

March 6, 2025

Mr. Tim Sutton, Director II
Operations & Support Services
San Joaquin County Office of Education
2922 Transworld Drive
Stockton, CA 95206

Dear Mr. Sutton:

This letter reports on the completion of an abatement project that took place at 201 North California Street in Stockton, California. The project involved the removal of asbestos-containing thermal system insulation, drywall, and lead-containing plaster. All work was performed by California-licensed asbestos abatement contractor PARC Environmental, Inc. and environmental remediation was overseen by Forensic Analytical Consulting Services, Inc. (FACS) personnel during the project.

The abatement phase of the project commenced on February 5, 2025, and completed on February 18, 2025. Prior to the abatement activities beginning, FACS personnel performed a pre-start visual inspection of the containment areas to verify asbestos fibers released would not migrate out of the work area barriers were in place to protect surfaces to remain and the engineering controls were installed and operating properly. Upon completion of abatement in the containment area, a final visual clearance inspection was conducted to ensure all designated materials had been removed and that the work area was clean of all dust and debris. The day following the visual inspection, aggressive clearance air samples were collected in the containment area and analyzed by transmission electron microscopy by Micro Analytical Laboratories, Inc. in Emeryville, California. Results showed that the regulated area met EPA standards for re-occupancy after an asbestos abatement project.

With this letter and attachment documentation, FACS has completed its obligation for this project under its purchase order. If you have any questions or concerns, please do not hesitate to call us at (209) 551-2000 or e-mail me at tyler.faison@facs.com.

Sincerely,



Tyler Faison
Assistant Director, Central Valley
Cal/OSHA CAC 22-6824
CDPH Lead I/A LRC-00002454

FACS, Inc.

Section One Specifications

Items marked with a check mark in the ***Supplied*** column are provided in this section.

Items marked ***Not Applicable*** were not applicable on this project and are not provided.

Items marked ***Owner May Supply*** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked ***Contractor Failed to Provide*** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
1A. Scope of Work & General Requirements	X			
1B. Addenda		X		
1C. Change Orders		X		
1D. Maps/Blueprints		X		

SECTION 1 – SPECIFICATIONS

**1A. Scope of Work and
General Requirements**

**San Joaquin County Office of Education
201 North California Street
Hazardous Building Materials Specifications**

Site Address

201 North California Street
Stockton, CA 95202

Contacts

San Joaquin County Office of Education – Tim Sutton – (209) 468-9073
Forensic Analytical Consulting Services, Inc. – Tyler Faison – (209) 484-3462

Scope of Work

Materials listed below were identified to be in the areas included within the modernization area. Contractor(s) is responsible for reviewing survey reports and project drawings to determine their scope of work. The information provided below is to relay ACM materials, location, NESHAP category for notification purposes and approximate quantity for known abatement work. Contractor is responsible for their own final measurements for submittal of bid.

Material	Asbestos Content	NESHAP Category	Location	Approximate Amount
6" OD TSI (Aircell)	75% chrysotile	RACM	Basement / Third Floor	120 ln ft
8" OD TSI (Aircell)	75% chrysotile	RACM	Basement / Third Floor	200 ln ft
TSI Elbows – 6"	30% chrysotile	RACM	Basement / Third Floor	12 ea.
TSI Elbows – 8"	30% chrysotile	RACM	Basement / Third Floor	22 ea.
Drywall – Tape and Joint Compound	2% Chrysotile	RACM	Basement	2,160 sq ft

Numerous paints and coatings within the project area will be required to be handled using lead-safe work practices as they are coated with lead-containing paint. Any contractors disturbing paints and coatings must do so using lead-safe work practices within a contained area. Workers disturbing paints must have training sufficient for the method of disturbance in accordance with current Cal/OSHA requirements. It should be noted that Cal/OSHA lead standard is being revised on January 1, 2025 and if project is to take place after this date, contractor shall bid accordingly to meet regulatory updates.

Please refer to the FACS Hazardous Building Materials Survey report for additional details of paints and coatings found to contain lead, testing results from the survey, and additional regulatory compliance information. Contractors are responsible for reviewing project drawings to determine the extent of lead work activities that may be required to complete their scope of work.

Project Requirements

For this project, contractor shall minimize the number of containment areas to the greatest extent possible to limit the costs for AHERA-required clearance air monitoring at the conclusion of abatement.

Contractor performing abatement must be registered with the Division of Occupational Safety and Health (DOSH) as an asbestos abatement contractor. Contractor must hold the C-22 asbestos abatement license.

SUBMITTAL REQUIREMENTS

A copy of the contractor's prestart submittal shall be provided either before contractor mobilizes to the site to the FACS Project Manager or when arriving onsite to start work to the FACS onsite project monitor. Pre-start submittal shall include the items listed in the attached Asbestos General Requirements at Sections 2.2, 2.31a, 2.31b, and 2.31c. Delays in providing the required submittals may affect the start of the project.

At the start of each workday, the contractor shall be responsible for submitting a paper copy of the previous day's paperwork (worker roster, regulated area sign-in/sign-out sheets, daily log) to FACS onsite project monitor.

Notifications

Contractor will be responsible for filing notification to the San Joaquin Valley Air Pollution Control District for the abatement of asbestos-containing materials on the project. Since more than 160 square feet or 260 linear feet of a regulated asbestos-containing material (RACM) will be generated, contractor is responsible for filing the notification at least 10 working days prior to commencing asbestos abatement that generates the regulated asbestos-containing material and is responsible for payment of any fee associated with this notification.

Contractor shall submit a temporary worksite "report of use" notification to the Cal/OSHA office at least 24 hours prior to commencing work on site.

