



February 7, 2023

Contra Costa Community College District
500 Court Street
Martinez, CA 94553

Attn: Stefan Johnson
E: stefan_j@csipm.com

RE: Supplemental Asbestos and Lead Survey
Los Medanos College
Public Safety Buildings - Restrooms
Pittsburg, CA
Terracon Project No: R1227237

Dear Mr. Johnson:

Terracon Consultants, Inc. (Terracon) conducted limited asbestos and lead sampling at the captioned location. The survey was performed in order to identify potential lead-containing paint and asbestos-containing materials that may be disturbed during the demolition of the Public Safety (PS) Buildings. The sampling was limited to the restrooms which could not be accessed by Terracon during the initial survey in June 2022. Matt Chin and John Alexander, Certified Asbestos Consultants (CACs) and California Department of Public Health (CDPH) Lead Inspector/Assessors with Terracon, performed the limited sampling event on January 31, 2023.

During the captioned sampling event, three (3) homogeneous suspect asbestos-containing materials (ACMs) were sampled and reported to be negative for asbestos content upon analysis by polarized light microscopy (PLM). Table I below provides a summary of the asbestos sample results.

TABLE I – ASBESTOS SAMPLE RESULTS		
Sample Nos. / Material Description	Sample Locations	Result
30A, B, C / Tan Epoxy Flooring	Women's & Men's Restrooms	ND
31A, B, C / Wainscot Adhesive, orange/yellow	Women's & Men's Restrooms	ND

TABLE I – ASBESTOS SAMPLE RESULTS		
Sample Nos. / Material Description	Sample Locations	Result
32A, B, C / Wallboard and Taping Compound	Women’s Restroom, Men’s Restroom, Janitor’s Closet	ND

ND – None Detected

The asbestos samples were transported under chain of custody procedures to Eurofins EPK Built Environment Testing, LLC (Eurofins) in Tustin, California. The asbestos samples were analyzed by polarized light microscopy (PLM) techniques in accordance with methodology approved by the U.S. Environmental Protection Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. Eurofins’ analytical report is provided as an attachment to this letter report, along with the chain-of-custody form.

Terracon collected two (2) paint samples during the inspection for lead analysis. Neither of the samples were found to contain lead above the laboratory analytical reporting limit. Table II below provides a summary of the lead sample results.

TABLE II – LEAD SAMPLE RESULTS					
Sample Number	Material Description and Location	Results mg/kg (ppm)	Lead-Containing	Lead-Based Paint	Condition
Pb-06	White paint on drywall wall – men’s restroom	<40	N	N	I
Pb-07	Grey paint on drywall wall – janitor’s closet	<39	N	N	I

mg/kg= Milligram per kilogram, ppm = parts per million, I = intact

The lead samples were transported under chain of custody procedures to Eurofins. The lead samples were analyzed by flame atomic absorption spectrometry (FLAA) in accordance with U.S. Environmental Protection Agency (EPA) Method 7000B. Eurofins’ analytical report is provided as an attachment to this letter report, along with the chain-of-custody form.

Only the materials specifically mentioned within this report have been surveyed by Terracon. Any additional suspect materials identified during the course of construction related activities should be assumed to be lead-containing and/or asbestos-containing until sampling is conducted to determine lead / asbestos content.

This report has been prepared on behalf of and exclusively for use by Contra Costa Community College District for specific application to their project as discussed herein. The analysis and conclusions in this report are based upon data obtained during the asbestos and lead sampling activities. The professional services provided and judgments rendered on this project are consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information that may have been used in the preparation of this report. No warranty, express or implied, is made.

Terracon appreciates this opportunity to provide our environmental consulting services to Contra Costa Community College District. If you have any questions or need additional information, please feel free to call me at 510-899-7005.

Respectfully,



Steffen Steiner
CAC #92-0850, CDPH Lead I/A #LRC-5586
Office Manager

Denise Wallen
CSST #15-5444

Attachments: Laboratory Reports
Chain-of-Custody Forms
Inspector Certifications
Sample Location Diagram



Report for:

Mr. Steff Steiner
Terracon Consultants, Inc.-Oakland
1220 Concord Avenue
Suite 450
Concord, CA 94520

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: R1227237; Los Medanos College, 2700 East Leland Rd-PS Bldg
EML ID: 3152549

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 02-03-2023

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.

