



*Preparing Career Ready Graduates*

**Purchasing Services**

Edward Collins, Executive Director  
4498 N. Brawley Ave. Fresno, CA 93722  
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November 18, 2020

**ADDENDUM No. 1**

**Eaton Elementary School HV AC Replacement for Classrooms  
Rebid Informal Bid No. 1140-35328**

**NOTICE TO ALL BIDDERS**

This Addendum is attached to and made a part of the above entitled specifications for Fresno Unified School District with a scheduled bid opening on November 24, 2020 prior to 2:01 P.M. All changes and/or clarifications will appear in **bold** type and deletions will be struck out in revised sentences.

Incorporate the following into your bid response.

**I. REFERENCE: SECTION 00 21 00-2 INFORMATION TO BIDDERS, JOB-WALK SIGN-IN SHEETS**

*Add: Incorporate Job-Walk Sign-in Sheet.*

**Attached is the Job-Walk Sign-In Sheet for the mandatory job-walk held on October 12, 2020, 9:00AM at Eaton Elementary School.** Only prime bidders are required to attend in order to be considered a responsive bidder.

**III. REFERENCE: JOB WALK REQUEST FOR INFORMATION (RFI)**

*Add: Incorporate into Bid response.*

Q1. Will an asbestos report be provided?

**A1. Attached is the Asbestos and Lead Survey report provided by Forensic Analytical Consulting Services.**

Q2. Who will be responsible for clearing the storage closet next to room 21 for contractor access?

**A2. FUSD will be responsible for clearing storage closet for contractor access.**

Q3. Who will identify underground electrical resources?

**A3. The District will provide locating services to identify owner's/district's existing infrastructure. Contractor will be responsible for contacting 811 locating services.**

Acknowledge receipt and understanding of this addendum in designated area of the Bid Form.

  
Edward Collins  
Executive Director of Purchasing

# MANDATORY Pre-Bid Conference / Job Walk Sign-in Sheet

Informal Bid No. 1140-35325

## Eaton Elementary School HVAC Replacement for Classrooms Rebid

Pre-Bid Conference Date: November 12, 2020 @ 9:00 A.M.

District Address	Conference Location	District Contact
Fresno Unified School District Purchasing Department 4498 N. Brawley Ave Fresno CA 93722	in front of the Administration Office of <b>Eaton Elementary School</b> 1451 E. Sierra Ave. Fresno, CA 93710	Ann Loorz, Purchasing Manager 4498 N. Brawley Ave Fresno, CA 93722 559-457-3582
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>COASTWIDE . ENV.</u>		(559) 351 - 4938
City: <u>FRESNO CA.</u>		Email
Contact Name: <u>LOUIE TOVAM</u>		<u>LOUIE@COASTWIDE.NET</u>
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Rakkar Dev. &amp; Const.</u>		(510) 358 - 1293
City: <u>Fresno, CA</u>		Email
Contact Name: <u>BO Gill</u>		<u>BO@RPCcompanies.com</u>
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Strategic Mechanical</u>		(559) 291-1952
City: <u>Fresno</u>		Email
Contact Name: <u>Mark Stoeckle</u>		<u>mstoeckle@strategicmech.com</u>
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Collins Electric</u>		(559) 454 - 8164
City: <u>fresno</u>		Email
Contact Name: <u>Neil Ordway</u>		<u>ordway@Collinselectric.com</u>
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Buildings Unlimited</u>		(559) 534 - 5848
City: <u>Madera</u>		Email
Contact Name: <u>Lyle Bolte</u>		<u>lyle@buildingsunlimited.net</u>

# MANDATORY Pre-Bid Conference / Job Walk Sign-in Sheet

Informal Bid No. 1140-35325

## Eaton Elementary School HVAC Replacement for Classrooms Rebid

Pre-Bid Conference Date: November 12, 2020 @ 9:00 A.M.

