

January 27, 2021

Pre-Construction Asbestos Survey Report Roof Replacement Project

Santa Ana 4th District Court of Appeal (64-E1)

601 West Santa Ana Boulevard
Santa Ana, California 92701
SWO#1676646

Prepared for:

Environmental Health & Safety | Administrative Division
Judicial Council of California
2860 Gateway Oaks Drive, Suite 400
Sacramento, CA 95833

Prepared By:

Forensic Analytical Consulting Services
4900 Airport Plaza Drive, Suite 115
Long Beach, California 90815
Office Phone # 310-668-5600

FACS Project #PJ61650

Contents

Introduction	1
Methodology	1
Findings	1
Conclusions and Discussion	2
Recommendations	3
Limitations	4

Appendix A: Limited Asbestos Survey Summary Table

Appendix B: Laboratory Reports and Chain of Custody Documents

Appendix C: Personnel and Laboratory Certifications

Appendix D: Floor Plan with Sample Locations



Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by the Judicial Council of California to perform a pre-renovation limited asbestos survey at the Compton Courthouse, located at the Santa Ana 4th District Court of Appeal, located at 601 West Santa Ana Boulevard in Santa Ana, California. This survey was limited to suspect asbestos-containing building materials that may be disturbed during the planned Roof Replacement Project. The survey was conducted on December 9 & 21, 2020.

The courthouse is a multi-story building, with an upper level main roof and two lower entry level roofs. The building contains courtrooms, offices and other spaces to support the activities conducted in the building.

Methodology

Our investigation consisted of the following:

- Visual inspection to identify building materials that could possibly contain asbestos, based on historical usage of asbestos (referred to as suspect asbestos-containing materials).
- Documentation of relevant conditions.
- Collection of samples of suspect asbestos-containing materials for subsequent laboratory analysis.
- Submitting samples to the SGS Forensic (SGS) laboratory in Carson, California for asbestos analysis. SGS is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP No. 101459-1).
- Presenting survey results, conclusions, and recommendations in a narrative report.

The visual inspection, bulk sample collection, and survey documentation was performed by a Cal/OSHA-certified asbestos professional, Larry Richardson, under the direction of Mark Smith. Mr. Richardson is a Certified Site Surveillance Technician (CSST Cert. No. 97-2313), and Mr. Smith is a Certified Asbestos Consultant (CAC Cert. No. 00-2736). All site inspection personnel are also trained as Asbestos Building Inspectors in accordance with the provisions of the federal EPA Asbestos Hazard Emergency Response Act (AHERA). Sampling and analysis was performed using the procedures specified by AHERA. Generally, this involves collection of multiple samples of each suspect material, from scattered representative locations, followed by laboratory analysis using Polarized Light Microscopy (PLM) with Visual Area Estimation of percent asbestos (if asbestos was detected) for each unique layer within each sample.

The survey was restricted to the materials or components that would be disturbed by the Roof Replacement Project. A teleconference with Mr. Richard Blackshere of Development One was used as reference for the scope of the planned construction work. Generally, the project involves reroofing all three roof levels. All other areas of the building and site, and other suspected asbestos-containing materials, were not inspected or tested during this limited asbestos survey. Consequently, the results of this asbestos survey cannot be extrapolated to other parts of the building or site not included in the planned construction. (Note: the two lower level roofs were not accessible at the time of the inspection. Future testing when access is provided, prior to project start, will be required.)

The types, numbers, and locations of samples were determined based on the information provided to FACS about the project, visual observations, regulatory requirements, and other survey management considerations.

Findings

Asbestos was identified in the following materials:

- Entry lobby roof and entry canopy roof – All roofing components (assumed asbestos containing – unable to access)

Details of the tested materials, along with analytical results, are summarized in the attached Limited Asbestos Survey Summary Table located in Appendix A. If any additional materials are determined to be impacted by the project due to project revisions, uncovering of hidden materials, or other reasons, the affected materials must be tested for asbestos content by FACS or a Certified Asbestos Consultant prior to their disturbance.

