

Limited Asbestos Assessment

Newhart Middle School

25001 Veterans Way, Building 300, Southeast and Northwest Roofs

City of Mission Viejo
County of Orange
State of California

Project Number: Atch-230586

February 21, 2023



Prepared For:

Capistrano Unified School District

PRIVILEGED & CONFIDENTIAL



A-Tech Consulting, Inc.

www.atechinc.net (800) 434-1025

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ASBESTOS

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This report is intended for the sole use of Capistrano Unified School District. The use or re-use of this document or the findings, conclusion or recommendations presented therein, by any other party or parties are at the sole risk of said user.

Atch-230586
Limited Asbestos Assessment
25001 Veterans Way
Mission Viejo, California 92692

February 21, 2023

Capistrano Unified School District
32972 Calle Perfecto
San Juan Capistrano, California 92675

Attn: Mr. Steve Matteson, Jr.

Re: Newhart Middle School
25001 Veterans Way, Building 300, Southeast and Northwest Roofs
Mission Viejo, California 92692

Pursuant to your request, A-Tech Consulting, Inc. (A-Tech) has completed a Limited Asbestos Assessment of Building 300, Southeast and Northwest Roofs at Newhart Middle School at 25001 Veterans Way in Mission Viejo, California. The following report summarizes the findings of this inspection. Please direct all questions for this project to A-Tech's CSST or CAC who performed the sampling at (800) 434-1025 or pm@atechinc.net.

1.0 INTRODUCTION

A-Tech was contacted by Mr. Steve Matteson, Jr. with Capistrano Unified School District to confirm the presence or absence of asbestos in Building 300, Southeast and Northwest Roofs of Newhart Middle School located at 25001 Veterans Way (subject property), in Mission Viejo, California. The assessment was conducted by Lloyd Hernandez Tanguan - CAC #05-3891 with A-Tech on February 16, 2023. This report is not intended to be a comprehensive assessment.

2.0 SCOPE OF ASSESSMENT

The limited asbestos assessment was performed to identify visible and/or readily accessible suspect friable and non-friable Asbestos Containing Building Materials (ACBMs) at a subject property. The intent of this assessment was to satisfy all regulatory requirements for renovation and/or demolition. Friable ACM, as defined by the U.S. Environmental Protection Agency (EPA) and South Coast Air Quality Management District (SCAQMD), Rule 1403, is a material that, when dry, can be easily pulverized, crushed or reduced to powder by hand pressure. Non-friable ACBM that can potentially be broken, crumbled, pulverized or reduced to powder in the course of demolition or renovation activities are classified as Category I or Category II, non-friable ACBM. These assessments are typically accomplished by, and limited to, an in-depth site reconnaissance, a review of readily available building records, and a review of readily available asbestos operation and maintenance (O&M) plans. In the event that suspected or known ACBMs exist at a given site, samples of the potential ACBMs may be collected for subsequent laboratory analysis.

This inspection was limited to representative locations in the project area that may be affected by the renovation activities. Limited intrusive and/or non-destructive sampling was conducted as a part of the scope of services performed. If additional suspect materials are observed by the contractor, abatement contractor, building owner and/or its representatives, A-Tech should be notified to conduct additional testing. Certain materials may not have been visible/accessible during the initial assessment such as subsurface materials, live electrical equipment, materials in pipe chases, barrier paper under wood, sub-slab membranes, materials under the building structure, in wall and ceiling cavities, etc.

This Limited Asbestos Assessment was conducted in accordance with the scope of services authorized by Mr. Steve Matteson, Jr. with Capistrano Unified School District in accordance with current regulatory guidelines.

3.0 PREVIOUS ASSESSMENT/HISTORICAL DATA

No prior asbestos related documentation for the subject property was reviewed or made available.

4.0 VISUAL INSPECTION AND SAMPLING/ANALYTICAL METHODOLOGY

To identify suspect friable and non-friable ACBM, as required under California law, a California Occupational Safety Health Administration (CAL-OSHA) Certified Site Surveillance Technician (CSST) and/or Certified Asbestos Consultant (CAC) is required to conduct visual and/or bulk assessments of a subject property.

During this assessment, A-Tech identified homogenous areas of suspected ACBMs for purpose of sampling in accordance with current CAL-OSHA/EPA (AHERA) requirements. These areas were defined with respect to similarities in appearance, age, use, type, color, and/or texture. The condition and estimated quantity of the suspected materials were also assessed. Based upon A-Tech observations, eight (8) homogeneous suspect asbestos containing building materials were identified. Only pre-selected materials delineated by Capistrano Unified School District were sampled during this inspection. Please refer to Appendix A for a complete list of sampled materials.