District Address	Conference Location	District Contact
Fresno Unified School District Purchasing Department 4498 N. Brawley Ave Fresno CA 93722	in front of the Administration Office of <b>Eaton Elementary School</b> 1451 E. Sierra Ave. Fresno, CA 93710	Ann Loorz, Purchasing Manager 4498 N. Brawley Ave Fresno, CA 93722 559-457-3582
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Carrier Corporation</u>		(209) 252 - 2481
City: <u>Sacramento</u>		Email
Contact Name: <u>Jed Thompson</u>		
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>Fresno Unified</u>		( ) -
City: <u>Fresno</u>		Email
Contact Name: <u>Danny Anderson</u>		
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name: <u>FUSD</u>		( ) -
City:		Email
Contact Name: <u>Ann Loorz</u>		
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name:		( ) -
City:		Email
Contact Name:		
<b>Contractor Information</b>		<b>Phone Number</b>
Company Name:		( ) -
City:		Email
Contact Name:		



March 19, 2020

## Asbestos & Lead Survey Report

**Eaton Elementary School  
Classrooms 21 and 24 A & B  
HVAC Addition  
1451 East Sierra Avenue  
Fresno, CA 93710**

Prepared for:

**Danny Anderson**  
**Facilities Management and Planning**  
**Fresno Unified School District**  
4600 N. Brawley Avenue  
Fresno, CA 93722  
(559) 647-9923 |  
william.anderson@fresnounified.org

Prepared By:

**Chris Chipponeri, CAC, I/RA**  
**Forensic Analytical Consulting Services**  
371 E. Bullard Avenue, Suite 109  
Fresno, CA 93710  
559-436-0277 |  
cchipponeri@forensicanalytical.com

FACS Project #PJ45936



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**Appendix A: Asbestos Survey Summary Table, Sample Chain-of-Custody and Laboratory Results Report**

**Appendix B: Lead Results Summary, Sample Chain-of-Custody, Laboratory Results Report, and CDPH 8552 Form**

**Appendix C: Sample Location Drawings**

**Appendix D: Certifications of Personnel and Laboratories**



## List of Acronyms

ACCM	Asbestos Containing Construction Material
ACM	Asbestos Containing Material
ASHERA	Asbestos Hazard Emergency Response Act
AIHA	American Industrial Hygiene Association
CAC	California - Certified Asbestos Consultant
Cal/OSHA	California Occupational Safety and Health Association
CCR	Code of California Regulations
CFR	Code of Federal Regulation
DOSH	Department of Occupational Safety and Health
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency (EPA)
FACS	Forensic Analytical Consulting Services, Inc.
FALI	Forensic Analytical Laboratories, Inc.
ND	None Detected
NESHAP	National Emissions Standard Hazardous Air Pollutants
NIOSH	National Institute for Occupational Safety and Health
NIST	National Institute of Science and Technology
NVLAP	National Voluntary Laboratory Accreditation Program
PLM	Polarized Light Microscopy
TEM	Transmission Electron Microscopy
TTLC	Total Threshold Limit Concentration

## Executive Summary

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Fresno Unified School District (FUSD) to perform a limited asbestos and lead paint survey for the HVAC addition project at Classrooms 21 and 24 A & B of Eaton Elementary School, located at 1451 East Sierra Avenue in Fresno, California. The survey included all suspect asbestos-containing materials (ACM) and paints and coatings suspect for lead which may be disturbed during the renovation. A list of suspect asbestos-containing materials which were identified and sampled is included in Appendix A of this report. A list reporting suspect lead-containing paints or coatings which were identified and tested is included in Appendix B of this report. The survey was performed on March 10, 2020.

### Asbestos

No materials tested were found to contain asbestos by laboratory analysis. The survey was limited to stucco material found at the exterior of the classrooms, which can be impacted by any personnel without regard to asbestos requirements.

Any suspect materials not included in this inspection must be assumed to be asbestos-containing materials until tested and proven to be asbestos-free.

### Lead

Laboratory results indicate that the following paints or coatings may be handled as “lead-free” by any personnel as they did not contain lead above the laboratory’s reporting limit:

- Cream paint on metal cooler unit – Classroom 24 A & B
- Cream paint on wood overhang – Classroom 24 A & B
- Cream paint on metal cooler unit – Classroom 21

If any other suspect paints or coatings will be disturbed during this project, they must be assumed to be lead-containing until tested and proven to be lead-free.