Copies of the notifications shall be provided to FACS onsite project monitor at the start of the project and as part of the pre-start submittal package. No work may take place until these notifications are provided and copies are posted onsite.

Contractor is responsible for revising notifications as necessary for any changes in schedule of work or discovery of new ACMs during the renovation. Copies of the revised notifications shall be provided to FACS onsite project monitor prior to work included in the notifications commences.

Work Days and Hours

An exact schedule for this project has not been set but it is anticipated that workdays will be Monday – Friday and work hours will be 7 am to 3:30 pm. Alternative days or hours may be worked if contractor's request is approved by Owner, General Contractor and FACS. The request for additional time must be submitted at least 24 hours prior to the work shift commencing.

Worker Training

All workers to be used on the project must have AHERA Worker training with one worker trained to the AHERA Contractor-Supervisor level. The primary Contractor-Supervisor may not leave the site during active asbestos abatement activities.

Copies of worker certifications shall be provided to the FACS on site project monitor prior to work commencing and as part of the pre-start submittal package as available.

For lead work activities, workers disturbing lead paints must have lead training sufficient for the work task being performed based on the current Cal/OSHA requirements. At minimum, workers disturbing lead-containing paints would need lead awareness training and may raise to lead action level training based on task being performed and expected exposure.

Personal Protection Equipment

All personnel entering the regulated asbestos work area shall wear full-face tight-fitting, negative-pressure powered air purifying respirators fitted with HEPA (P-100) filters. Disposable coveralls with attached hood and booties, gloves, and hard hats shall be worn in addition to respiratory protection.

All PPE to be re-used and not disposed of when exiting the regulated area shall be decontaminated as part of the exit procedures. Placing contaminated PPE in a bag to be moved to another job site is not allowed.

All personnel wearing respiratory protection shall have a valid asbestos medical with respirator approval and a valid fit test for the respirator being worn. Copies of medical approval and respirator fit test shall be provided to the onsite FACS project monitor prior to donning of personal protection equipment.

Contractor may opt for additional personal protection equipment based on own job hazard analysis but it may not be any less than specified above.

Contractor(s) performing any demolition disturbing lead-containing paints is responsible for determining the personal protection equipment to be worn by their workers based on their own assessment of expected exposures and best practice to protect employees in compliance with the current Cal/OSHA requirements.

Equipment

Contractor shall provide all necessary equipment and supplies required to meet the requirements of this specification and complete their scope of work in the allotted schedule. All equipment that arrives onsite shall be clean of all dust and debris and in proper functioning order. This means that HEPA-vacuums have empty bags, negative air machines are sealed and have clean pre-filters without dust contamination, etc. Ladders must not be missing feet, cords must have grounds and intact insulation/jacketing, etc.

Any equipment that arrives onsite dirty or not in proper functioning order shall be removed at no additional cost to Owner or Owner's representatives. No additional time will be provided for delays due to the failure of contractor to provide necessary equipment and supplies when they are needed for the project.

HVAC, Water, and Electricity

The Abatement Contractor shall coordinate the project schedule with the General Contractor prior to arrival onsite to ensure HVAC systems servicing the work area have been shut down and locked-out / tagged-out. The General Contractor and Abatement Contractor will be responsible for lock-out / tag-out

of HVAC systems and shall coordinate with the District for this project unless modified by other contractual documents.

Contractor shall install ground fault circuit interrupters at all primary connections of electrical trains for equipment. Hose washers shall be installed at all hose connections to prevent water leakage. Contractor is responsible for the costs of any repairs necessary due to use of the District's systems.

Safety / Security

The contractor is responsible for the safety of all employees and following all applicable regulations, namely Cal/OSHA. A tailgate safety meeting shall be held on the first day of the project by the crew supervisor to discuss all safety hazards on the project. A sheet signed by all attendees and the presenter with the topics discussed shall be provided to the FACS onsite project monitor.

Safety meetings shall be held at least weekly or in the event that job hazards change on the project or if an accident occurs on the project.

Contractor is responsible for the security of their equipment onsite and work area. This includes securing any openings used at exteriors for the exhaust of negative air machines. The openings used shall be secured with at least ½" plywood and tamper-proof bolts. Contractor may stage supplies and equipment in the building, but no waste may be stored within a building beyond the work shift. Owner is not responsible for any vandalism that leads to theft of supplies, equipment, or damage of Contractor materials/equipment.

Occupancy

The contractor will have sole access to the work area. Other trades may be occupying other areas of the building or working in adjacent areas at times.

Disposition and Storage of Items

The Owner will be responsible for the movement and replacement of all loose furniture and items within the work area. If contractor removes any items for their convenience, they are responsible for the secure storage of item and reinstallation when completed with work. Contractor is responsible for any damage to those items they remove for their convenience.

Personal Air Monitoring

The contractor is responsible for the collection of personal air samples during the abatement of asbestos-containing materials in accordance with Cal/OSHA requirements. Contractor shall submit the samples to an AIHA-accredited laboratory daily on a 48-hour turnaround time. Copies of the laboratory results, along with chain-of-custody, shall be provided to the FACS on site project monitor within 72 hours of collection.

Air Pressure Differential

All negative pressure enclosures shall be placed under an air pressure differential of at least -0.030" WC. This air pressure differential shall be established prior to work commencing and must be maintained through all phases of the project until clearance air sample results are received.

The air pressure differential shall be monitored on a recording manometer. Copies of the manometer reading shall be provided to the FACS onsite project monitor daily on 8.5" X 11" pieces of paper.

All negative air machines used to generate air pressure differential shall be exhausted to the exterior of the building using wire-reinforced flex ducting. Contractor is responsible for securing openings used for the negative air machines exhaust.