To evaluate the presence of asbestos in these suspected ACBMs, A-Tech Consulting, Inc. obtained twenty-eight (28) bulk samples, which appeared to represent each homogeneous area (see tables). However, some of the samples analyzed may have multiple layers of material, which the laboratory is required to separate and analyze independently. The total amount of samples analyzed was seventy-seven (77). Regarding multiple layered materials, if one layer tests positive for asbestos content, the entire sample is considered positive.

Whenever possible A-Tech does not conduct destructive sampling (with the exception of vacant buildings to be demolished). For example, samples of floor tile were collected by taking a small chip out of a corner or area that was already damaged.

After collecting each sample, the sampling equipment was cleaned with a moist towelette. Each sample was sealed in a sample container and assigned a discrete sample identification number.

5.0 LABORATORY ACCREDITATION & ANALYTICAL PROCEDURES

The twenty-eight (28) samples obtained from the subject property were delivered to Eurofins EPK Built Environment Testing, LLC located at 2841 Dow Avenue, Suite 300, Tustin, California 92780 (866) 888-6653 (under chain-of-custody procedures) for analysis. This Laboratory is a fully accredited laboratory by the National Institute of Standards and Technology (NIST) through participation in the National Voluntary Laboratory Accreditation Program (NVLAP) lab code #200757-0.

The samples were analyzed for asbestos by PLM, using dispersion staining in accordance with U.S. EPA Procedures outlined in 40 CFR 763, Subpart F, Appendix A (AHERA). Utilizing the PLM 600R/R-93/116 method, the result given is a semi-quantitative result (down to <1%) which reflects a calibrated visual estimate from an analyst using both Polarized Light Microscopy and Stereomicroscopy.

6.0 BUILDING CONDITION

Per our visual observation, the facility structure appears to be in good condition with no structural damage.

7.0 ASBESTOS IDENTIFICATION

Based upon the analytical results, asbestos is not present in the materials analyzed.

8.0 RECOMMENDATIONS

No recommendations are made at this time for the areas and materials sampled. However, this was not a comprehensive assessment of the building and any impact of materials or areas not assessed would require additional sampling.

9.0 LIMITATIONS

The conclusions presented in this report are professional opinions based solely upon visual observations at the site and laboratory analysis of the tested samples. They are intended exclusively for the purpose outlined herein, and for the site location and project indicated.

This assessment report is not specifications for asbestos abatement and it should not be used as a stand-alone asbestos abatement bid document. Recognizing that even the most comprehensive assessment may fail to detect ACBM at a particular site, this study was not intended to identify all potential ACBM present in the building or at the site for such reasons as the possible existence of buried, covered and inaccessible areas and features. A-Tech does not warrant that all sub-surface, wall cavity or other inaccessible materials were tested. A-Tech did not test any live electrical components or disassemble operational building equipment such as fans or HVAC components. These components may contain untested suspect ACBM's. If any suspect ACBMs not tested herein are discovered, they must be tested prior to impact.

A-Tech assumes no responsibility for the identification of suspect asbestos containing materials, which are not included in this assessment, concealed and/or inaccessible (i.e. locked rooms, under carpet, etc.) However, A-Tech makes every attempt possible to inspect all designated areas for asbestos containing materials (i.e. check under carpeting, inspect attic, crawl space, etc.).

Services performed by A-Tech were conducted in a manner above the care and skill ordinarily and currently exercised by members of the same profession that even the most comprehensive scope of services might fail to detect environmental liabilities on a particular site. Therefore, A-Tech cannot act as insurers and cannot "certify" that a site is free of environmental contamination.

No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by the Scope of Services, with the customary thoroughness and competence of our profession.

This report is intended for the sole use of the contracted Client and its authorized representatives. The exchange of information was unique between A-Tech and the client regarding the mutually agreed upon scope of service. Unless explicitly authorized in this report, no third party is beneficiary to the contract or findings of this report. The unauthorized use or reliance of this document or the findings, conclusion or recommendations presented herein, by any other party or parties is at the sole risk of any such third party. For the same reasons, no warranties or representations, expressed or implied in this report, are provided to any such third party.

Information and opinions presented herein apply to the existing and reasonable foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and have not had the opportunity to review. Changes in the conditions of this property may occur with time due to natural processes or works of man on the subject property or on adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part by changes beyond our control.

