
San Pasqual Valley Unified School District

Item #1 Section 07550 Modified Bituminous Membrane Roofing, Section 1.1, B., ADD:

1. Contractor is responsible for cost and coordination of ACM removal per the attached test results.

Item #2 Section 07 32 20 Roofing Tile, Section 1.1, B., ADD:

1. Contractor is responsible for cost and coordination of ACM removal per the attached test results.



ASBESTOS INSPECTION REPORT – ROOF SURVEY

For The

SAN PASQUAL VALLEY HIGH SCHOOL BUILDING 301 ROOF

676 Baseline Rd
Winterhaven, California 92283

Prepared For

SAN PASQUAL VALLEY UNIFIED SCHOOL DISTRICT

676 Baseline Rd
Winterhaven, California 92283

Prepared By



16700 Valley View Avenue, Suite 100, La Mirada, California 90638
(714) 523- 9811 • Fax (714) 523-9810

January 24, 2024

ENCORP PROJECT NUMBER P24029.RES

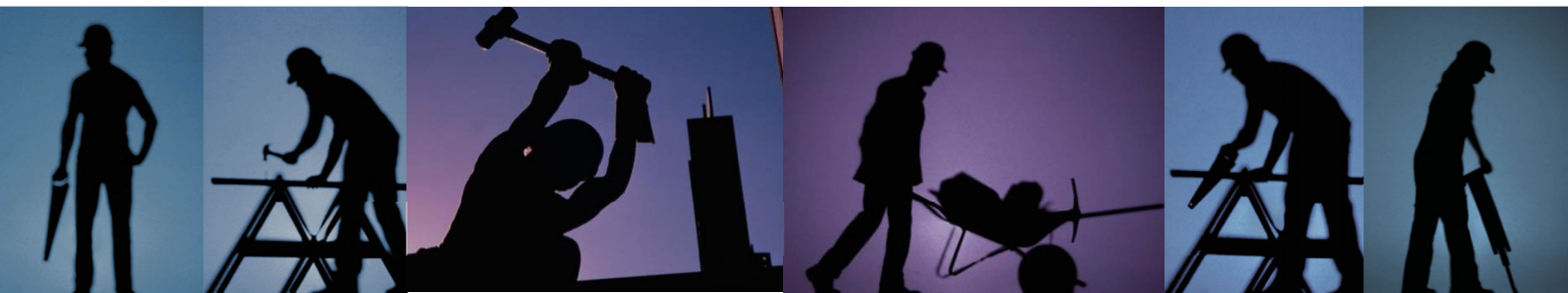


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I. ASBESTOS INSPECTION REPORT

ASBESTOS ROOF INSPECTION REPORT

FACILITY: **SAN PASQUAL VALLEY HIGH SCHOOL**
Building 301 Roof
676 Baseline Rd
Winterhaven, California 92283

INSPECTION DATE: January 24, 2024

INTRODUCTION

The **SAN PASQUAL VALLEY HIGH SCHOOL** retained **ENCORP** to conduct an asbestos roof inspection of the roofs impacted in upcoming replacement projects at the **Building 301 Roof**, of the **SAN PASQUAL VALLEY HIGH SCHOOL DISTRICT** campus located at 676 Baseline Rd, Winterhaven, California 92283. The inspection results that follow summarize the components tested and the results. This report does not constitute a full comprehensive inspection and is limited to roofing materials of Building 301 Roof.