FACS recommends that the results of this report be incorporated into any renovation plans provided for this project for informational purposes.

## Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Fresno Unified School District (FUSD) to perform a limited asbestos and lead paint survey for the HVAC addition project at Classrooms 21 and 24 A & B of Eaton Elementary School, located at 1451 East Sierra Avenue in Fresno, California. The survey included all suspect asbestos-containing materials (ACM) and paints and coatings suspect for lead which may be disturbed during the renovation. The survey was performed on March 10, 2020.

## Scope of Work

The purpose of this survey was to identify asbestos-containing materials (ACMs) and lead-containing paints and coatings which may be disturbed during the planned renovation of the structures. The visual inspection, bulk sampling, and survey documentation were performed by Jeff Olsen. Mr. Olsen is a Division of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST #01-2873) and a California Department of Public Health (CDPH) Certified Lead Sampling Technician (#LRC-00001196). Mr. Olsen performed the survey under the direction and supervision of Chris Chipponeri. Mr. Chipponeri is a DOSH Certified Asbestos Consultant (CAC #10-4633) and CDPH Certified Lead Inspector/Risk Assessor (I/R #LRC-00000782). The scope of the survey and the services provided by FACS included:

- Performing a visual inspection of the project area to identify accessible suspect asbestos-containing materials (ACMs) that will be disturbed during the planned renovation project;
- Collection of bulk material samples for asbestos analysis by polarized light microscopy (PLM);
- Collection of bulk paint chip samples for lead analysis by flame atomic absorption;
- Ensuring the technical quality of all work by using Asbestos Hazard Emergency Response Act (AHERA) accredited Inspectors;
- Ensuring the technical quality of all work by using California Department of Public Health (CDPH) Certified Lead Sampling Technicians and Inspector/Risk Assessors;
- Consolidating data and findings into a report format.

## Site Characterization

The portables at Eaton Elementary School to be renovated are composed of a variety of common building materials. Suspect asbestos-containing materials observed within the project area that may be disturbed include the following:

- Stucco

Suspect lead-containing materials observed in the project area that may be disturbed include the following:

- Cream paint on exterior surfaces

## Survey Methods

### Document Review

No previous documentation was reviewed prior to the inspection. The extent of the planned modernization was provided via project drawings from Danny Anderson from Facilities, Management, & Planning for Fresno Unified School District.

### Visual Inspection

Accessible building materials were visually inspected using the methods presented in the Federal AHERA regulations (40 CFR, Part 763). AHERA inspection methodology is required to be used for inspections of K-12 schools and is generally accepted as the industry standard for all ACM inspections regardless of structure or facility type. Suspect ACMs were also physically assessed for friability, condition and possible disturbance factors.

All areas were accessible during this inspection.

### Asbestos Inspection

#### Bulk Sample Collection

Bulk samples of identified homogeneous materials were collected in building areas that may be impacted by the planned renovation/demolition activities. Samples were collected of each separate homogeneous area. A homogeneous area is defined as a surfacing material, thermal system insulation, or miscellaneous material that is uniform in use, color and texture. Examples of homogeneous areas could include:

- Vinyl floor tiles
- False ceiling panels
- Drywall with joint compound
- Vinyl sheet flooring

The specific number of samples collected was determined by using the methods required by the Federal AHERA regulations (40 CFR, Part 763.86) as noted below:

- 1) For Surfacing Material:
  - 1,000 ft<sup>2</sup> or less - collect 3 samples
  - 1,001 to 5,000 ft<sup>2</sup> - collect 5 samples
  - 5,001 ft<sup>2</sup> or greater - collect 7 samples
- 2) For Thermal System Insulation:
  - "In a randomly distributed manner" - collect 3 samples
  - 6 linear feet of patching or less - collect 1 sample
  - cementitious pipe fittings - "In a manner sufficient to determine"
- 3) For all Miscellaneous Material:
  - Collect samples "In a manner sufficient to determine whether material is ACM (asbestos-containing material) or not ACM..."