Eurofins EPK Built Environment Testing, LLC

2841 Dow Avenue, Suite 300, Tustin, CA 92780

(866) 888-6653 www.eurofinsus.com/Built

Client: Terracon Consultants, Inc.-Oakland
C/O: Mr. Steff Steiner
Re: R1227237; Los Medanos College, 2700 East
Leland Rd-PS Bldg

Date of Sampling: 01-31-2023

Date of Receipt: 02-01-2023

Date of Report: 02-03-2023

ASBESTOS PLM REPORT

Total Samples Submitted: 9

Total Samples Analyzed: 9

Total Samples with Layer Asbestos Content > 1%: 0

Location: 30A, Tan epoxy flooring; women's restroom

Lab ID-Version‡: 15243926-1

Sample Layers	Asbestos Content
Tan Flooring	ND
Sample Composite Homogeneity:	Good

Location: 30B, Tan epoxy flooring; women's restroom

Lab ID-Version‡: 15243927-1

Sample Layers	Asbestos Content
Tan Flooring	ND
Sample Composite Homogeneity:	Good

Location: 30C, Tan epoxy flooring; men's restroom

Lab ID-Version‡: 15243928-1

Sample Layers	Asbestos Content
Tan Flooring	ND
Sample Composite Homogeneity:	Good

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.

‡ 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".

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Client: Terracon Consultants, Inc.-Oakland
 C/O: Mr. Steff Steiner
 Re: R1227237; Los Medanos College, 2700 East
 Leland Rd-PS Bldg

Date of Sampling: 01-31-2023

Date of Receipt: 02-01-2023

Date of Report: 02-03-2023

ASBESTOS PLM REPORT**Location: 31A, Wainscot adhesive, orange/yellow; women's restroom, entry**

Lab ID-Version‡: 15243929-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 31B, Wainscot adhesive, orange/yellow; women's restroom, North wall

Lab ID-Version‡: 15243930-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	5% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 31C, Wainscot adhesive, orange/yellow; men's restroom

Lab ID-Version‡: 15243931-1

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Orange Adhesive	ND
Composite Non-Asbestos Content:	5% Cellulose
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 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.

‡ 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".

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Client: Terracon Consultants, Inc.-Oakland
 C/O: Mr. Steff Steiner
 Re: R1227237; Los Medanos College, 2700 East
 Leland Rd-PS Bldg

Date of Sampling: 01-31-2023

Date of Receipt: 02-01-2023

Date of Report: 02-03-2023

ASBESTOS PLM REPORT**Location: 32A, Wallboard and taping mud, restrooms/janitors; women's restroom**

Lab ID-Version‡: 15243932-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 32B, Wallboard and taping mud, restrooms/janitors; men's restroom

Lab ID-Version‡: 15243933-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
Brown Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 32C, Wallboard and taping mud, restrooms/janitors; janitor's closet

Lab ID-Version‡: 15243934-1

Sample Layers	Asbestos Content
White Joint Compound with Paint	ND
Cream Tape	ND
White Joint Compound	ND
Brown Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

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.

‡ 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".



1466 66th Street Emeryville CA 94608
Tel: (510) 547-7771 Fax: (510) 547-1983

ACM BULK SAMPLE DATA SHEET

- PLM Analysis (Analyze all samples)
- Stop Analysis at First Positive
- Point Count Analysis (400-point)

Page 1 of 1

- EmLab
 - MAL
 - SGS Forensic
- RUSH
24 Hrs.
48 Hrs.
6 Days

- PM - S. Steiner
spsteiner@terracon.com
- PM - M. Benefield
msbenefield@terracon.com
- PM - David Block
David.Block@terracon.com
- PM - K. Schroeter
kmschroeter@terracon.com
- PM - T. Kattchee
takattchee@terracon.com
- D. Wallen
Denise.Wallen@terracon.com
- PM - K. Pilgrim
kmpilgrim@terracon.com
- PM - W. Frieszell
wmfrieszell@terracon.com
- H. Santos
Heidi.Santos@terracon.com

Project Name/Address/Building No.: LOS MEDANOS COLLEGE-2700 EAST LELAND RD - IS BLDG
Project #: R1227237 Sampled By: MC/DA Sampling Date: 1/31/23

HM#	Material Description	Quantity:
Sample ID	Sample Location & Material Location	
30	TAN EPOXY FLOORING	
30A	WOMEN'S REST ROOM	
30B	↓	
30C	MEN'S REST ROOM	
31	WAINSOT ADHESIVE - ORANGE/YELLOW	
31A	WOMEN'S REST ROOM - ENTRY	
31B	↓ SOUTH WALL	
31C	MEN'S REST ROOM	
32	WALL BOARD & TAPING MUD - REST ROOMS/HALLS	300'
32A	WOMEN'S RESTROOM	
32B	MEN'S RESTROOM	
32C	HALLS	
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	



Relinquished: [Signature] Signature: [Signature] Date: 1/31/23 Received: [Signature] Signature: [Signature] Date: 2/1/23
Relinquished: [Signature] Signature: [Signature] Date: 1/31/23 Received: Johnny Signature: [Signature] Date: 10a



Report for:

Mr. Steff Steiner
Terracon Consultants, Inc.-Oakland
1220 Concord Avenue
Suite 450
Concord, CA 94520

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: R1227237; Los Medanos College
EML ID: 3152550

Approved by:



Laboratory Manager
Danny Li

Dates of Analysis:

Lead - Flame AA: 02-02-2023

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Sample size, as it relates to Wipe samples only, is supplied by the client.