Asbestos is a general term applied to a group of naturally occurring minerals which separate into fibers. This fibrous material (e.g., Amosite, Chrysotile, Crocidolite, Tremolite, Anthophyllite, and Actinolite) are composed of silicates of aluminum, magnesium and other metals which are incombustible and very difficult to destroy or degrade. Asbestos has a tendency to break into a dust of tiny fibers which can float in the air and be inhaled or swallowed. Asbestos inhalation exposure has been shown to increase the risk of developing lung cancer, mesothelioma (cancer of the lining of the lung and/or abdomen.) and asbestosis (chronic lung disease), as well as other damage to the lungs. Exposure occurs by breathing asbestos fibers produced as a fine dust when asbestos is handled during fabrication, installation or removal. By definition Asbestos Containing Materials (ACM) is any material or product which contains greater than 1 percent (1%) asbestos. CAL/OSHA further regulates the content of asbestos in materials or products that contain 1 tenth of a percent (0.1%) or more asbestos for the purpose of worker and occupant protection.

ENCORP's California Certified Asbestos Site Surveillance technician Mr. Angel Jimenez (CSST No. 15-5431) completed the site inspections at the direction of Certified Asbestos Consultant Mr. Alexander Blankevoort (CAC No. 04-3555). Prior to sample collection, **ENCORP's** representatives conducted a visual investigation of the property to identify and quantify all suspect asbestos containing, building materials. Upon completion of the visual investigation, building materials were grouped into homogeneous categories and samples were collected from the suspect ACM's previously identified.

SAMPLING METHODOLOGY – ASBESTOS

ENCORP used a modified random sampling protocol to collect the samples of the suspect ACM's. Each of the suspect samples collected for this report were given a unique sample identification number and sealed inside leak proof containers for shipment to the laboratory for analysis.

All of the asbestos bulk samples collected during this inspection were analyzed by **ENCORP**. **ENCORP** is accredited by NIST/NVLAP for analysis of asbestos fibers in bulk. These samples were analyzed by Polarized Light Microscopy/Dispersion Staining (EPA/600/R-93/116). This method is designed as an inexpensive screening method to examine bulk samples; it is not an absolute method. Any visible light method (including PLM) is limited by the resolution possible with visible light.

INSPECTION RESULTS – ASBESTOS

The following contains the summary of the suspect asbestos containing materials sampled during this inspection, including the location and laboratory analysis. Positive ACM's are distinguished in "**bold**". Samples collected and found not to contain asbestos are classified as being None Detected "ND". The complete sampling results can be found in the attachment section of this report.

SUMMARY OF SUSPECT MATERIALS TESTED						
Building 301						
Sample No.	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
1 2 3	Rock roof Core	Main Roof	G	NF	7700 sq. ft.	Roof Core = ND Mastic = ND
4 5 6	Gray/ Black Mastic	Main Roof	G	NF	40 sq. ft.	5% Chrysotile
7 8 9	Roof Edge Mastic	Main Roof	G	NF	20 sq. ft.	4% Chrysotile
10 11 12	Black Mastic	Main Roof	G	NF	10 sq. ft.	4% Chrysotile
13 14 15	Vapor Barrier/ Mastic	Clay tile Roof	G	FR	1200 sq. ft.	Vapor Barrier = ND Mastic = 4% Chrysotile

Note: Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

DISCUSSIONS AND RECOMMENDATIONS (ASBESTOS)

Asbestos was identified in the roofing penetration mastic within this scope of work.

Asbestos containing material should be removed by a licensed abatement contractor in accordance to Federal, State and local regulations. ENCORP also recommends that a California Certified Asbestos Consultant/Site Surveillance Technician oversee the project to ensure that proper methods are being utilized.

Additional asbestos-containing materials may be present at this site. Care should be taken when demolishing materials that will open wall cavities or sealed ceiling areas. If any additional known, assumed, or suspected asbestos-containing materials or lead-based painted components are discovered during renovation, remodeling, or demolition activities, contact an environmental consultant to determine the proper course of action.

Should you have any questions concerning this report, please contact me at (714) 523-9811. Thank you.