A-Tech trusts that the information presented herein provides the data you require. Should you have any questions or comments please contact A-Tech Consulting, Inc. at (800) 434-1025.

Respectfully submitted,

A-Tech Consulting, Inc.



Robert L. Williams, DPH, CAC, CIEC
Certified Asbestos Consultant #96-1980

Asbestos Bulk Analysis

Location: Newhart Middle School, 25001 Veterans Way

Client Name: Capistrano Unified School District

Area: Building 300, Southeast and Northwest Roofs

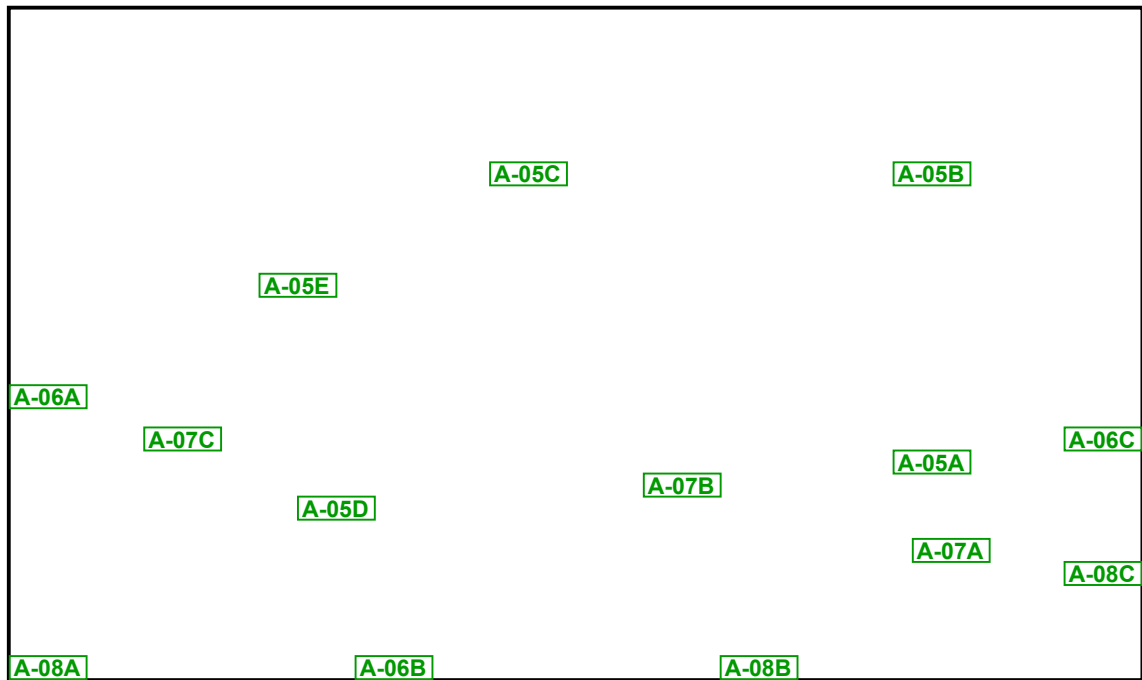
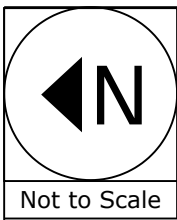
<u>Sample Number</u>	<u>Material</u>	<u>Sample Location</u>	<u>Pos/Neg</u>	<u>Asbestos Type - Percentage</u>	<u>Classification</u>	<u>Friability</u>	<u>Cond.</u>	<u>Access.</u>	<u>Est. Qty.</u>
230586-A-001A	Build-up Roofing Core	300, Roof, Southeast Bldg., Roof, West Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-001B	Build-up Roofing Core	300, Roof, Southeast Bldg., Roof, South Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-001C	Build-up Roofing Core	300, Roof, Southeast Bldg., Roof, North Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-001D	Build-up Roofing Core	300, Roof, Southeast Bldg., Roof, Northeast Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-001E	Build-up Roofing Core	300, Roof, Southeast Bldg., Roof, Southeast Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-002A	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Southeast Bldg., Roof, West Parapet Wall	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-002B	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Southeast Bldg., Roof, South Parapet Wall	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-002C	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Southeast Bldg., Roof, East Parapet Wall	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-003A	Roof Penetration Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, Northwest Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-003B	Roof Penetration Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, South Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-003C	Roof Penetration Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, Northeast Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A