Decontamination System

Negative pressure enclosures shall have an attached three-stage decontamination system. This system shall be comprised of a "clean" chamber, functioning shower system, and "dirty" chamber. Each chamber shall be at least 3'x3'x7' and a curb of at least 4" shall exist between each chamber, including entry into containment area, to prevent the transfer of debris through the chambers. A self-sealing "z-flap" or similar shall be installed between each chamber and must completely seal in the event of power loss in the work area.

The shower system shall have both hot and cold water that is controllable with a shower head that provides sufficient water pressure to allow personnel to shower out of the containment area. The captured water from showers shall be filtered down to 5 microns prior to discharge into a storm drain. The contractor shall provide soap, shampoo, and towels for workers to use for showering. The decontamination system shall be kept clean at all times.

Water or other liquids may not be consumed in any part of the decontamination system. Workers that need to hydrate will need to shower and exit the decontamination system to access and drink fluids.

Challenge Testing

All HEPA-filtered equipment to be used on the project shall be challenge tested within the 30 days prior to use onsite. Testing shall be performed by a contractor independent of FACS and the abatement contractor.

Results of the challenge testing shall be provided to the FACS onsite project monitor. Any units that fail to pass challenge testing, or does not meet the requirements above, shall be set aside and removed from the site at the conclusion of the day's shift.

Pre-Cleaning

No pre-cleaning of asbestos-containing material dust and debris is required for this project. Limited debris may need to be cleaned to allow sufficient adherence of containment barriers to surfaces.

Containment and Abatement Requirements

All poly shall be 6-mil in thickness and flame retardant unless modified below.

Thermal System Insulation Abatement

1. The abatement of thermal system insulation (TSI) shall be completed within a negative pressure enclosure.

2. TSI may be abated using either a glovebag system or by open abatement, based on condition of material and access/location of insulation.
3. Any work involving glovebags must be performed by a minimum of two workers to comply with regulatory standards and manufacturer guidelines.
4. Critical barriers shall be erected to isolate abatement work area from adjacent non-abatement areas. Barriers shall be sealed with one layer of 6-mil poly and examples of openings include, but are not limited to, doors, HVAC registers, windows, etc.
5. One layer of 6-mil poly shall be placed over walls of the containment area and installed as needed to isolate the abatement from a larger space.
6. Two layers of poly shall be installed over floor surfaces. The top layer of poly may be removed as part of detail cleaning operations after gross removal and cleanup.
7. Floor poly shall cove up the walls at least 6" to ensure debris does not get caught in seam between wall and floor poly.
8. Poly shall be overlapped at least 6" to ensure no material falls out of the containment area during abatement.
9. Poly shall be secured to prevent slippage or movement and creation of a trip.
10. A three-stage decontamination chamber system shall be attached to each negative pressure enclosure. The requirements for the decontamination system are detailed above.
11. Viewports of sufficient size shall be installed into poly critical barrier walls as directed by FACS and as available to access. Contractor shall arrive prepared to install at least eight viewports, each measuring at least 12" x 12" in size.
12. A Hudson sprayer with amended water and HEPA-vacuum shall be within the containment area prior to approval of work commencing if using glovebags. The Hudson sprayer shall be installed in the glovebag prior to work commencing to allow materials to be wetted.
13. If performing open abatement, an airless sprayer with amended water shall be placed inside the containment area, along with the HEPA-vacuum.
14. All barriers that may allow access into a regulated area shall have signs installed at clearly visible locations to prevent tampering or breaching of containment areas. These barriers may be at doorways, barrier tape, or similar locations.
15. Asbestos danger signs shall be posted once the containment area has been approved, but before any abatement begins.
16. For areas that will involve open abatement, TSI must be removed as intact as possible and placed into a waste container immediately. Material shall not be cut and allowed to free fall to ground area.
17. All material shall be wetted prior to, and constantly during, removal to help limit the release of asbestos fibers.
18. At areas that piping is to be removed in its entirety, contractor may glovebag and remove TSI at selected locations and cut the pipe with the remaining TSI in place (wrap and cut method). These areas of removal shall be at least 1' in width to ensure material is not disturbed during cutting and remaining ends shall be sealed with encapsulating wrap prior to cutting starting.
19. Remaining section of pipe insulation at wrap and cut areas shall be sealed in an airtight fashion with two layers of 6-mil poly. If remaining ends will remain in place past conclusion of project these ends must be fully enclosed with non-asbestos pipe insulation encapsulating wrap.
20. Glovebags may not be used on surfaces where temperatures exceed 150 degrees Fahrenheit.
21. Glovebags may be used only once and may not be moved or slid for removal of a second section of TSI.
22. The Contractor shall apply a sufficient volume of amended water to wet all pipewrap removed from the pipes while it is enclosed in the glovebag.
23. All pipe material shall be removed from the piping to remain in place. This includes material that has become embedded into any pipe threading, elbows, etc. Contractor shall be prepared with

- wire brushes to clean surfaces of all material down to bare metal in the glovebag.
24. Prior to placement in the disposal bag, glovebags shall be collapsed by removing air within them using a HEPA-vacuum.
 25. Upon detachment, the glovebag must be immediately placed into a 6-mil thick disposal bag. The disposal bags must be sealed using the "gooseneck" sealing technique. Waste bags shall be properly labeled as a regulated asbestos containing waste.
 26. The Contractor shall be responsible for ensuring the piping system remains adequately supported at all times. This may be achieved by readjusting existing hanger brackets as insulation is removed, or by other approved methods, such as inserting wood blocks to replace the thickness of the removed insulation.
 27. All waste, non-essential supplies, and equipment shall be removed from the containment area prior to a final visual inspection. To pass a final visual inspection, all pipe material, including debris that may be embedded into pipe threads, shall be removed and the work area must be clean of all dust and debris.
 28. Pipe insulation entering walls, chases, ceilings, etc. shall be abated at least 1" into surface if possible. Remaining ends of TSI at areas of abatement shall be completely sealed with non-asbestos encapsulating wrap to ensure no asbestos debris or fibers will be released during future occupancy and as required by Cal/OSHA and AHERA requirements.