Respectfully submitted,



Alexander E. Blankevoort
Certified Asbestos Consultant # 04-3555
California DHS Inspector/Assessor #11092

II. SAMPLE ANALYSIS

Client Name:	Reference Batch Number: <u>063382</u>	Project Number: <u>P24029</u> . <u>RES</u>
Client Address:	Sampled Date: <u>1/24/2024</u>	Date Received: <u>1/29/2024</u>
Facility Name: <u>San Pasqual Valley HS - Roof</u>	Sampled By: <u>ANGEL JIMENEZ</u>	Date Analyzed: <u>1/30/2024</u>
Facility Address: <u>676 Baseline Rd</u> <u>Winterhaven, CA 92283</u>	Analyzed By: <u>KRISTINA MARTINEZ</u>	

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
809780A	001A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809780B	001B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809781A	002A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809781B	002B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809782A	003A	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) ROCK ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
809782B	003B	BUILDING 301 - MAIN ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
809783	004	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	NF	5% CHRYSOTILE	95% MATRIX
809784	005	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	NF	POSITIVE STOP	

-NOTES: ND=None Detected. Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited. In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quantified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Client Name: San Pasqual Valley HS - Roof Project Number: P24029 · RES
 Client Address: 676 Baseline Rd Date Received: 1/29/2024
Winterhaven, CA 92283 Analyzed By: ANGEL JIMENEZ Date Analyzed: 1/30/2024
 Reference Batch Number: 063382
 Sampled Date: 1/24/2024
 Analyzed By: KRISTINA MARTINEZ

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/Client Number	SAMPLE DESCRIPTION		Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color			
809785	006	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) GRAY/BLACK MASTIC	NF	POSITIVE STOP
809786	007	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	NF	4% CHRYSOTILE 96% MATRIX
809787	008	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	NF	POSITIVE STOP
809788	009	BUILDING 301 - MAIN ROOF	GRAY/BLACK	(FIBROUS) ROOF EDGE MASTIC	NF	POSITIVE STOP
809789	010	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	NF	4% CHRYSOTILE 96% MATRIX
809790	011	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	NF	POSITIVE STOP
809791	012	BUILDING 301 - MAIN ROOF	BLACK	(FIBROUS) BLACK MASTIC	NF	POSITIVE STOP
809792A	013A	BUILDING 301 - CLAY TILE ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED 75% CELLULOSE 25% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited. In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quantified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116; Method for the Determination of Asbestos in Bulk Building Materials, EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

Client Name:
Client Address:

Reference Batch Number: 063382
Sampled Date: 1/24/2024

Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Facility Name: San Pasqual Valley HS - Roof
Facility Address: 676 Baseline Rd
Winterhaven, CA 92283

Project Number: P24029 · RES
Date Received: 1/29/2024
Date Analyzed: 1/30/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION		Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color			

809792B 013B BUILDING 301 - CLAY TILE ROOF GRAY/BLACK (FIBROUS) MASTIC NF 4% CHRYSOTILE 96% MATRIX

809793A 014A BUILDING 301 - CLAY TILE ROOF BLACK (FIBROUS) VAPOR BARRIER FR NONE DETECTED 75% CELLULOSE 25% MATRIX

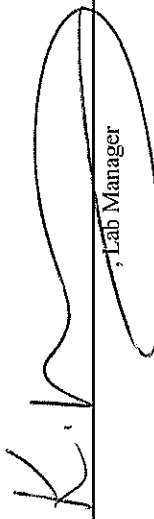
809793B 014B BUILDING 301 - CLAY TILE ROOF GRAY/BLACK (FIBROUS) MASTIC NF POSITIVE STOP

809794A 015A BUILDING 301 - CLAY TILE ROOF BLACK (FIBROUS) VAPOR BARRIER FR NONE DETECTED 75% CELLULOSE 25% MATRIX

809794B 015B BUILDING 301 - CLAY TILE ROOF GRAY/BLACK (FIBROUS) MASTIC NF POSITIVE STOP

Notes:

APPROVED SIGNATURE



, Lab Manager

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited. In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quantified using a calibrated visual estimate. Bulk sample(s) submitted in accordance with the procedures EPA 600/R-93/116. Method for the Determination of Asbestos in Bulk Building Materials, EPA - 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