<u>Sample Number</u>	<u>Material</u>	<u>Sample Location</u>	<u>Pos/Neg</u>	<u>Asbestos Type - Percentage</u>	<u>Classification</u>	<u>Friability</u>	<u>Cond.</u>	<u>Access.</u>	<u>Est. Qty.</u>
230586-A-004A	Flashing Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, West Edge of Roof	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-004B	Flashing Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, South Edge Of Roof	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-004C	Flashing Mastic	Bldg. 300, Roof, Southeast Bldg., Roof, East Edge of Roof	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-005A	Build-up Roofing Core	Bldg. 300, Roof, Northwest Bldg., Roof, Southwest Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-005B	Build-up Roofing Core	Bldg. 300, Roof, Northwest Bldg., Roof, Southeast Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-005C	Build-up Roofing Core	Bldg. 300, Roof, Northwest Bldg., Roof, Northeast Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-005D	Build-up Roofing Core	Bldg. 300, Roof, Northwest Bldg., Roof, Northwest Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-005E	Build-up Roofing Core	Bldg. 300, Roof, Northwest Bldg., Roof, North Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-006A	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Northwest Bldg., Roof, North Parapet Wall	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-006B	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Northwest Bldg., Roof, West Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-006C	Parapet Wall - Build-up Roofing	Bldg. 300, Roof, Northwest Bldg., Roof, South Parapet Wall	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-007A	Roof Penetration Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, South Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-007B	Roof Penetration Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, West Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A



<u>Sample Number</u>	<u>Material</u>	<u>Sample Location</u>	<u>Pos/Neg</u>	<u>Asbestos Type - Percentage</u>	<u>Classification</u>	<u>Friability</u>	<u>Cond.</u>	<u>Access.</u>	<u>Est. Qty.</u>
230586-A-007C	Roof Penetration Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, Northwest Side	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-008A	Flashing Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, Northwest Roof Edge	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-008B	Flashing Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, West Roof Edge	Negative	None Detected	N/A	N/A	N/A	N/A	N/A
230586-A-008C	Flashing Mastic	Bldg. 300, Roof, Northwest Bldg., Roof, Southwest Roof Edge	Negative	None Detected	N/A	N/A	N/A	N/A	N/A



Building 300, Roof(Northwest)

Floor Plan - Asbestos - Page 1 of 2

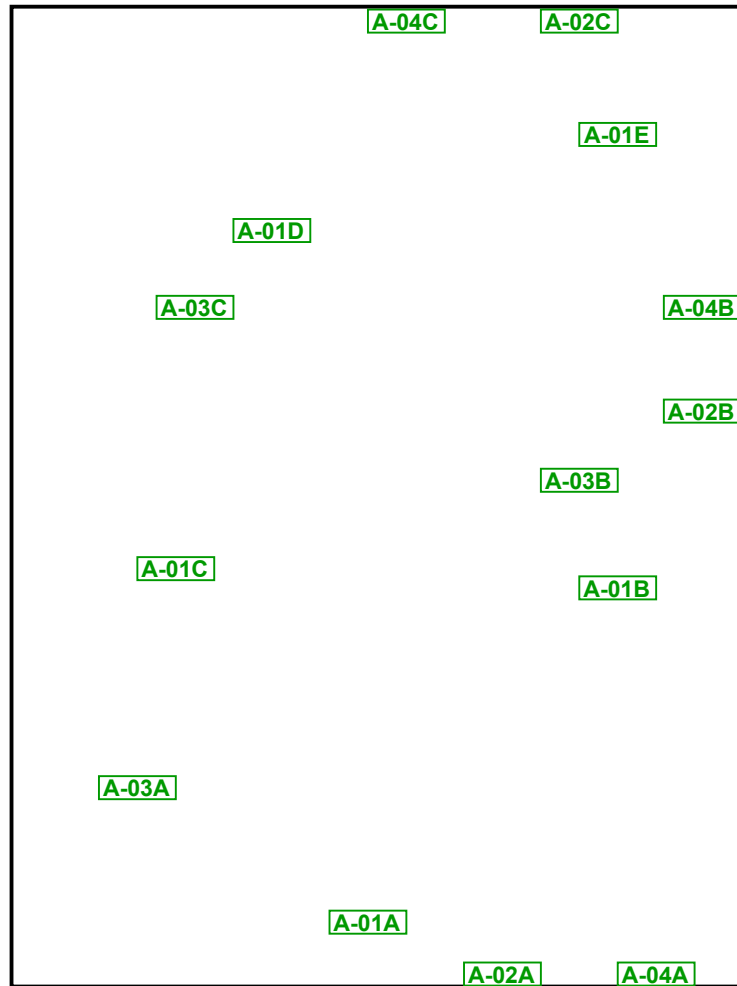
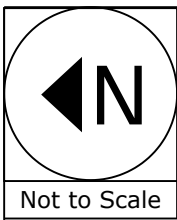
Newhart Middle School
25001 Veterans Way
Mission Viejo, California 92692