The suspect ACMs were sampled using a knife, chisel, scraper, drill or other similar coring device suitable to the type of material sampled to cut through its entire thickness and to ensure that a cross-section of the material was obtained. The material was then placed in an appropriately labeled container

that was sealed and submitted to SGS-Forensic Laboratories for analysis. A unique sample number (e.g. PJ45936-01A) was assigned to each sample.

Bulk samples will be retained by the laboratory for one month unless otherwise instructed. After this period, the samples will be disposed of appropriately.

### Bulk Sample Analysis

A total of two (2) bulk samples were collected from one (1) suspect material. Bulk samples were analyzed by SGS-Forensic Laboratories (SGS-FL) in Hayward, California. SGS-FL is accredited by the California Department of Public Health (CDPH) Environmental Laboratory Accreditation Program (ELAP) and the National Institute of Science and Technology's (NIST) National Voluntary Laboratory Accreditation Program (NVLAP). SGS-FL participates in the National Institute for Occupational Safety and Health (NIOSH) Proficiency Analytical Testing Program and has substantial experience in the analysis of asbestos.

All samples were analyzed using Polarized Light Microscopy with Dispersion Staining (PLM/DS) techniques in accordance with the methodology approved by the U.S. Environmental Protection Agency (EPA). The percentage of asbestos present in the samples was determined on the basis of a visual area estimation. The EPA defines asbestos-containing materials (ACM) as any material containing more than one percent (1%) asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM). 40 CFR Part 763 identifies the lower limit of reliable quantification for asbestos using the PLM method as approximately one percent (1%) by volume. Regulations in California (CAL/OSHA Title 8 CCR 1529) define asbestos-containing construction materials (ACCM) as those materials having asbestos content of greater than one tenth of one percent ( $> 0.1\%$ ); therefore, for the purpose of this survey, any amount of asbestos detected will be considered positive. In addition to the percentages, the types of asbestos minerals are also reported. The PLM method is the standard method used to analyze asbestos bulk samples.

When "None Detected" (ND) appears in the laboratory results, it should be interpreted as meaning asbestos was not observed in the sample material.

### **Lead Inspection**

The client-defined lead inspection was conducted in accordance with the CDPH Lead-Related Construction Program and modeled upon the sampling protocol described in "Chapter 7: Lead Based Paint Inspection" of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (1997 Revision).

Cal/OSHA, in Title 8 California Code of Regulations (CCR) Section 1532.1, Lead in Construction Standard which implements California Labor Code 8716-6717, regulates all construction work where an employee may be occupationally exposed to lead. Paint or materials with any detectable level of lead is considered lead-containing by Cal/OSHA.

### Bulk Sampling Methodology

During this inspection, FACS personnel collected three (3) bulk paint chip samples for laboratory confirmation of lead-content. The sample was scraped from the substrate it had been applied to using a knife or chisel to obtain sufficient material for analysis. The sample was given a unique marker number, identified on a chain of custody, packaged, and sent via FedEx to SGS-FL in Hayward, California for analysis. SGS-FL is accredited by the American Industrial Hygiene Association's Environmental Lead Laboratory Accreditation Program for the analysis of lead in bulk paint chips by flame atomic absorption.

## Findings and Recommendations

Forensic Analytical Consulting Services, Inc. (FACS) was retained by Fresno Unified School District (FUSD) to perform a limited asbestos and lead paint survey for the HVAC addition project at Classrooms 21 and 24 A & B of Eaton Elementary School, located at 1451 East Sierra Avenue in Fresno, California.

### Asbestos

The stucco material to be disturbed as part of this project does not contain asbestos by laboratory analysis. It may be disturbed by any personnel without regard to asbestos work practices.

Any suspect materials not included in this inspection must be assumed to be asbestos-containing materials until tested and proven to be asbestos-free.