063382

CHAIN OF CUSTODY FORM

16700 Valley View Avenue, Suite 100
La Mirada, California 90638
Tel: (714) 523-9811
Fax: (714) 523-9810
www.encorp.net



Asbestos Bulk Analysis: PLM Bulk 1000 Point Count
Turn-around Time: RUSH 24 HRS 48 HRS 72 HRS Standard

CLIENT: RES DATE: 1/24/24 PAGE: 1 OF 2

JOB NO: P24029.RES INSPECTORS: Angel Jimenez

LOCATION: San Pasqual Valley HS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	809787	Building 301 - Main Roof	Rock Fast Core			
2.	809781					
3.	809782					
4.	809783		Grey/Black Mastix			
5.	809784					
6.	809785					
7.	809786		Roof Edge Mastix			
8.	809787					
9.	809788					
0.	809789		Black Mastix			

CHAIN OF CUSTODY

Sampled by/Relinquished: (Print and Sign) Angel Jimenez Date/Time: 1/26/24 2300

Sampled by/Relinquished: (Print and Sign) [Signature] Date/Time: 1/25/24 @ 8am

Sampled by/Relinquished: (Print and Sign) [Signature] Date/Time: [Signature]

ABBREVIATIONS:

CONDITION: OTHER: S.F. = Square Feet L.F. = Linear Feet

S = Surface Material
TSI = Thermal Systems Insulation
M = Miscellaneous Material
SD = Significantly Damaged

Comments/special Instructions:



053382

CHAIN OF CUSTODY FORM

16700 Valley View Avenue, Suite 100
 La Mirada, California 90638
 Tel: (714) 523-9811
 Fax: (714) 523-9810
 www.encorp.net

Asbestos Bulk Analysis: PLM Bulk 1000 Point Count
 Turn-around Time: RUSH 24 HRS 48 HRS 72 HRS Standard

CLIENT: RES DATE: 1/24/24 PAGE: 2 OF 2
 JOB NO: P24029.RES INSPECTORS: Angel Jimenez
 LOCATION: San Pasqual Valley #3

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	809797					
2.	809791					
3.	809792	- Clay Tile Roof	Vapor Barrier/Mastic			
4.	809793					
5.	809794					
6.						
7.						
8.						
9.						
0.						

ABBREVIATIONS:

TYPES OF MATERIALS: S = Surface Material, TSI = Thermal Systems Insulation, M = Miscellaneous Material, Comments/special Instructions:

CONDITION: G = Good, D = Damaged, SD = Significantly Damaged

OTHER: S.F. = Square Feet, L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: (Print and Sign) Angel Jimenez Date/Time: 1/26/24 2:30

Sampled by/Relinquished: (Print and Sign) TS Baller Date/Time: 1/29/24 @ 8 am

Sampled by/Relinquished: (Print and Sign) _____ Date/Time: _____

ENCORP Laboratory Services - 16700 Valley View Avenue, Suite 100, La Mirada, California 90638
 Office (714) 523-9811, Fax (714) 523-9810

III. CERTIFICATIONS





STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 Angel Jimenez	Lead Sampling Technician	LRC-00002763	9/15/2024

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





STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
 Alexander Blankevoort	Lead Inspector/Assessor	LRC-00005443	2/21/2024