Project #: Atch- 230586

Capistrano Unified
School District

LEGEND:

A = Positive Asbestos Sample Locations
A = Negative Asbestos Sample Locations



Building 300, Roof(Southeast)

Floor Plan - Asbestos - Page 2 of 2

Newhart Middle School
25001 Veterans Way
Mission Viejo, California 92692

Project #: Atch- 230586

**Capistrano Unified
School District**

LEGEND:
A = Positive Asbestos Sample Locations
A = Negative Asbestos Sample Locations

Report for:

Mr. Robert Williams
A-Tech Consulting, Inc
1640 N. Batavia Street
Orange, CA 92867

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: 230586; 25001 Veterans Way Missions Viejo CA
EML ID: 3170054

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 02-18-2023

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 200757-0

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.

Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

Summary of Samples with Asbestos Detected

Total Samples Submitted:	28
Total Samples Analyzed:	28
Total Layers Analyzed:	77

Total Samples with Layer Asbestos Content > 1%: 0

Total Samples with Layer Asbestos Content < 1%: 0

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 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.

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.

Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-001A, 300 Roof, Southeast Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338404-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-001B, 300 Roof, Southeast Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338405-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-001C, 300 Roof, Southeast Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338406-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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‡ 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".

Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-001D, 300 Roof, Southeast Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338407-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-001E, 300 Roof, Southeast Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338408-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-002A, Bldg. 300, Roof, Southeast Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338409-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-002B, Bldg. 300, Roof, Southeast Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338410-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-002C, Bldg. 300, Roof, Southeast Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338411-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

**Location: 230586-A-003A, Bldg. 300, Roof, Southeast Bldg., Roof, Roof Penetration
Mastic**

Lab ID-Version‡: 15338412-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

**Location: 230586-A-003B, Bldg. 300, Roof, Southeast Bldg., Roof, Roof Penetration
Mastic**

Lab ID-Version‡: 15338413-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

**Location: 230586-A-003C, Bldg. 300, Roof, Southeast Bldg., Roof, Roof Penetration
Mastic**

Lab ID-Version‡: 15338414-1

Sample Layers	Asbestos Content
Gray/Black Roofing Mastic	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Good

Location: 230586-A-004A, Bldg. 300, Roof, Southeast Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338415-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

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C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-004B, Bldg. 300, Roof, Southeast Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338416-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 230586-A-004C, Bldg. 300, Roof, Southeast Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338417-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	5% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 230586-A-005A, Bldg. 300, Roof, Northwest Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338418-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-005B, Bldg. 300, Roof, Northwest Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338419-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-005C, Bldg. 300, Roof, Northwest Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338420-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-005D, Bldg. 300, Roof, Northwest Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338421-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-005E, Bldg. 300, Roof, Northwest Bldg., Roof, Build-Up Roofing Core

Lab ID-Version‡: 15338422-1

Sample Layers	Asbestos Content
White Coating	ND
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar and Felt 1	ND
Black Roofing Tar and Felt 2	ND
Black Roofing Tar and Felt 3	ND
Composite Non-Asbestos Content:	15% Glass Fibers 10% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-006A, Bldg. 300, Roof, Northwest Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338423-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Poor

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Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-006B, Bldg. 300, Roof, Northwest Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338424-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-006C, Bldg. 300, Roof, Northwest Bldg., Roof, Parapet Wall-Build-Up Roofing

Lab ID-Version‡: 15338425-1

Sample Layers	Asbestos Content
Black Roofing Shingle with Pebbles	ND
Black Roofing Tar	ND
Composite Non-Asbestos Content:	15% Glass Fibers
Sample Composite Homogeneity:	Poor

Location: 230586-A-007A, Bldg. 300, Roof, Northwest Bldg., Roof, Roof Penetration Mastic

Lab ID-Version‡: 15338426-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

Location: 230586-A-007B, Bldg. 300, Roof, Northwest Bldg., Roof, Roof Penetration Mastic

Lab ID-Version‡: 15338427-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

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Client: A-Tech Consulting, Inc