Waste Disposal

Asbestos

Contractor is responsible for providing a waste receptacle on site for the storage of all asbestos-containing materials. Waste bins to remain onsite past a work shift must be covered/enclosed with a hard-top lid and lockable to keep waste secured. The waste bins must arrive onsite clean of debris. Waste bins shall be load-worthy and the contractor is responsible for any costs associated with load loss. Waste bins must remain locked at all times with the exception of active loading of waste.

Contractor shall coordinate the placement of waste bins with the General Contractor and Owner Site personnel as needed. Plywood or similar material shall be installed below the feet / casters of the waste bin to prevent damage to concrete or asphalt surfaces. Hazardous and non-hazardous asbestos-containing waste materials may not be mixed within the same waste bin. Contractor shall provide waste containers as needed to segregate wastes.

The waste bin shall be lined with one layer of 6-mil poly prior to loading of waste. This liner does not count as one layer of packaging for waste. All waste must be double-bagged in 6-mil poly waste bags or "burrito-wrapped" in two separate layers of 6-mil poly. Waste bags shall be sealed in a "gooseneck" fashion and "burrito-wraps" shall have staggered tape seals to create a leak-tight container. All waste shall be wet inside waste bags but may not contain "loose" water. Air within waste bags shall be evacuated using a HEPA-vacuum when sealing.

All waste packages shall be labeled in accordance with Cal/OSHA, DTSC, DOT, etc. requirements as necessary for waste being disposed. All waste must be manifested, even if considered to be non-hazardous. Contractor shall provide at least 24-hour notice of waste manifest needing to be signed to allow coordination with District personnel for signatures. At no time will the contractor or FACS sign waste manifest on behalf of San Joaquin County Office of Education.

Clearance

At the conclusion of abatement, the crew supervisor shall perform own visual inspection of the regulated work area to ensure all materials have been abated and the work area is clean of all dust and debris. Once they pass their own visual inspection, they may request a visual inspection from the FACS onsite project monitor. To pass a final visual inspection, all materials need to be abated, the work area must be dry, and no dust or debris may be present.

Clearance air sampling will be performed in accordance with US EPA AHERA requirements the following business day after passing visual inspection. For this project, five (5) clearance air samples will be collected in an aggressive manner within the work area and analyzed by either transmission electron microscopy by a laboratory independent of FACS and the contractor. To pass clearance air sampling criteria, the average for the sample set collected must be below 71 structures per square millimeter (S/mm^2) for transmission electron microscopy.

Once the contractor is notified that clearance air sampling results have been received, they will dispatch a crew to the work site to either remove containment or re-clean to allow collection of additional clearance air samples no more than 24 hours after notification. The contractor is responsible for all costs associated with the cleaning and collection of additional clearance air samples (both labor to collect, transport, and laboratory analysis fees) beyond the initial clearance set for a containment area until passing clearance air samples are obtained.

Written by: Tyler Faison, FACS, CAC 22-6824, CDPH I/A LRC-00002454
Date: November 18, 2024

Site Photos



Basement TSI



Basement Drywall



Third Floor TSI



Third Floor



Third Floor TSI



Limited TSI Debris – Third Floor



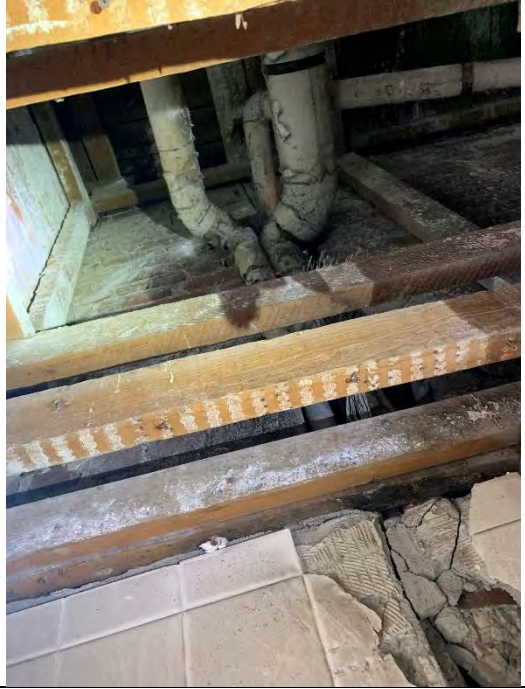
Third Floor TSI



Third Floor TSI



Third Floor TSI



Third Floor TSI

ASBESTOS GENERAL REQUIREMENTS

**Forensic Analytical Consulting Services, Inc.
207 McHenry Avenue
Modesto, CA 95354
209-551-2000
forensicanalytical.com**

January 1, 2019

To whom it may concern,

The enclosed specifications were created by Hazard Management Services, Inc.(HMS, Inc. or HMS). HMS, Inc. is now Forensic Analytical Consulting Services, Inc. (FACS).

This document has not been updated to reflect our new company name. Any references within this document to Hazard Management Services, Inc., HMS, Inc., or HMS should be presumed to now refer to FACS. If there is any ambiguity or if any clarification is needed regarding this issue, please contact me via email or by phone.