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's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc.-Oakland
 C/O: Mr. Steff Steiner
 Re: R1227237; Los Medanos College

Date of Sampling: 01-31-2023
 Date of Receipt: 02-01-2023
 Date of Report: 02-02-2023

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	Pb-06: White DW wall, men's RR	Pb-07: Grey DW wall, janitors
Comments (see below)	None	None
Lab ID-Version‡:	15243904-1	15243905-1
Analysis Date:	02/02/2023	02/02/2023
Sample type	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm
Sample size	0.2520 grams	0.2533 grams
§ Total Lead Result	< 40 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ 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".

TA*E-MAIL REPORT TO: PROJECT MANAGER (PM)*****

LEAD PAINT SAMPLE DATA SHEET
 * Lead Analysis
 _____ Flame AA (EPA 7420) _____ TTLC

PAGE _____ OF _____

denise.wall@terracon.com
Engineering Assistant

PM - S. Steiner
ssteiner@terracon.com

PM - K. Schroeter
kmschroeter@terracon.com

PM - K. Pilgrim
kmpilgrim@terracon.com

PM - W. Frieszell
wmfrieszell@terracon.com

PM - T. Kattchee
takattchee@terracon.com

PM - D. Block
david.block@terracon.com

Project Name/ Address/ Building No. LOS MEDANOS COLLEGE

Project# R1227237 Sampled By: M.C. - M.H. JA Sampling Date: 1-31-23

Sample(s) sent to: MAL EMSL EMLAB SGS Other TUSTIN

TAT Rush 24HRS 48HRS 5-Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
Pb-06	Paint Color: <u>White</u> Substrate: <u>DN</u> Component: <u>Wall</u> Sample Location: Bldg # _____ Unit # _____ Room <u>MEJIS RR</u>	I
Pb-07	Paint Color: <u>Grey</u> Substrate: <u>DN</u> Component: <u>Wall</u> Sample Location: Bldg # _____ Unit # _____ Room <u>Janitors</u>	I
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