C/O: Mr. Robert Williams

Date of Receipt: 02-17-2023

Re: 230586; 25001 Veterans Way Missions Viejo CA Date of Report: 02-20-2023

ASBESTOS PLM REPORT

Location: 230586-A-007C, Bldg. 300, Roof, Northwest Bldg., Roof, Roof Penetration Mastic

Lab ID-Version‡: 15338428-1

Sample Layers	Asbestos Content
Black Roofing Mastic	ND
Sample Composite Homogeneity:	Good

Location: 230586-A-008A, Bldg. 300, Roof, Northwest Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338429-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	3% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 230586-A-008B, Bldg. 300, Roof, Northwest Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338430-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	3% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 230586-A-008C, Bldg. 300, Roof, Northwest Bldg., Roof, Flashing Mastic

Lab ID-Version‡: 15338431-1

Sample Layers	Asbestos Content
White Roofing Mastic	ND
Composite Non-Asbestos Content:	3% Synthetic Fibers
Sample Composite Homogeneity:	Good

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PLM BULK SAMPLE CHAIN OF CUSTODY

Analysis: PLM-Bulk EPA 600/R-93/116

Phone Number: (714) 434-6360

Turn Around Time: 24 Hour

Fax Number: (714) 221-6360

Attn: Robert Williams

Results: Email to labs@atechinc.net



Project Number and Name: 230586 - Capistrano Unified School District Newhart Middle School		Sampled By: Lloyd Tangunan	
Project Address: 25001 Veterans Way	City: Mission Viejo	State: CA	Zip: 92692-2735
Notes:			

Sample ID	Sample Location	Material	Friability	Condition	Est. Quantity
230586-A-001A	300, Roof, Southeast Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	2,000 SF
230586-A-001B	300, Roof, Southeast Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 001A
230586-A-001C	300, Roof, Southeast Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 001A
230586-A-001D	300, Roof, Southeast Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 001A
230586-A-001E	300, Roof, Southeast Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 001A
230586-A-002A	Bldg. 300, Roof, Southeast Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	240 SF
230586-A-002B	Bldg. 300, Roof, Southeast Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	See 002A
230586-A-002C	Bldg. 300, Roof, Southeast Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	See 002A
230586-A-003A	Bldg. 300, Roof, Southeast Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	75 SF
230586-A-003B	Bldg. 300, Roof, Southeast Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	See 003A
230586-A-003C	Bldg. 300, Roof, Southeast Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	See 003A
230586-A-004A	Bldg. 300, Roof, Southeast Bldg., Roof	Flashing Mastic	Non-Friable	Intact	10 SF
230586-A-004B	Bldg. 300, Roof, Southeast Bldg., Roof	Flashing Mastic	Non-Friable	Intact	See 004A

Client Sample Number: 230586-A-001A to 230586-A-008C

Total: 28

Relinquished By:	Lloyd Tangunan	Date: 2/17/2023	Time: 1:05 AM
Samples Received By:	John Tang	Date: 2/17/23	Time: 8am
Relinquished By:		Date:	Time:
Samples Received By:		Date:	Time:



PLM BULK SAMPLE CHAIN OF CUSTODY

230586-A-004C	Bldg. 300, Roof, Southeast Bldg., Roof	Flashing Mastic	Non-Friable	Intact	See 004A
230586-A-005A	Bldg. 300, Roof, Northwest Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	2,000 SF
230586-A-005B	Bldg. 300, Roof, Northwest Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 005A
230586-A-005C	Bldg. 300, Roof, Northwest Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 005A
230586-A-005D	Bldg. 300, Roof, Northwest Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 005A
230586-A-005E	Bldg. 300, Roof, Northwest Bldg., Roof	Build-up Roofing Core	Non-Friable	Intact	See 005A
230586-A-006A	Bldg. 300, Roof, Northwest Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	240 SF
230586-A-006B	Bldg. 300, Roof, Northwest Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	See 006A
230586-A-006C	Bldg. 300, Roof, Northwest Bldg., Roof	Parapet Wall - Build-up Roofing	Non-Friable	Intact	See 006A
230586-A-007A	Bldg. 300, Roof, Northwest Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	70 SF
230586-A-007B	Bldg. 300, Roof, Northwest Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	See 007A
230586-A-007C	Bldg. 300, Roof, Northwest Bldg., Roof	Roof Penetration Mastic	Non-Friable	Intact	See 007A
230586-A-008A	Bldg. 300, Roof, Northwest Bldg., Roof	Flashing Mastic	Non-Friable	Intact	10 SF
230586-A-008B	Bldg. 300, Roof, Northwest Bldg., Roof	Flashing Mastic	Non-Friable	Intact	See 008A
230586-A-008C	Bldg. 300, Roof, Northwest Bldg., Roof	Flashing Mastic	Non-Friable	Intact	See 008A