The detailed laboratory reports and completed Sampling Data Forms (Chains of Custody) are contained in Appendix B. A floorplan showing sample locations is presented in Appendix D.

Conclusions and Discussion

Asbestos is a hazardous material that represents a threat to human health (increased risk of cancer) if airborne asbestos dust is inhaled into the lungs. The purpose of a pre-construction asbestos survey is to determine whether or not asbestos is present in building materials that may be disturbed by the construction. Asbestos materials identified can then be removed under tightly controlled conditions prior to construction (including prior to preparatory investigation or demolition) in order to prevent generation of airborne asbestos dust during construction.

Various government agencies (federal, state and local) have enacted regulations to facilitate the prevention of asbestos hazards. Materials for which sample analysis by PLM results in greater than one percent asbestos (for any one sample collected from a homogeneous material) are classified as asbestos-containing material (ACM) under regulations promulgated by (but not limited to) the following agencies: federal EPA, California regional air districts, California EPA (Cal-EPA), federal OSHA and Cal/OSHA. These materials are also classified as asbestos-containing construction material (ACCM) under Cal/OSHA and Contractor State Licensing Board (CSLB) regulations.

The agencies use the following definitions:

- Federal EPA: materials containing greater than one percent asbestos are ACM
- California Air Districts: materials containing greater than one percent asbestos are ACM
- Cal/OSHA: materials containing greater than 0.1% asbestos by weight are ACCM
- CSLB: materials containing greater than 0.1% asbestos by weight are ACCM

Materials shown in the Appendix A summary table as assumed to contain asbestos, are regulated materials under the EPA and California Air Districts regulations, Cal/OSHA regulations, and numerous additional regulations. Some of the regulatory requirements with significant logistical impacts on building owners and contractors include, but are certainly not limited to, those appearing below.

Air Districts rules require (with some exceptions) that ACM in buildings be removed prior to maintenance, repairs, renovation or demolition that would disturb the ACM. In addition, work involving the disturbance of friable (easily damaged) asbestos-containing material (and in the South Coast Air Quality Management District also nonfriable ACM) requires ten working days prior notification to the applicable regional Air District or federal EPA (except for emergencies or quantities below regulatory thresholds, which vary by district) and notification to Cal/OSHA (regardless of quantity or friability). These materials must not be disturbed, except by a licensed asbestos abatement contractor who complies with all applicable regulations.

For detailed regulatory requirements in specific situations, FACS should be consulted, or the applicable regulations should be examined.

Recommendations

1. All asbestos containing materials that will be disturbed by repairs, maintenance, construction or other activities must be removed by a licensed asbestos abatement contractor, in compliance with all applicable regulations, prior to any activities that would cause disturbance of the materials.
2. Roofing components of the entry lobby and canopy roofs must be assumed to be asbestos-containing materials until sampling and analysis of these materials can be performed. These materials should be sampled prior to any renovation activities that would disturb them.
3. Removal of impacted lead roof flashings encountered (if any) should be performed using lead-safe work practices. Lead flashings must be recycled (after removing any adhered asbestos materials, such as roofing mastic).
4. This asbestos survey report must be readily available at the building and be read and clearly understood by (at minimum) the building managers/engineers and maintenance supervisors (contact FACS if additional explanation is needed). Because asbestos surveys cannot guarantee discovery of all affected materials, all building personnel and outside contractors must be made aware of the **asbestos containing materials** that have been identified, so that they can avoid disturbance of any portions of these materials that have not been removed, including avoiding disturbance of any hidden sections of ACM uncovered during repairs/maintenance/construction work.
5. Building personnel and contractors also need to be made aware of the types of materials that were tested and found to be **non-asbestos**, so that they can be alert for any untested materials that might subject to disturbance by repairs/maintenance/construction. Untested materials can become relevant if, for example, the scope of a construction project is revised/expanded after the pre-construction asbestos survey is completed and new materials are impacted, or if construction activities uncover hidden materials that were not previously tested. If any untested materials are identified (other than non-suspect wood, metal or glass) that have the potential to be disturbed by construction, repair, maintenance, or other work, the materials must be tested by a Certified Asbestos Consultant for asbestos content prior to any disturbance.
6. In accordance with South Coast Air Quality Management District (SCAQMD) Rule 1403, if any untested materials or known asbestos materials become disturbed (including small disturbance) during the construction work, work must be stopped immediately, and the area evacuated until a Certified Asbestos Consultant can evaluate the disturbed materials and the potential site contamination from the disturbance. If materials are identified by the evaluation as asbestos-containing materials and they have been disturbed, a cleanup plan must be developed and submitted to SCAQMD for review and approval before asbestos cleanup can proceed.
7. Under the California Health and Safety Code Section 25915 et. seq., notification about asbestos-containing construction materials must be provided initially by the building owner within 15 days of receipt of the information to co-owners, tenants, employees, contract workers, or others who may encounter the material, and the notification must be provided annually thereafter. Notification of new asbestos information (such as any ACM or ACCM identified in this report) must be provided within 15 days of the end of each 90-day period. Under Cal/OSHA regulation, this information must also be provided to contractors, sub-contractors or others whose work may disturb ACM or ACCM, prior to submission of bids and performance of work.
8. For the portions of identified asbestos materials not requiring removal for the construction project (if any), the materials should be maintained in good condition and protected from disturbance. The best way to accomplish this is through development and implementation of an asbestos management program, which would also address management of untested areas and materials, and also address labeling of ACM, training, communications, and other relevant aspects of managing asbestos in buildings.