Sincerley,



Chris Chipponeri, Local Director
Forensic Analytical Consulting Services, Inc.
207 McHenry Avenue
Modesto, CA 95354
209-551-2000
cchipponeri@forensicanalytical.com

GENERAL ASBESTOS REQUIREMENTS

SECTION 1. DEFINITIONS

Abatement - Procedures beyond a special operations and maintenance program to control fiber release from asbestos-containing materials. Includes removal, encapsulation, enclosure, repair.

ACGIH - American Conference of Governmental Industrial Hygienists

AHERA - Asbestos Hazard Emergency Response Act (40 CFR 763)

AIHA - American Industrial Hygiene Association

Air Filtration Device - A portable exhaust system equipped with HEPA filtration and capable of maintaining a constant low velocity air flow into contaminated areas from adjacent uncontaminated areas. At a minimum, the air intake for the air filtration device, must have a pre-filter on it which can be changed within the containment area.

Airlock - A system for permitting ingress and egress with minimum air movement between a contaminated area and an uncontaminated area. The airlock shall consist of a minimum of two curtained Z-flap doorways separated by a distance of at least three (3) feet such that one passes through one doorway into the airlock, allowing the doorway sheeting to overlap and close off the opening before proceeding through the second doorway, thereby preventing flow-through contamination.

Air Monitoring - The process of measuring the fiber content of a known volume of air collected during a specific period of time. The procedure normally utilized for asbestos follows the NIOSH Standard Analytical Method for Asbestos in Air Method 7400. For clearance air monitoring, transmission electron microscopy methods may be utilized for detection of smaller fibers and specific fiber identification.

Air Sampling Professional - The professional contracted or employed by the Owner to supervise and/or conduct air monitoring and analysis schemes. The air sampling professional must be a Cal/OSHA Certified Asbestos Consultant or Certified Site Surveillance Technician. This individual shall not be affiliated in any way other with the contractor performing the abatement work.

Ambient Air - The air outside buildings and structures or the air as it normally exists in a space prior to abatement.

Amended Water - Water to which a surfactant has been added.

ANSI - American National Standards Institute

Approval/Acceptance - A written means of approving/accepting a product, containment set-up, work practice. Approval/Acceptance by HMS, Inc. Project Manager may be given verbally, if followed in written format. Failure of HMS, Inc. Project Manager to address an issue either verbally or in writing does not imply Approval/Acceptance.

Asbestos - Means the asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite grunerite (amosite), anthophyllite, actinolite, and tremolite.

Asbestos-Containing Construction Material (ACCM) - Cal/OSHA term used to describe construction materials that contain asbestos in amounts greater than one-tenth of one percent (0.1%) either alone or mixed with fibrous or non-fibrous materials. With the exception of waste issues, for the purposes of this contract the terms ACM and ACCM shall be interchangeable.

Asbestos-Containing Material (ACM) - Term used by Cal/OSHA, and U.S. EPA to include any material containing more than one-percent (1%) asbestos. With the exception of waste issues, for the purposes of this contract the terms ACM and ACCM shall be interchangeable.

Asbestos-Containing Hazardous Waste - Materials defined by the State of California to be packaged, labeled, transported, and disposed of as an asbestos hazardous waste. This includes all friable asbestos-containing material over one-percent (1%) asbestos. This also includes all asbestos-containing material containing less than one-percent asbestos for which one or more bulk samples have not been point counted and found to contain less than one-percent (1%) asbestos.

Asbestos-Containing Waste Material - Asbestos-containing material or asbestos-contaminated objects requiring disposal.

Asbestos Project Manager - An individual who is qualified by virtue of experience and education, designated as the Owner's representative and responsible for overseeing the asbestos abatement portion of the project. This person is generally the same as the HMS, Inc. Project Manager.

ASTM - American Society for Testing and Materials

Authorized Visitor - The Owner (and any designated representative) and any representative of a regulatory or other agency having jurisdiction over the project.

Bidder - A duly licensed and accredited asbestos contractor who has submitted a bid. If bid walk is mandatory, bidder must attend the walk in order for bid to be considered responsive.

Cal/OSHA - California Division of Occupational Safety and Health. Acronym of DOSH is interchangeable with this term.

Certified Industrial Hygienist (CIH) - An industrial hygienist certified in Comprehensive Practice by the American Board of Industrial Hygiene.

Cleaning Barriers - Cleaning barriers are used in addition to critical barriers and are primarily to aid in the decontamination of the area after the completion of asbestos removal work. Cleaning barriers are normally comprised of plastic sheeting placed over non-asbestos-containing surfaces (e.g. walls, floors, ceilings, casework, etc.), and asbestos-containing surfaces not scheduled for removal, in the regulated area.

Clean Room - An uncontaminated area or room which is a part of the worker decontamination enclosure system with provisions for storage of workers' street clothes and clean protective equipment. Also, the term includes uncontaminated area or room of a Waste Transfer Airlock.

Competent Person - The Contractor's employee who meets the requirements of and is responsible for the activities of the Competent Person as described in Title 8 CCR 1529. This includes but is not limited to an individual who has current AHERA Contractor/Supervisor accreditation and has the responsibility and authority to ensure that the Contractor's employees comply with the contract documents and all relevant Cal/OSHA regulations.

Containment - The temporary isolation of the work area from the rest of the building to prevent escape of asbestos fibers.

Contract Documents - Written contractual agreements between the Owner and the Contractor that pertain to the work on this project.

Contractor - The Contractor is the person or entity identified as such in the Contract Documents; references to "Contractor" include the Contractor's authorized representative.