Client Sample Number: 230586-A-001A to 230586-A-008C

Total: 28

Relinquished By:		Lloyd Tangunan	Date: 2/17/2023	Time: 1:05 AM
Samples Received By:		Sohntang	Date: 2/17/23	Time: 8am
Relinquished By:			Date:	Time:
Samples Received By:			Date:	Time:

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Lloyd Hernandez Tangunan

Name

Certification No. **05-3891**

Expires on **11/17/23**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



Certificate Of Completion

Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Lloyd Tangunan

ASIR1015220006N33096

Online Training

Principal Instructor

Michael W. Horner

Training Director

10/17/2022

Course Start Date

10/17/2022

Course End Date

10/17/2022

Exam Date

10/17/2023

Expiration Date

This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California



NATEC International, Inc.
National Association of Training and Environmental Consulting

1100 Technology Circle, Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts
CAL-OSHA: PHF (916) 574-2993
(916) 483-0572 Fax: 916-574-2993
Web: www.dlr.ca.gov or calosha.com
COPH/CLPPH: PHF (310) 620-5600
Web: www.cdph.ca.gov/programs/CLPPH
SCAHD: PHF (800) 396-3739
Fax: (800) 396-3342
BAHQD: PHF (415) 749-4762

NATEC International, Inc.
National Association of Training and Environmental Consulting
Asbestos Lead - Mold - HazWOPER
P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
Asbestos Building Inspector Refresher Course
Lloyd Tangunan
Expiration: 10/17/2023
Training Date: 10/17/2022
Certificate No: ASIR1015220006N33096
Michael W. Horner
Training Director

Certificate Of Completion

Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

Lloyd Tangunan

ASR1015220007N33099

Online Training

Principal Instructor

Michael W. Horner

Training Director

10/16/2022

Course Start Date

10/16/2022

Course End Date

10/16/2022

Exam Date

10/16/2023

Expiration Date

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Asbestos Contractor/Supervisor Refresher Course
Lloyd Tangunan
Expiration: 10/16/2023
Training Date: 10/16/2022
Certificate No: ASR1015220007N33099
Michael W. Horner
Training Director

Certificate Of Completion

Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

Lloyd Tangunan

AMPR1015220003N33097

Online Training

Principal Instructor

Michael W. Horner

Training Director

10/17/2022

Course Start Date

10/17/2022

Course End Date

10/17/2022

Exam Date

10/17/2023

Expiration Date

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Asbestos Management Planner Refresher Course
Lloyd Tangunan
Expiration: 10/17/2023
Training Date: 10/17/2022
Certificate No: AMPR1015220003N33097
Michael W. Horner
Training Director

Certificate Of Completion

Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

Lloyd Tangunan

APDR1015220004N33098

Online Training

Principal Instructor

Michael W. Horner

Training Director

10/16/2022

Course Start Date

10/16/2022

Course End Date

10/16/2022

Exam Date

10/16/2023

Expiration Date

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National Association of Training and Environmental Consulting
Asbestos Project Designer Refresher Course
Lloyd Tangunan
Expiration: 10/16/2023
Training Date: 10/16/2022
Certificate No: APDR1015220004N33098
Michael W. Horner
Training Director

CARVER SAFETY AND HEALTH CONSULTANTS

TRAINING CERTIFICATE

This is to certify that

LLOYD H. TANGUNAN

Has successfully completed 40 hours of training in Air Sampling and Evaluating Airborne Asbestos Dust (NIOSH 582)

Topics included:
NIOSH METHOD 7400
Federal Occupational Safety and Health Administration 29 CFR 1910 and 1915 and 1926

Serial No.:DC-001

November 1-8, 1994
Dates of Attendance

Carver Safety and Health Consultants
1526 Koba Street
Honolulu, HI 96817
Phone: (808) 848-1617

Douglas R. Carver
Doug Carver
M.S.P.H., Industrial Hygiene
M.S.P.H., Radiological Hygiene
President



American Council for Accredited Certification

hereby certifies that

Lloyd Tangunan

has met all the specific standards and qualifications of the certification process
and is hereby certified as a

CMC

Council-certified
Microbial Consultant

This certificate expires on October 31, 2023.