9. For assistance in developing an asbestos management program, or for further assistance with regulatory requirements, FACS should be consulted, and the applicable regulations should be reviewed.

Limitations

FACS did not disassemble building equipment; such as fans, ducts, and electrical equipment or sample subgrade materials. FACS attempted to identify hidden materials inside walls, materials concealed by overlying materials, and the like, but identification of all suspect materials cannot be guaranteed. Consequently, users of this report are hereby alerted that undiscovered materials, untested materials inside equipment or as subgrade components, such as gaskets, packings, internal components, coatings and the like may be present in the project area. If the aforementioned materials or any other untested materials are encountered, they should be assumed to be asbestos-containing materials and not disturbed, unless sampling and analysis by a Certified Asbestos Consultant shows that the materials do not contain asbestos.

This investigation is limited to the conditions and practices observed and information made available to FACS. The methods, conclusions and recommendations provided are based on FACS' judgment, expertise and the standard of practice for professional service. They are subject to the limitations and variability inherent in the methodology employed. As with all environmental investigations, this investigation is limited to the defined scope and does not purport to set forth all hazards, nor indicate that other hazards do not exist.

Please do not hesitate to contact our offices at 310-668-5600 with any questions or concerns. Thank you for the opportunity to assist the Judicial Council of California in promoting a more healthful environment.

FORENSIC ANALYTICAL



Mark Smith
CAC No. 00-2736

FORENSIC ANALYTICAL

Reviewed by:



Stephen B. Long
CAC No. 92-0580

Appendix A

Limited Asbestos Survey Summary Table



Pre-Construction Limited Asbestos Survey Summary
Santa Ana 4th DCA – Roof Replacement Project
Sampling Dates: December 9 & 21, 2020

Sample Numbers	Material Description - only materials impacted by the project are listed	Material Location(s) – within project area only (see footnote)	Asbestos Regulatory Classification	Approx. SF Potentially Impacted	Friability	Condition (percent damaged, if applicable)
NA	Roof field and components	Entry lobby & Canopy Roofs	Asbestos Containing Material (Assumed Asbestos – Area Inaccessible)	800 SF	Nonfriable	Good
01A thru 01E	Rolled roof, foam and lightweight concrete underlayment	Throughout main roof	ND	45,000 SF	Nonfriable	Good
02A thru 02C1	Parapet wall mastic (with wood backing)	Perimeter of main roof	ND	3,000 SF	Nonfriable	Good
03A thru 03C	Roofing mastic	Scattered throughout main roof - Penetrations	ND	120 SF	Nonfriable	Good
04A thru 04C	Roofing mastic	Main roof – HVAC curb flashing & wind screen support base	ND	50 SF	Nonfriable	Good
05A thru 05C	Walk pads	Main roof	ND	1,500 SF	Nonfriable	Good
06A thru 06C	Stucco	Windscreen and HVAC ‘doghouse’ on main roof	ND	1,500 SF	Nonfriable	Good
07A thru 07C	2’x4’ Ceiling Tiles	Interior of building below roof - 3 rd Floor Ceilings	ND	1,500 SF	Nonfriable	Good