### Lead

Laboratory results indicate that the following paints or coatings may be handled as “lead-free” by any personnel as they did not contain lead above the laboratory’s reporting limit:

- Cream paint on metal cooler unit – Classroom 24 A & B
- Cream paint on wood overhang – Classroom 24 A & B
- Cream paint on metal cooler unit – Classroom 21

If any other suspect paints or coatings will be disturbed during this project, they must be assumed to be lead-containing until tested and proven to be lead-free.

FACS recommends that the results of this report be incorporated into any renovation plans provided for this project for informational purposes.

## Limitations

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.

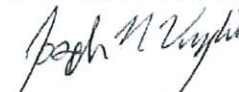
Please do not hesitate to contact our office at (559) 436-0277 with any questions or concerns. Thank you for the opportunity to assist Fresno Unified School District with promoting worker safety and a healthy environment.

Respectfully,  
FORENSIC ANALYTICAL



Chris Chipponeri  
Local Director, Central Valley Offices  
Cal/OSHA CAC #10-4633  
CDPH I/A #LRC-00000782

Reviewed by:  
FORENSIC ANALYTICAL



Joseph M. Vuglia  
Project Manager, FMS  
Cal/OSHA CAC #13-5005  
CDPH I/A #LRC-00000632

## Appendix A

### Asbestos Survey Summary Table, Sample Chain of Custody and Laboratory Results Report



Asbestos Survey Summary (Lab Report # B301573) FUSD – Eaton Elementary School – HVAC Addition Project Survey Date: March 10, 2020						
Sample Numbers	Material Description	Location(s) of Material	Material Number	Asbestos Content (percent)	Asbestos NESHAP Category	Approximate Quantity
01A	Stucco	Classroom 24 A & B	01	Layer: White Cementitious Material: None Detect Layer: Paint: None Detect	N/A	N/A
02A	Stucco	Classroom 21	02	Layer: White Cementitious Material: None Detect Layer: Paint: None Detect	N/A	N/A
End of Summary						



[illegible]



## 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: 101459-0

FACS - Fresno  
Eric Farnsworth  
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09  
Report Number: B301573  
Date Received: 03/11/20  
Date Analyzed: 03/14/20  
Date Printed: 03/16/20  
First Reported: 03/16/20

Job ID/Site: PJ45936; Eaton ES Fresno Unified School District 1451 E Sierra Ave. Fresno CA 93622

Date(s) Collected: 03/10/2020

SGSFL Job ID: FR09  
Total Samples Submitted: 2  
Total Samples Analyzed: 2

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
<b>PJ45936-01A</b>	12283177						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							
<b>PJ45936-02A</b>	12283178						
Layer: White Cementitious Material			ND				
Layer: Paint			ND				
Total Composite Values of Fibrous Components:		Asbestos (ND)					
Cellulose (Trace)							

Tad Thrower, Laboratory Supervisor, Hayward 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.

## Appendix B

### Lead Results Summary, Sample Chain of Custody, Laboratory Results Report, and CDPH 8552 Form

Lead Results Summary (Lab Report #M223645) FUSD – Eaton Elementary School – HVAC Addition Project Survey Date: March 10, 2020					
Sample Number	Component Location	Component	Color	Substrate	Analytical Results (percent lead by weight)
01Pb	Classroom 24 A & B	Cooler	Cream	Metal	<0.007
02Pb	Classroom 24 A & B	Overhang	Cream	Wood	<0.006
03Pb	Classroom 21	Cooler	Cream	Metal	<0.007