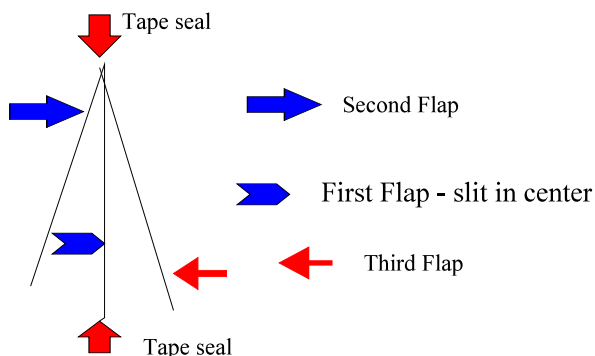
Contractor/Supervisor - A person who successfully completed an initial U.S. EPA and/or state-approved five-day AHERA-accreditation course and who has maintained that training through approved annual refresher training, and possesses current and valid AHERA-accreditation documentation as a AHERA-accredited Contractor/Supervisor

Cal/OSHA Class I, II, III, or IV Work- Work classes described in 8 CCR 1529 that describe different levels of asbestos work.

Critical Barrier - Critical Barriers used to restrict water and air flow. Critical Barriers are the barriers placed over openings in the walls and ceilings of a work area in order to ensure that airborne fibers cannot escape the work area via these openings. The Contractor will construct impermeable barriers at all exits or openings, including doorways, duct chases, mechanical shafts, elevator shafts, floor openings, drains, and the like, so that all possible exit or entrance routes are effectively barricaded and sealed. Unless otherwise specified in the Contract documents, critical barriers shall be constructed of at least one layer of 6-mil thick poly.

Critical Barrier Negative Pressure Test - Required test for negative pressure with only critical barriers and air filtration units installed. This test must be conducted prior to the installation of cleaning barriers, but may be conducted with or without the decontamination unit in place.

Curtained Doorway, Z-Flapped - A device to allow ingress or egress from one room to another while permitting minimal air movement between spaces (such as the various rooms of the decontamination chamber). Each Curtained Doorway will consist of three sheets of poly. The first barrier will be a sheet of poly covering the entire passage and taped to the ceiling, walls, and floor. This sheet will be slit vertically in order for the workers to pass through it. Another sheet of poly will cover the first sheet but be taped only to the ceiling (or top of the first barrier) and down one wall. The third sheet of poly will be placed on the opposite side of the slit poly from the second sheet. The third sheet of poly will be attached in a similar manner as the second sheet except the wall attachment will be to the opposite wall. Each barrier must be weighted at the bottom in order to ensure that it will lay flat against the slit sheet opening should the negative pressure system fail. Please see diagram:



Other designs are permissible, if approved by the HMS, Inc. onsite project manager.

Decontamination Enclosure System - (Also known as Decon or Waste Transfer Decon) A series of connected rooms designed for the decontamination of workers and equipment that is separated from the work area and from each other by z-flapped curtained doorways. This unit shall be constructed with at least two layers of six-mil poly for the floors, walls, and ceiling. The floor of the dirty room shall consist of two layers of six-mil poly plus a third layer of poly, four-mil or thicker, to be used as a removable drop layer. Drop layer is to be removed as needed, but not less than daily. All decontamination enclosure systems used for worker entry and exit shall be equipped with a shower. At no time shall z-flaps of Decontaminations Enclosure System chambers be taped, held or otherwise blocked open.

DOP - Dioctylphthalate particles which are normally used as an agent for testing the efficiency of HEPA filters.

Demolition - The wrecking or taking out of any load-supporting structural member, casework, items or surfaces of a facility together with any related handling operations and disposal.

Dust or Debris - Material visible to the HMS, Inc. Project Manager. Dust and debris may be contaminated with asbestos, and may affect the asbestos work practices, containment or clearance air samples required on this project, whether contaminated with asbestos or not.

Encapsulant, Bridging/Penetrating - A liquid material which can be applied to asbestos-containing

material to control the possible release of asbestos fibers from a material either by creating a membrane over the surface (bridging encapsulant) or by penetrating into the material and binding its components together (penetrating encapsulant).

Encapsulant, Lock-down - A liquid product designed to mist the air within a contained area after the containment has passed visual clearance by the HMS, Inc. Project Manager. Lock-down encapsulant is designed to bind asbestos fibers together and to create a tacky surface causing non-visible asbestos fibers, settling out of the air, to adhere to containment poly.

U.S. EPA - U.S. Environmental Protection Agency

Equipment Decontamination Enclosure System - That portion of a decontamination enclosure system designed for controlled transfer of materials and equipment into or out of the work area, consisting of a clean room, washroom and holding area.

Equipment Room - A contaminated area or room which is part of the worker/equipment decontamination enclosure system with provisions for storage of contaminated clothing and equipment.

Exterior of Containment HEPA Filtered Pressure Differential Unit - An air-purifying unit positioned outside, rather than inside the regulated work area. The face, or filter portion of the unit is integrated within the work area, and the remainder of the unit (housing, wheels, rivets, control panel, etc.) is located outside of the work area. This allows filters on the air intake to be changed from within the regulated area but access to the machine itself is available to those outside the area. Pressure differential units which pass DOP testing across the HEPA filter, but fail at rivets, control panels, wheels, etc. may be used in this fashion as long as the failure point of the unit can remain on the exterior of containment while the face of the unit and filters are inside containment.

Facility - Any institutional, commercial or industrial structure, installation, or building.

Facility Component - Any item (pipe, duct, boiler, tank, reactor, turbine, furnace, etc.) at or in a facility, any portion of a facility or any structural member in or at a facility.

Federal OSHA or **OSHA** - Federal Occupational Safety and Health Administration.