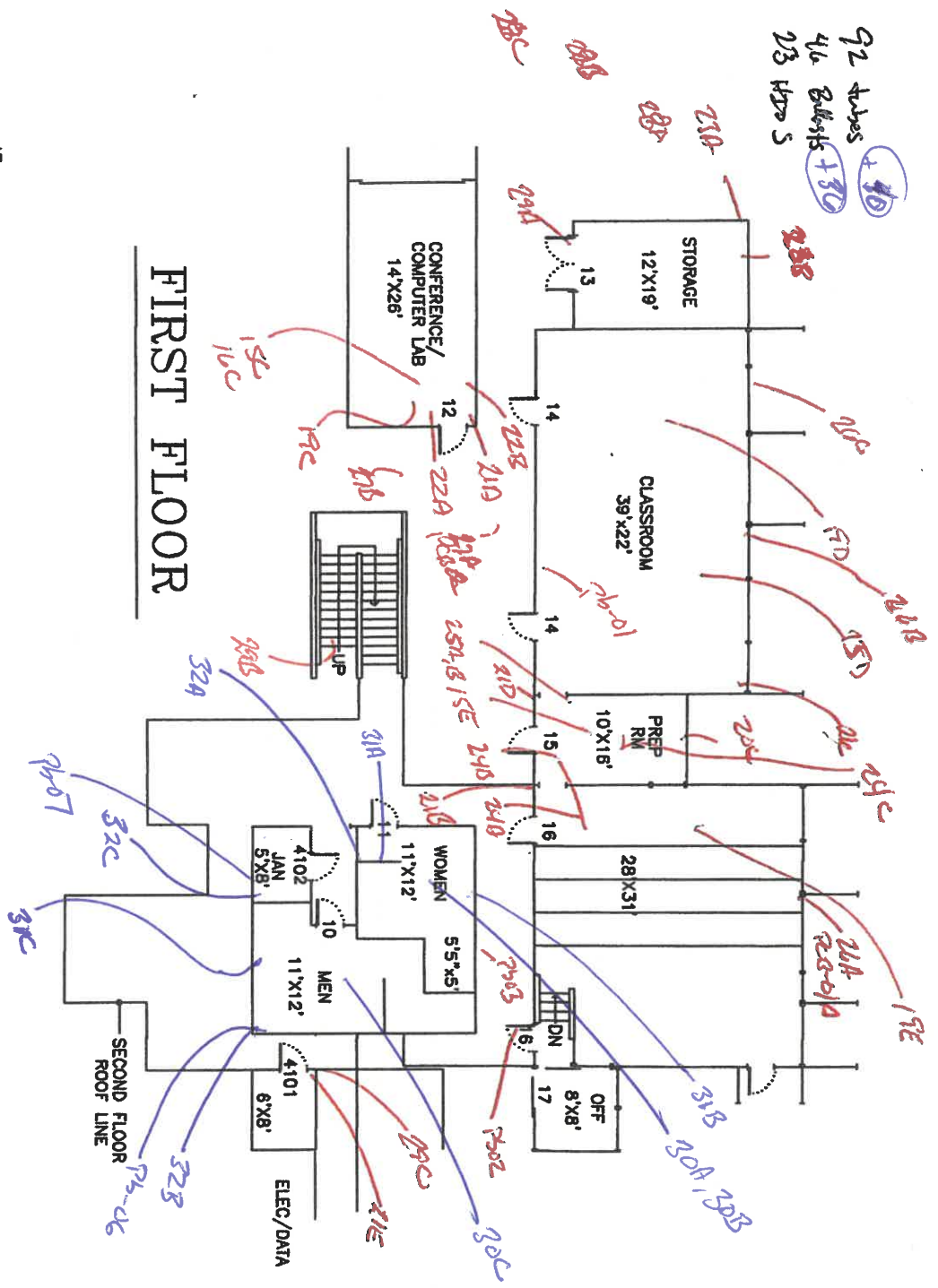


Relinquished By: M.C. - M.H. Signature: _____ Date/Time: 1/31/23

Received By: John Tang Signature: _____ Date/Time: 2/1/23 10am

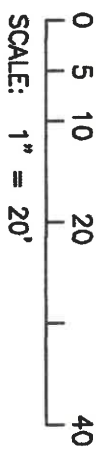
Received By: _____ Signature: _____ Date/Time: _____

92 + 40
 46 + 30
 23 + 5



FIRST FLOOR

BLDG. NAME
 ABBREVIATED
 PS
 BLDG. CODE
 O 1 8



LOS MEDANOS COLLEGE - CCCC

14

1/31/23
 2/22/23

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

Matthew P Chin
Name



Certification No. **08-4332**

Expires on **02/21/24**

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
Division of Occupational Safety and Health
Certified Asbestos Consultant

John W Alexander
Name



Certification No. **07-4296**

Expires on **02/21/24**

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:



John Alexander

CERTIFICATE TYPE:

Lead Inspector/Assessor

Lead Project Monitor

NUMBER:

LRC-00004446

LRC-00004445

EXPIRATION DATE:

2/18/2024

2/18/2024

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

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos Certification

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> actu@dir.ca.gov



212150850C

034

December 22, 2022

Steffen Paul Steiner

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, you must abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8 CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to our office until you apply for renewal of your certification.

Certificates must be kept current if you are actively working as a CAC or CSST. The grace period is only for those who are not actively working as an asbestos consultant or site surveillance technician.

Please contact our office at the above address or email w any changes in your contact/ mailing information within 15 days of the change.

Sincerely,

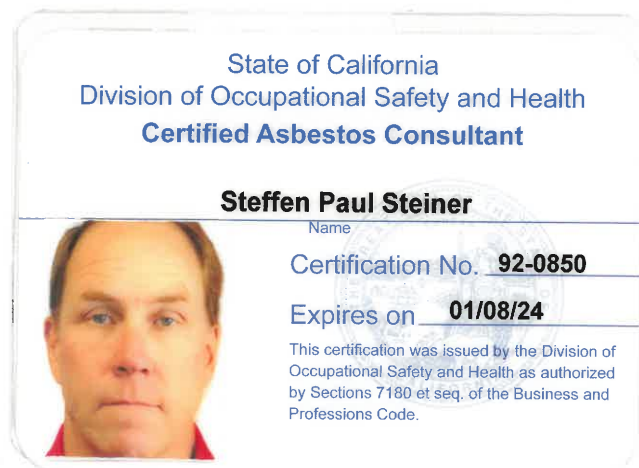
Eric Berg

Eric Berg
Deputy Chief of Health

Attachment: Certification Card

cc: File

Renewal – Card Attached





STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Steffen Steiner

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00005586

EXPIRATION DATE:

5/15/2023

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