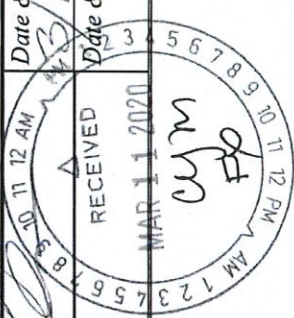
# PAINT CHIP SAMPLE REQUEST FORM

Page 1 of 1

<b>Client:</b> FR09 FACS Fresno Fresno Unified School District	<b>Sampled by:</b> Jeff Olsen      PM: Chris Chipponeri      Date: 03/10/2020
<b>Contact:</b> Chris Chipponeri      Phone: (559) 436-0277	<b>Special Instructions:</b> E-mail results to E-mail results to chipponeri@forensicanalytical.com and dpyle@forensicanalytical.com jolsen@forensicanalytical.com jeremy.noyola@forensicanalytical.com
<b>Site:</b> Eaton ES Fresno Unified School District	<b>Turnaround Time:</b> 1-Day <input type="checkbox"/> 2-Day <input type="checkbox"/> 3-Day <input checked="" type="checkbox"/> 5-Day <input type="checkbox"/> Other <input type="checkbox"/> Due Date and Time:
<b>Client No.:</b> C23033	<b>Analysis:</b> <input checked="" type="checkbox"/> Flame AA (Pb) / <input type="checkbox"/> Other:

Sample Number	Sample Location	Component	Color	Substrate	Condition
PJ45936-01Pb	Eaton ES: Eastside center of room 24 B	Paint on cooler	Cream	Metal	
PJ45936-02Pb	Eaton ES: Southside west end of room 24 A	Paint on overhang	Cream	Wood	
PJ45936-03Pb	Eaton ES: Eastside center of room 21	Paint on cooler	Cream	Metal	

<b>Shipped via:</b> <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> Airborne <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	Substrate: wood metal concrete plaster drywall brick
<b>Relinquished by:</b> [Signature]	<b>Date &amp; Time:</b> 03/10/2020
<b>Relinquished by:</b> [Signature]	<b>Date &amp; Time:</b> 03/10/2020
	Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No
	Condition Acceptable <input type="checkbox"/> Yes <input type="checkbox"/> No





## Metals Analysis of Paints

(AIHA-LAP, LLC Accreditation, Lab ID #101762)

FACS - Fresno  
Eric Farnsworth  
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: FR09  
Report Number: M223645  
Date Received: 03/11/20  
Date Analyzed: 03/16/20  
Date Printed: 03/16/20  
First Reported: 03/16/20

Job ID / Site: PJ45936; Eaton ES Fresno Unified School District 1451 E Sierra Ave. Fresno CA 93622

SGSFL Job ID: FR09

Date(s) Collected: 3/10/2020

Total Samples Submitted: 3

Total Samples Analyzed: 3

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PJ45936-01PB	30867609	Pb	< 0.007	wt%	0.007	EPA 3050B/7000B
PJ45936-02PB	30867610	Pb	< 0.006	wt%	0.006	EPA 3050B/7000B
PJ45936-03PB	30867611	Pb	< 0.007	wt%	0.007	EPA 3050B/7000B

\* The Reporting Limit represents the lowest amount of analyte that the laboratory can confidently detect in the sample, and is not a regulatory level. The Units for the Reporting Limit are the same as the Units for the Final Results.

Daniele Siu, Laboratory Supervisor, Hayward Laboratory

Analytical results and reports are generated by SGS Forensic Laboratories 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 SGS Forensic Laboratories 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 SGS Forensic Laboratories. The client is solely responsible for the use and interpretation of test results and reports requested from SGS Forensic Laboratories. SGS Forensic Laboratories 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. Any modifications that have been made to referenced test methods are documented in SGS Forensic Laboratories' Standard Operating Procedures Manual. Sample results have not been blank corrected. Quality control and sample receipt condition were acceptable unless otherwise noted.


**LEAD HAZARD EVALUATION REPORT****Section 1 — Date of Lead Hazard Evaluation** 03/10/2020**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**☒ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) \_\_\_\_\_**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)] 1451 E. Sierra Avenue - Eaton ES		City Fresno	County CA	Zip Code 93710
Construction date (year) of structure unknown	Type of structure <input type="checkbox"/> Multi-unit building <input checked="" type="checkbox"/> School or daycare <input type="checkbox"/> Single family dwelling <input type="checkbox"/> Other _____		Children living in structure? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Don't Know	

**Section 4 — Owner of Structure (if business/agency, list contact person)**

Name Fresno Unified School District/William Anderson		Telephone number (559) 647-9923		
Address [number, street, apartment (if applicable)] 4600 N Brawley Ave.		City Fresno	State CA	Zip Code 93722