Fixed object - A piece of equipment or furniture in the work area which cannot be removed, or will not be removed by Owner's decision, from the work area.

Friable asbestos - Asbestos-containing material which, when dry, can be crumbled to dust by hand pressure.

Glovebag Technique - A method with limited applications for removing small amounts of friable asbestos-containing materials from ducts, short piping runs, valves, joints, elbows, and other non-planar surfaces. The glovebag assembly is a manufactured or fabricated device consisting of a glovebag (typically constructed of 6 mil transparent polyethylene or polyvinylchloride plastic), two inward projecting long sleeves, an internal tool pouch, and an attached, labeled receptacle for asbestos waste. The glovebag is constructed and installed in such a manner that it surrounds the object or material to be removed and contains all asbestos fibers released during the process. Glovebags must meet the specification requirements for glovebags as listed in 8 CCR 1529. All workers who are permitted to use the glovebag technique must be highly trained, experienced and skilled in this method. All techniques and procedures employed by the contractor shall be approved by the HMS, Inc. Project Manager.

HVAC - Heating, ventilation and air conditioning system.

HEPA Filter - A high efficiency particulate air filter capable of removing particles 0.3 microns in diameter from an air stream with 99.97% efficiency.

HEPA Vacuum - A vacuum system equipped with HEPA filtration.

HMS, Inc. Project Manager - An individual, employed by (or sub contracted to) Hazard Management

Prior experience - Experience required of the contractor on asbestos projects of similar nature and scope to ensure capability of performing the asbestos abatement in a satisfactory manner. Similarities shall be in areas related to material composition, project size, abatement methods required, number of employees and the engineering, work practice and personal protection controls required.

Regulated Area - An area established by a contractor to demarcate areas where the contractor's employees may conduct Class 1, 2, or 3 work as described in 8 CCR 1529 or airborne concentrations of asbestos exceed, or there is a reasonable possibility they may exceed, the permissible exposure limit. Additionally, "regulated area" means any measure used to restrict access to an area where personnel impacting asbestos-containing materials are required to wear respiratory protection and/or protective clothing by the project specifications, or applicable regulations, regardless of airborne asbestos concentration levels.

Regulations - shall include all relevant federal, state, and local regulations including but not limited to:

- a. U.S. Environmental Protection Agency Regulations for Asbestos (Title 40, Code of Federal Regulations, Part 61, Subparts A & B)
- b. Title 8, Chapter 4, Subchapters 1 through 21, California Administrative Code, General Industry Safety orders, Section 5208 "Asbestos" or the applicable sections of the Federal Asbestos Regulations. Cal/OSHA Construction Safety Orders, Section 1529.
- c. "Asbestos Hazard Emergency Response Act", U. S. Environmental Protection Agency, 40 CFR, Part 763. Final Rule and Notice.
- d. Applicable local county Air Pollution Control Districts and Air Quality Management Districts or other local NESHAPs Enforcement.

Removal - The stripping of any asbestos-containing materials from surfaces, substrates or components of a facility. As per various regulations, the ground is considered a substrate.

Regulated Area- An area where asbestos-containing materials are going to be disturbed and may release asbestos fibers into the air and whose entrances have been posted. A regulated area is required for all Class I, II, or III work as described in 8 CCR 1529 or whenever the work may release asbestos in concentrations over the OSHA Permissible Exposure Limit (PEL) or Excursion Limit.

Renovation - Altering in any way one or more facility components.

Scope of Work - Job specific information and specifications used in combination with these Asbestos General

Requirements. If conflicts exist between the Scope of Work and these specifications, the stricter requirement will be enforced unless the conflict is specifically addressed in writing in the Scope of Work for this project.

Shower Room - A room between the clean room and the equipment room in the decontamination enclosure with hot and cold or warm running water controllable at the tap and suitably arranged for complete showering during decontamination. The shower room must be equipped with an overflow pan to contain water splashed, leaked or spilled out of the shower unit.

Staging Area - The secured area outside of containment where clean equipment and supplies are stored. Waste must not be stored within the staging area unless placed within an additional lockable container or area approved by the HMS, Inc. Project Manager.

Strip - To take off friable asbestos materials from any part of a facility.

Structural Member - Any load-supporting member of a facility, such as beams and load-supporting walls or any non-load-supporting member, such as ceilings and non-load supporting walls.

Submittals - Pre, in-progress and post job documents submitted by contractor to Owner's representative as indicated in General Requirements and Bidding Requirements.

Surfactant - A chemical wetting agent added to water to improve penetration.

Temporary Enclosure System - A system by where the regulated work area is isolated from the rest of the building or structure in a manner that prevents the escape of airborne asbestos fibers. Also see "Containment"

TEM - Transmission Electron Microscopy according to AHERA specifications for Level II analysis on all AHERA projects. Non-AHERA projects may employ other levels of TEM analysis.

Visible Emissions - Any emissions, whether containing particulate asbestos material or not, that are visually detectable without the aid of instruments. This does not include condensed uncombined water vapor.

Waste Load-out/Transfer System - A decontamination system utilized for transferring containerized waste from inside to outside of the work area. A series of three connected rooms used for the load-out of asbestos-containing materials that have been properly containerized. The waste loadout chamber system shall normally consist of three connected chambers adjacent to the work area. Each chamber shall be constructed with at least two layers of six-mil thick poly for the floors, walls, and ceiling. The chamber located closest to the work area is known as the dirty chamber, and in addition to the two layers of six-mil thick poly on the floor, shall also have a third layer of poly, four-mil or thicker, to be used as a removable drop layer. The drop layer is to be removed as needed but at least daily. The chamber located closest to the outside the work area is known as the clean chamber. See Section 15 for proper use of waste Load-out/Transfer System.

