	Legionella culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):	Quanti-Tray – Sewage Screen		Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis – PLM (EPA method 600/R-93-116)	PCR (specify test):	
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SAMPLE TYPE CODES

BC – BioCassette™	ST – Spore Trap: Zefon, Allergenco, Burkard ...	T – Tape	D – Dust
AIS – Andersen		SW – Swab	SO – Soil
SAS – Surface Air Sampler	P – Potable Water	B – Bulk	
CP – Contact Plate	NP – Non-Potable Water	O – Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	6/Agosto/24 4 PM		8/9/24
			10:00

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at http://www.emlab.com/s/main/serviceterms.html

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Attachment 5
Laboratory Certificates

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200738-0

Eurofins EMLab P&K

Fort Lauderdale, FL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2024-01-01 through 2024-12-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Eurofins EMLab P&K
6301 NW 5th Way, Suite 1410
Fort Lauderdale, FL 33309
Mrs. Tracy Garcia
Phone: 770-368-2171
Email: tracy.garcia@et.eurofinsus.com
http://www.emlab.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200738-0

Bulk Asbestos Analysis

Code	*Description*
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

For the National Voluntary Laboratory Accreditation Program

Attachment 6
Diagram
Bulk Sample's Approximated Location

Improvements ACAA Bldg Region SJ (approx. area 86.7' x 42')
&
Improvements ACAA Bldg Lobby (approx. area 30.1' x 28.10'),
San Juan, P.R.

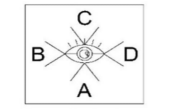
SACM DIAGRAM 1 of 2

(Asbestos was not detected in the analyses)

- ***AREA WHERE SAMPLES WERE TAKEN***
- ***HOMOGENEOUS AREA 1, GRAY VINYL FLOOR TILE***
- ***HOMOGENEOUS AREA 2, BLUE INSULATION PIPE***



EXISTING CONDITION FLOOR PLAN



Room View Key Plan
not to scale

Improvements ACAA Bldg Region SJ
(approx. area 86.7' x 42')

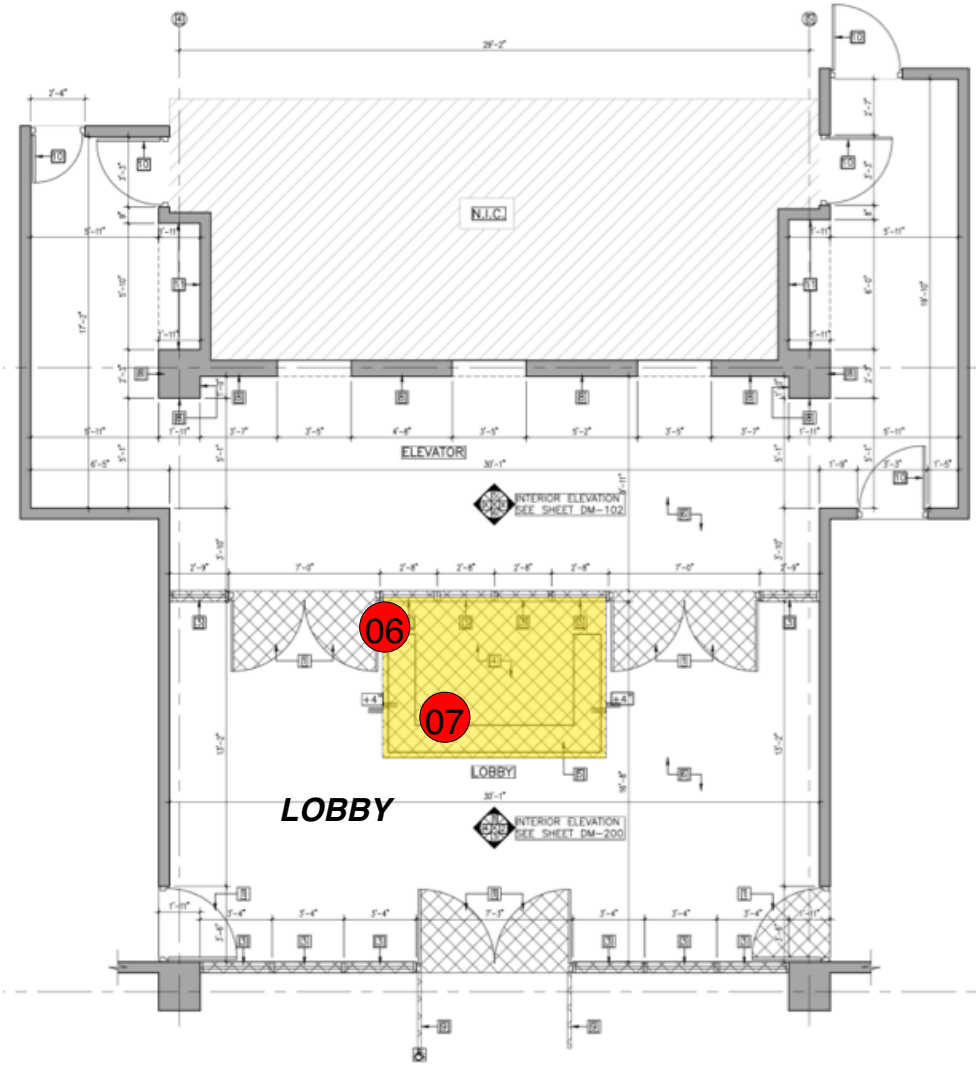


Avenida Arterial Hostos, San Juan, 00918

Improvements ACAA Bldg Region SJ (approx. area 86.7' x 42')
&
Improvements ACAA Bldg Lobby (approx. area 30.1' x 28.10'),
San Juan, P.R.

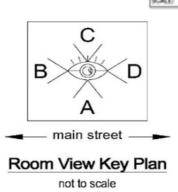
SACM DIAGRAM 2 of 2
(Asbestos was not detected in the analyses)

- ***AREA WHERE SAMPLES WERE TAKEN***
- ***HOMOGENEOUS AREA 3, BEIGE VINYL FLOOR TILE***



LOBBY

AS-BUILT & DEMOLITION LOBBY FLOOR PLAN



Room View Key Plan
not to scale

Improvements ACAA Bldg Lobby
(approx. area 30.1' x 28.10')



Avenida Arterial Hostos, San Juan, 00918

Attachment 7

Certification Non-Presence of Asbestos (PGC-009)

CERTIFICACION DE NO PRESENCIA DE ASBESTO EN ESTRUCTURAS A DEMOLERSE

(Deberá completarse en letra de molde o impresa)

SUBMITTED AS SEPARATE DOCUMENT



www.nortolpr.com | info@nortolpr.com | 787.420.0220
PO Box 366457, San Juan, PR 00936-6457