**Section 5 — Results of Lead Hazard Evaluation (check all that apply)**☒ No lead-based paint detected ☐ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected  
☒ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other \_\_\_\_\_**Section 6 — Individual Conducting Lead Hazard Evaluation**

Name Chris Chipponeri		Telephone number (209) 551-2000		
Address [number, street, apartment (if applicable)] 207 McHenry Avenue		City Modesto	State CA	Zip Code 95354
CDPH certification number I/A #LRC-00000782	Signature 			Date 03/19/2020

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Jeff Olsen ST #LRC-00001196

**Section 7 — Attachments**

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health  
Childhood Lead Poisoning Prevention Branch Reports  
850 Marina Bay Parkway, Building P, Third Floor  
Richmond, CA 94804-6403  
Fax: (510) 620-5656

## Appendix C

### Sample Location Drawings



Sierra Ave

Sawcut (E) sidewalk and patch to match (E) @ 3 locations. Provide and install #4 re-bar @ 12" OC both ways. Drill 6"x 5/8" holes into (E) slab, fill w/Simpson set epoxy for all concrete slab patching.

Turf  
02A  
3 #10 cu, 1 #12 cu  
gnd in (N) 3/4" c.

(E) 400A, 3ph panel.  
Provide 2 (N) 30A  
breakers

Turf

### Drawing Notes

1. Install w/g conduit per spec. sect. 16050, 3.01; B
2. Provide NEMA 3R, AC disconnect switch, for each remote compressor/condenser.

Relocatable CR 21

Relocatable CR

Relocatable CR

03pb

01A

Turf  
5' x 3' x 4" concrete slab, w/#4 rebar  
12" o.c both ways. Provide compaction  
of (E) soil. Typ. of 2

Turf

Relocatable CR  
24A & B

01pb  
Relocatable CR

02pb



Eaton Elementary  
HVAC Addition

Date

1/23/20

Scale

None

Sheet

S-1

## Appendix D

### Certifications of Personnel and Laboratories



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](mailto:acru@dir.ca.gov)



101232873T

216

Forensic Analytical Consultant Services, Inc.  
Jeffrey A Olsen  
371 E Bullard Avenue, 109  
Fresno CA 93710

December 18, 2019

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



# *HMS Training*

*a division of Forensic Analytical Consulting Services*

*This is to confirm that*

**Jeff Olsen**

*Has attended the four-hour*

**AHERA Refresher Course for Asbestos Inspectors**

*And has completed the requisite training and passed the exam for  
asbestos accreditation under TSCA Title II*

**August 29, 2019**

Certificate Number: HMSBIR625

Valid Until: August 29, 2020

Cal/OSHA Approval Number: CA-025-06



*Michael C. Sharp*

Michael C. Sharp - Training Director  
HMS/Forensic Analytical Consulting Services  
207 McHenry Ave. Modesto, CA 95354  
(800) 677-1483



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



## LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



**Jeffrey Olsen**

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00001196

EXPIRATION DATE:

7/21/2020

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

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 (916) 483-0572 Fax  
<http://www.dir.ca.gov/dosh/asbestos.html> [acru@dir.ca.gov](mailto:acru@dir.ca.gov)



005174633C

339

Hazard Management Services, Inc.  
Christopher J Chipponeri  
207 McHenry Ave.  
Modesto CA 95354

June 14, 2019

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 with any changes in your contact/mailling information within 15 days of the change.

Sincerely,

Jeff Ferrell  
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal - Card Attached (Revised 01/10/2019)

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

Christopher J Chipponeri

Name

Certification No. 104633

Expires on 06/16/20

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.