ACM = Asbestos-containing Material; ND = Asbestos Not Detected; Friable = Easily damaged (by hand pressure) when dry; Nonfriable = Not easily damaged; NA = Not Applicable; SF = Square Feet

NOTE: This summary table must not be used alone. Important explanations and limitations are contained in the accompanying survey report text, including a description of the limited nature of the planned construction project (i.e., not affecting all building areas or materials), which drives the limited nature of the asbestos survey. Results cannot be extrapolated beyond the project area. Analytical results for each layer of each sample are noted in the laboratory report(s). Unless noted otherwise, asbestos regulatory classification is based upon Polarized Light Microscopy with visual area estimation of asbestos concentration (point count analysis was not performed, unless noted above in the table). All quantities are approximate. Contractors submitting bids for work affecting materials with asbestos must field verify quantities affected by their work.

Appendix B

Laboratory Reports and Chain of Custody Documents



Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Forensic Analytical Consulting Svcs
Mark Smith
4900 Airport Plaza Suite 115

Long Beach, CA 90815

Client ID: LA05
Report Number: B311558
Date Received: 12/11/20
Date Analyzed: 12/18/20
Date Printed: 12/18/20
First Reported: 12/18/20

Job ID/Site: PJ61650; Judicial Council of California - Facilities Services Court of Appeals 4th Appellate District Division 3 64-E1 601 West Santa Ana Boulevard Santa Ana

SGSFL Job ID: LA05
Total Samples Submitted: 20

Date(s) Collected: 12/09/2020

Total Samples Analyzed: 20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
01A	51401974						
Layer: White Coatings			ND				
Layer: Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Layer: Yellow Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (15 %)						
01B	51401975						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (10 %)						
01C	51401976						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Layer: Yellow Foam			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Fibrous Glass (15 %)						

Client Name: Forensic Analytical Consulting Svcs

Report Number: B311558

Date Printed: 12/18/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
01D	51401977						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (10 %)						
01E	51401978						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Multi-Layer Black Tars			ND				
Layer: Multi-Layer Black Felts			ND				
Layer: Tan Fibrous Material			ND				
Layer: Grey Cementitious Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (30 %)	Fibrous Glass (10 %)						
02A	51401979						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Black Tars			ND				
Layer: Black Felt			ND				
Layer: Tan Fibrous Material			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (7 %)						
02B	51401980						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Black Tars			ND				
Layer: 3 Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (10 %)						
02C	51401981						
Layer: White Coating			ND				
Layer: Stones			ND				
Layer: Black Tars			ND				
Layer: 2 Black Felts			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (10 %)						

Client Name: Forensic Analytical Consulting Svcs

Report Number: B311558

Date Printed: 12/18/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
03A	51401982						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
03B	51401983						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
03C	51401984						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
04A	51401985						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
04B	51401986						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
04C	51401987						
Layer: White Non-Fibrous Material			ND				
Layer: Stones			ND				
Layer: Black Felt and Tar			ND				
Total Composite Values of Fibrous Components: Cellulose (15 %)		Asbestos (ND)					
05A	51401988						
Layer: White Non-Fibrous Material			ND				
Layer: Black Tar with Stones			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components: Cellulose (Trace) Fibrous Glass (7 %)		Asbestos (ND)					

Client Name: Forensic Analytical Consulting Svcs

Report Number: B311558

Date Printed: 12/18/20

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
05B	51401989						
Layer: White Non-Fibrous Material			ND				
Layer: Black Tar with Stones			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
05C	51401990						
Layer: White Non-Fibrous Material			ND				
Layer: Black Tar with Stones			ND				
Layer: Black Felt			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)	Fibrous Glass (7 %)						
06A	51401991						
Layer: White Fibrous Material			ND				
Layer: Black Felt			ND				
Layer: Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Synthetic (10 %)						
06B	51401992						
Layer: White Fibrous Material			ND				
Layer: Black Felt			ND				
Layer: Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Synthetic (10 %)						
06C	51401993						
Layer: White Fibrous Material			ND				
Layer: Black Felt			ND				
Layer: Beige Plaster			ND				
Layer: Off-White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (5 %)	Synthetic (10 %)						



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories 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 samples were received in acceptable condition unless otherwise noted.