Charles F. Wiles

Charles F. Wiles, Executive Director

2110005

Certificate Number



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

CERTIFICATE TYPE:

NUMBER:

EXPIRATION DATE:



Lloyd Tangunan

Lead Inspector/Assessor

IRC-00001950

8/26/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Robert L. Williams, Sr

Name

Certification No. **96-1980**

Expires on **07/15/23**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Robert Williams

CERTIFICATE TYPE:

Lead Inspector/Assessor
Lead Project Monitor

NUMBER:

LRC-00004572
LRC-00004571

EXPIRATION DATE:

12/10/2023
12/10/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

Certificate Of Completion
Asbestos Contractor/Supervisor Refresher Course

DOSH #:CA-015-04

Robert Williams

ASR091522001N33089

Online Training

Principal Instructor

Michael W. Horner
Training Director

9/21/2022 Course Start Date
9/21/2022 Course End Date
9/21/2022 Exam Date
9/21/2023 Expiration Date
This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California



NATEC International, Inc.
National Association of Training and Environmental Consulting

1100 Technology Circle, Suite A, Anaheim, CA 92805 • www.natecintl.com • 800-969-3228

Important Industry Contacts
CAL-OSHA: PHF (916) 574-2993
(916) 483-0572 Fax Notification
Web: www.dlr.ca.gov or calosha.com
CDPH/CLPPB: PHF (510) 620-5600
Web: www.cdph.ca.gov/programs/CLPPB
SCAQHD: PHF (909) 396-3739
Fax# (909) 396-3342
BAAQMD: PHF (415) 749-4762

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National Association of Training and Environmental Consulting
Asbestos • Lead • Mold • HAZWOPER
P.O. Box 25205 Anaheim, CA 92825-5205
(714) 678-2750, (800) 969-3228, Fax (714) 678-2757
www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Robert Williams
Holds Training Certification For
Asbestos Contractor/Supervisor Refresher Course
Expiration: 9/21/2023
Training Date: 9/21/2022
Certificate No: ASR091522001N33089
Michael W. Horner
Training Director

Certificate Of Completion
Asbestos Project Designer Refresher Course

DOSH #:CA-015-10

Robert Williams

APDR1001220003N33093

Online Training

Principal Instructor

Michael W. Horner
Training Director

10/12/2022 Course Start Date
10/12/2022 Course End Date
10/12/2022 Exam Date
10/12/2023 Expiration Date
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www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Robert Williams
Holds Training Certification For
Asbestos Project Designer Refresher Course
Expiration: 10/12/2023
Training Date: 10/12/2022
Certificate No: APDR1001220003N33093
Michael W. Horner
Training Director

Certificate Of Completion
Asbestos Management Planner Refresher Course

DOSH #:CA-015-08

Robert Williams

AMPR091522001N33087

Online Training

Principal Instructor

Michael W. Horner
Training Director

9/29/2022 Course Start Date
9/29/2022 Course End Date
9/29/2022 Exam Date
9/29/2023 Expiration Date
This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California



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www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Robert Williams
Holds Training Certification For
Asbestos Management Planner Refresher Course
Expiration: 9/29/2023
Training Date: 9/29/2022
Certificate No: AMPR091522001N33087
Michael W. Horner
Training Director

Certificate Of Completion
Asbestos Building Inspector Refresher Course

DOSH #:CA-015-06

Robert Williams

ABIR091522001N33086

Online Training

Principal Instructor

Michael W. Horner
Training Director

9/21/2022 Course Start Date
9/21/2022 Course End Date
9/21/2022 Exam Date
9/21/2023 Expiration Date
This course satisfies the education requirements for Asbestos accreditation under the Toxic Substances Control Act, Title II. This course has been approved by the Department of Industrial Relations, Division of Occupational Safety and Health of the State of California



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www.natecintl.com

NATEC International, Inc.
National Association of Training and Environmental Consulting
This Card Acknowledges That
Robert Williams
Holds Training Certification For
Asbestos Building Inspector Refresher Course
Expiration: 9/21/2023
Training Date: 9/21/2022
Certificate No: ABIR091522001N33086
Michael W. Horner
Training Director



**American Council for
Accredited Certification**

hereby certifies that

Robert L. Williams, Sr.

has met all the specific standards and qualifications of the re-certification process,
including continued professional development, and is hereby re-certified as a

CIEC

**Council-certified
Indoor Environmental Consultant**

This certificate expires on June 30, 2023

Charles F. Wiles

Charles F. Wiles, Executive Director

1506014

Certificate Number

This certificate remains the property of the American Council for Accredited Certification.