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

IV. FIELD INSPECTION DATA

HOMOGENEOUS MATERIALS INSPECTION FORM

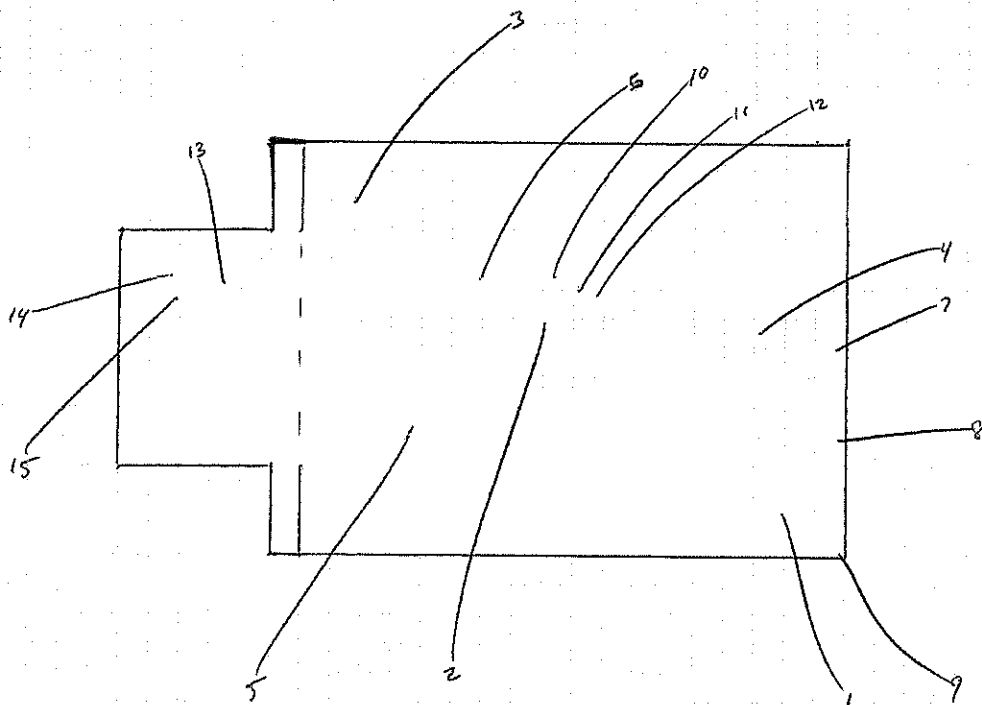
Date: 1/24/24 Project Name: _____ Project # P24029-RES

Project Address: San Pasqual Valley HS


Inspector(s): Angel Jimenez Page: 1 of 1

Building: _____ Building Code: _____

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Roof Roof Core	Building 301 Main Roof		7700φ	G	3	1-3
Grey/Black Mastic			40φ			4-6
Roof Edge Mastic			20φ			7-9
Black Mastic			10φ			10-12
Vapor Barrier/ Mastic	Clay Tile Roof		1200φ			13-15



N ↑
= PLM

DESCRIPTION: San Pasqual Valley High School - BLDG 301		 ENCORP Engineering our Environment 16700 Valley View Ave., Suite 100 La Mirada, CA 90638 (714) 523-9811 FAX(714) 523-9810
JOB NAME: Aem Roof		
JOB NUMBER: P24029. RES		
DRAWN BY: Angel Jimenez	DATE: 11/24/24	

V. LIMITATIONS

LIMITATIONS

Conditions described in this report are as found at the time of investigation, unless otherwise stated.

ENCORP analyzed only the substances, conditions, and locations described in this report at the time indicated. No inferences regarding other substances, conditions, location or time can be made unless specifically stated in this report. **ENCORP's** inspection was limited to accessible materials identified by the client that may be impacted in upcoming renovation activities only for the purpose of this survey.

This report is intended for the use listed in the section of this report titled "INTRODUCTION". The use of this report in any manner other than that listed in the Introduction requires the written consent of **ENCORP**. This report must be presented in its entirety.

The conclusions and recommendations presented are based on the agreed upon scope of work outlined in this report. **ENCORP** makes no warranties or guarantees as to the accuracy or completeness of information obtained from information provided or compiled by others. Note that information exists beyond the scope of this investigation. Additional information, which was outside this scope of work, not found, or available to **ENCORP** at the time of writing this report, may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by **ENCORP** have been conducted in a manner consistent with a level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.