SAMPLING DATA FORM

CLIENT: LA05 Forensic Analytical Consulting Services 4900 Airport Plaza Drive Suite 115 Long Beach, CA 90815 92701 Ana Ca	Phone/Fax:	Sample Date: 12/9/20
	Turnaround Time: <u>24</u> hr <u>48</u> hr <input checked="" type="checkbox"/> Extended (<u>3</u> days) <u>Rush</u>	
	Analyses: <input checked="" type="checkbox"/> PLM Standard <u>PLM Point Count</u>	
	Special Instructions: E-mail Results to Mark Smith	
Site: Court of Appeal 601 W. Santa Ana Blvd ⁹²⁷⁰¹	PM: Mark Smith	FACS Client No.: FACS Job No.: PJ 61650
Sampled by: Larry Richardson		

Material Description	Material Location(s)	Approx. Quant.	Friable ?	Cond.	Sample Number	Sample Location	Photo #
White Duct Cap corner mastic & Wind Screen Support Straps Mastic	T/O Roof North, South of Center Section	50 sf ±	L	G1	04A	AT White Duct Cap @ N. Part. M/W line	239
					04B	AT Center of Room @ Roof S/E corner	
					04C	AT. Center Roof. W. Side AT Entrance	
WMM PADS	T/O Roof North, South of Center Section	300 sf ±	N	G1	05A	AT. North Roof. Adjacent Access Hatch	
					05B	AT Center Roof. W. side	
					05C	AT Center Roof E. side	
EXT. Stucco	ON WIND SCREEN & DUCT. PLenum Boxes - East & West North & South	1500 sf ±	L	G1	06A	AT White Duct plenum Center Roof ^{E. Side}	240
					06B	AT White Duct plenum Center Roof E. side	
					06C	AT. WIND SCREEN S/E Side	
ASSUMED ENTRANCE ROOF OVERHANG CHIMNEY & LOWER ROOF	East West Side						

DW = Gypsum JC = Joint Compound VFT = Vinyl Floor Tile BB = Baseboard MAS = Mastic ASA = Adhesive IP = Fireproofing
 VSP = Vinyl Sheet Flooring ACTIP = Acoustic Ceiling Tile/Panel ACS = Sprayed-on Acoustical Ceiling Material WT = Wall Texture
 FD = Fire Door TSI = Thermal System Insulation Exp. Jt. = Expansion Joint PEN = Penetration

Square Feet: SF; Linear Feet: LF
 Friable: Yes / No
 Condition: 1 Good / 2 Damaged / 3 Significant Damage

Sampled & Relinquished by: <i>Jerry Fisher</i> Date & Time: 12/10/20 11:29 Received by: <i>Ali May</i> Date & Time: 12/11/20 2:00am D/O	Relinquished by: Date & Time: Received by: Date & Time:	Relinquished by: Date & Time: Received by: Date & Time:
--	--	--

SAMPLING DATA FORM

CLIENT: LA05 Forensic Analytical Consulting Services 4900 Airport Plaza Drive Suite 115 Long Beach, CA 90815 92701 SANTA ANA CA	Phone/Fax:	Sample Date: 12/9/20
	Turnaround Time: <u>24</u> hr <u>48</u> hr <input checked="" type="checkbox"/> Extended (<u>3</u> days) <u>Rush</u>	
	Analysis: <input checked="" type="checkbox"/> PLM Standard <u>PLM Point Count</u>	
	Special Instructions: E-MAIL RESULTS TO MARK SMITH	