# *HMS Training*

*a division of Forensic Analytical Consulting Services*

*This is to confirm that*

**Chris Chipponeri**

*Has attended the four-hour*

**AHERA Refresher Course for Asbestos Inspectors**

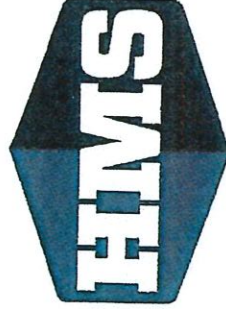
*And has completed the requisite training and passed the exam for  
asbestos accreditation under TSCA Title II*

**September 10, 2019**

Certificate Number: HMSBIR648

Valid Until: September 10, 2020

Cal/OSHA Approval Number: CA-025-06



*Michael C. Sharp*

Michael C. Sharp - Training Director  
HMS/Forensic Analytical Consulting Services  
207 McHenry Ave. Modesto, CA 95354  
(800) 677-1483



STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC HEALTH



## LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Chris Chipponeri

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

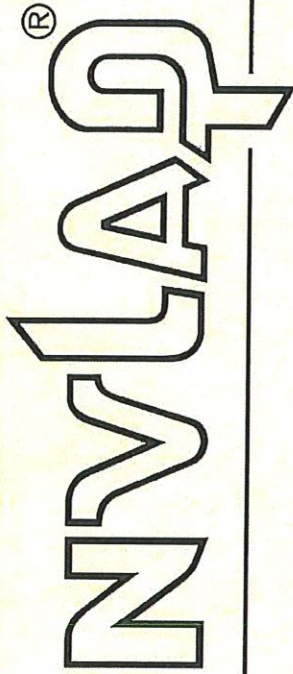
LRC-00000782

EXPIRATION DATE:

6/20/2020

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](http://www.cdph.ca.gov/programs/clppb) or calling (800) 597-LEAD.

United States Department of Commerce  
National Institute of Standards and Technology



---

**Certificate of Accreditation to ISO/IEC 17025:2017**

---

NVLAP LAB CODE: 101459-0

**SGS Forensic Laboratories**  
Hayward, 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 Communiqué dated January 2009).

2019-07-01 through 2020-06-30

Effective Dates

A handwritten signature in black ink, appearing to read "Peter S. Lander".

---

For the National Voluntary Laboratory Accreditation Program

**SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017**

**SGS Forensic Laboratories**

3777 Depot Road, Suite 409

Hayward, CA 94545-2761

Mr. Steven Takahashi

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

Email: [stakahashi@falaboratories.com](mailto:stakahashi@falaboratories.com)

<http://www.falaboratories.com>

**ASBESTOS FIBER ANALYSIS**

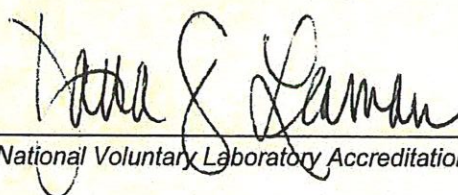
**NVLAP LAB CODE 101459-0**

**Bulk Asbestos Analysis**

<u>Code</u>	<u>Description</u>
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

**Airborne Asbestos Analysis**

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### SGS Forensic Laboratories

3777 Depot Road, Suite 409, Hayward, CA 94545

Laboratory ID: 101762

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### LABORATORY ACCREDITATION PROGRAMS

- |                               |  |
|-------------------------------|--|
| ✓ INDUSTRIAL HYGIENE          | Accreditation Expires: December 01, 2020 |
| ✓ ENVIRONMENTAL LEAD          | Accreditation Expires: December 01, 2020 |
| ✓ ENVIRONMENTAL MICROBIOLOGY  | Accreditation Expires: December 01, 2020 |
| <input type="checkbox"/> FOOD | Accreditation Expires:                   |
| ✓ UNIQUE SCOPES               | Accreditation Expires: December 01, 2020 |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website ([www.aihaaccreditedlabs.org](http://www.aihaaccreditedlabs.org)) for the most current Scope.

*Elizabeth Bair*

Elizabeth Bair  
Chairperson, Analytical Accreditation Board

Revision 17 – 09/11/2018

*Cheryl O. Morton*

Cheryl O. Morton  
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 08/02/2019

**Right People  
Right Perspective  
Right Now**

[www.forensicanalytical.com](http://www.forensicanalytical.com)