Site: COURT of APPEAL 601 W. SANTA ANA BLVD.	PM: MARK SMITH
Sampled by: Larry Richardson	FACS Client No.: FACS Job No.: PJ61650

Material Description	Material Location(s)	Approx. Quant.	Friable ?	Cond.	Sample Number	Sample Location	Photo #
Routed on Roof with Foam, light weight concrete	To center of Roof (light weight ^{only} & mesh & mesh)	4500ft ²	N	G.I.	01A	AT North Roof East side	236
					01B	AT Center Roof East side	
					01C	AT South Roof center	
					01D	AT Center Roof West side	
					01E	AT Center Roof South side	
Perimeter wall mastic w/ wood backing	To perimeter edges of Roof North & South and center	3000ft ²	L	G.I.	02A	AT North Roof S. side	237
					02B	AT South Roof South side	
					02C	AT S/E Wind Screws AT Base	
Penetration mastic	To Roof	120ft ²	N	G	03A	AT Vent Pipe N. side of N. Roof	238
					03B	AT Vent pipe W. side AT center	
					03C	AT Vent pipe S. side @ Roof E. side	

DW = Gypsum JC = Joint Compound VFT = Vinyl Floor Tile BB = Baseboard MAS = Mastic ADH = Adhesive FP = Fireproofing Square Feet: SF; Linear Feet: LF
 VSP = Vinyl Sheet Flooring ACTIP = Acoustic Ceiling Tile/Panel ACS = Sprayed-on Acoustical Ceiling Material WT = Wall Texture Friable: Yes / No
 PD = Fire Door TSI = Thermal System Insulation Exp. Jt. = Expansion Joint PEN = Penetration Condition: 1 Good / 2 Damaged / 3 Significant Damage

Sampled & Relinquished by: <i>Jamie [Signature]</i> Date & Time: 12/10/20 18:29 Received by: <i>[Signature]</i> Date & Time: 12/11/20 8:00am D/O	Relinquished by: Date & Time: Received by: Date & Time:	Relinquished by: Date & Time: Received by: Date & Time:
---	--	--

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Forensic Analytical Consulting Svcs
Mark Smith
4900 Airport Plaza Suite 115
Long Beach, CA 90815

Client ID: LA05
Report Number: B311662
Date Received: 12/21/20
Date Analyzed: 12/24/20
Date Printed: 12/24/20
First Reported: 12/24/20

Job ID/Site: PJ61650; Judicial Council of California - Facilities Services Court of Appeals 4th Appellate District Division 3 64-E1 601 West Santa Ana Boulevard Santa Ana

SGSFL Job ID: LA05
Total Samples Submitted: 3
Total Samples Analyzed: 3

Date(s) Collected: 12/21/2020

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
07A	51403065						
Layer: Grey Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
07B	51403066						
Layer: Grey Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						
07C	51403067						
Layer: Grey Fibrous Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (20 %)	Fibrous Glass (60 %)						



Tiffani Ludd, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

Analytical results and reports are generated by SGS Forensic Laboratories (SGSFL) at the request of and for the exclusive use of the person or entity (client) named on such report. Results, reports or copies of same will not be released by SGSFL to any third party without prior written request from client. This report applies only to the sample(s) tested. Supporting laboratory documentation is available upon request. This report must not be reproduced except in full, unless approved by SGSFL. The client is solely responsible for the use and interpretation of test results and reports requested from SGSFL. SGSFL is not able to assess the degree of hazard resulting from materials analyzed. SGS Forensic Laboratories 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 samples were received in acceptable condition unless otherwise noted.

SAMPLING DATA FORM

CLIENT: LA05 Forensic Analytical Consulting Services 4900 Airport Plaza Drive Suite 115 Long Beach, CA 90815	Phone/Fax:	Sample Date: 12/21/2020	
	Turnaround Time: <u>24</u> hr <u>48</u> hr <input checked="" type="checkbox"/> Extended (<u>2</u> days) <u> </u> Rush	Analysis: <input checked="" type="checkbox"/> PLM Standard <u> </u> PLM Point Count	
	Special Instructions: e-mail results to mark Smith		
	PM: Mark Smith		

Site: SANTA ANA COURT OF APPEAL & DISTRICT 92201
601 W. SANTA ANA CA 92708 Blvd SANTA ANA CA

Sampled by: Larry Richards FACS Client No.: FACS Job No.: PJ 61650

Material Description	Material Location(s)	Approx. Quant.	Friable ?	Cond.	Sample Number	Sample Location	Photo #
<u>2x4 WHITE Ceiling Tile (Smooth)</u>	<u>Tlo 3rd Floor Corridors, offices Break Room, Conference Rooms,</u>	<u>3,000 +/-</u>	<u>Y</u>	<u>G-1</u>	<u>07A</u>	<u>Room 349 AT CENTER</u>	
					<u>07B</u>	<u>AT Corridor Adj Room 338</u>	
					<u>07C</u>	<u>at Room 330 (Break room) AT CENTER</u>	
X							

DW = Gypsum JC = Joint Compound VFT = Vinyl Floor Tile BS = Baseboard MAS = Mastic ADH = Adhesive FP = Fireproofing Square Feet: SF; Linear Feet: LF
 VSF = Vinyl Sheet Flooring ACT/P = Acoustic Ceiling Tile/Panel ACS = Sprayed-on Acoustical Ceiling Material WT = Wall Texture Friable: Yes / No
 FD = Fire Door TSI = Thermal System Insulation Exp. Jt. = Expansion Joint PEN = Penetration Condition: 1 Good/ 2 Damaged/ 3 Significant Damage

Sampled & Relinquished by: <u>Larry Richards</u> Date & Time: <u>12/21/2020 11:48</u>	Relinquished by: Date & Time:	Relinquished by: Date & Time:
Received by: <u>Al May</u> Date & Time: <u>12-21-20 10:55am D/O</u>	Received by: Date & Time:	Received by: Date & Time:

Appendix C

Personnel and Laboratory Certifications



United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101459-1

SGS Forensic Laboratories

Carson, CA

*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).*

2020-07-01 through 2021-06-30

Effective Dates



A handwritten signature in blue ink, reading "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS Forensic Laboratories

20535 S. Belshaw Ave.

Carson, CA 90746

Mr. Steven Takahashi

Phone: 310-294-4365 Fax: 310-764-1136

Email: steven.takahashi@sgs.com

<http://www.falaboratories.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101459-1

Bulk Asbestos Analysis

Code

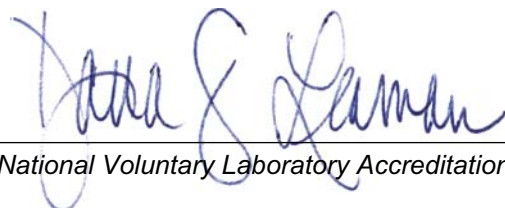
Description

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

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health

Asbestos Certification & Training Unit

2424 Arden Way, Suite 495

Sacramento, CA 95825-2417

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

712052313T

158

January 17, 2020

Larry D Richardson
1500 Hickory Avenue, Apt. 232
Torrance CA 90503

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 notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal - Card Attached 08/2019



DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit2424 Arden Way, Suite 495
Sacramento, CA 95825-2417(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> acru@dir.ca.gov

003232736C

200

**Forensic Analytical Consulting Services
Mark A Smith
2959 Pacific Commerce Drive
Rancho Dominguez CA 90221****February 07, 2020**

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 notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached 08/2019



DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & Training Unit
1750 Howe Avenue, Suite 460
Sacramento, CA 95825
(916) 574-2993 Office <http://www.dir.ca.gov/dosh/asbestos.html> acru@dir.ca.gov



208040580C

12

August 11, 2020

Stephen Bruce Long
[REDACTED] Road
[REDACTED] CA [REDACTED]

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 notify our office via U.S. Postal Service or other carrier of any changes in your mailing or work address within 15 days of the change.

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File



Appendix D

Floor Plan Depicting Sample Locations



**Right People
Right Perspective
Right Now**

www.forensicanalytical.com