Wet cleaning - The process of eliminating asbestos contamination and visible dust and debris from building surfaces and objects by using cloths, mops, or other utensils which have been dampened with water and afterwards thoroughly decontaminating them or disposing of them as asbestos contaminated waste.

Work area - Designated rooms, spaces, or areas of the project in which asbestos abatement actions are to be undertaken or which may become contaminated as a result of such abatement actions. A contained work area or temporary enclosure is a work area that is isolated from the rest of the facility by the use of critical barriers and cleaning barriers, a decontamination system, and additional means of signs and barriers to reduce access by unauthorized persons. A contained work area is a work area which has been sealed, polyed, and equipped with a decontamination enclosure system. The work area includes all decontamination chambers, waste transfer system and the abatement area. A non-contained work area is an isolated or controlled-access work area which has not had poly installed nor been equipped with a decontamination enclosure system.

Worker - A person who successfully completed an initial U.S. EPA and/or state-approved four-day AHERA-accreditation course and who has maintained that training through approved annual refresher training, and possesses current and valid AHERA-accreditation documentation as a AHERA-accredited asbestos worker.

SECTION 2. NOTIFICATIONS, SUBMISSIONS, POSTINGS

2.1 Site Investigations

By submitting a bid to the primary contractor, and being listed by the primary contractor as the sub-contractor for asbestos related work, the asbestos abatement contractor acknowledges that they have investigated and satisfied themselves as to:

A) the conditions affecting the work, including but not limited to, physical conditions of the site which may bear upon site access, handling, and storage of tools and materials, access to water, electric, or other utilities, or otherwise affect performance of required activities.

B) the character and quality of all surface and subsurface materials or obstacles to be encountered, in so far as, this information is reasonably ascertainable from an inspection of the site, including exploratory work done by the District or a designated consultant, as well as, information presented in drawings and specifications included with this contract. Any failure by the asbestos abatement contractor to acquaint themselves with available information will not relieve them from the responsibility for estimating properly the difficulty or cost of successfully performing the work. The District is not responsible for any conclusions or interpretations made by the asbestos abatement contractor on the basis of the information made available by the District.

2.2 Notification

Prior to commencement of work the Contractor shall send notices of the work to be completed to the agencies listed below with a copy of each to be provided to the Owner or its representative at the pre-start meeting.

For compliance with 40 CFR part 61.146 of Subpart M, send notice at least ten (10) working days prior to start of work to the all of the following appropriate agencies:

EPA, Region 9 Asbestos Program Enforcement 75 Hawthorne Street San Francisco, CA 94105	Chief Compliance Division California Air Resources Board P.O. Box 2815 Sacramento, CA 95812 (for non-EPA delegated counties)
Local Air Pollution Control District (APCD) or Local Air Quality Management District (AQMD)	

For compliance with 8 CCR 1529 and 8 CCR 5203, send written notice at least one day prior to start of work to:

State of California
Department of Occupational Safety and Health
District Office

These notices shall include, at a minimum, the name and address of the contractor, the name and address of the worksite, the type of work to be done including the percent asbestos content of the material, the methods used to prevent migration of the fibers, personal protective measures, the number of his workers involved, any union representation of the workers and the methods of disposal including the names and EPA numbers of both the certified hauler and the waste disposal site. The notices shall also include start and finish dates. Changes in start and completion dates shall be reported immediately to the proper agency. Use forms provided by agency whenever possible.

2.31a Prestart Submittals - Contractor

- A. Contractor shall provide a copy of the notification for NESHAP compliance along with a receipt of fees paid.
- B. Contractor shall provide a copy of the notification for Cal/OSHA compliance along with the fax confirmation receipt.
- C. Contractor Notification to Local Hospital, Police, and Fire Department
- D. Contractor shall provide a copy of their active CSLB License with Asbestos Certification.
- E. Contractor shall provide a copy of their active Cal/OSHA (DOSH) registration.
- F. The asbestos abatement contractor shall submit a statement, signed by an officer of the company, containing the following information:
 - 1. A record of any citations issued by Federal, State, or Local regulatory agencies within the last 3 years, relating to asbestos abatement activity. Include projects, dates, and resolutions.
 - 2. A list of penalties incurred through non-compliance with asbestos abatement project specifications, including liquidated damages, overruns in scheduled time limitations, and resolutions.
 - 3. Situations in which an asbestos-related contract has been terminated including projects, dates, and reasons for terminations.
 - 4. A list of any asbestos-related legal proceedings/claims in which the Contractor (or employees scheduled to participate in this project) has participated or is currently involved. Include descriptions or role, issue, and resolution to date.
- G. Submit copies of insurance certificates which meet requirements as outlined below:

Contractor shall purchase and maintain insurance that will protect them from claims that may arise out of or result from the activities under this Contract, whether those activities are performed by the asbestos abatement contractor, by any subcontractor, or by anyone directly or indirectly employed by any of them or by anyone for whose acts any of them may be liable.

Contractor shall submit proof of coverage for the asbestos abatement contractor and subcontractors under the Worker's Compensation insurance system of the State of California or other similar benefit acts.

Contractor shall submit a certificate of general liability insurance protecting against liability for bodily injury and property damage arising from the asbestos abatement contractor's activities under this contract.

Such certificate of insurance must contain the following provisions:

- (a) The limit of liability shall not be less than \$1,000,000.00 per occurrence for bodily injury and property damage liability combined.
- (b) The Owner, Owner's Agents, and Hazard Management Services, Inc. (HMS, Inc.) must be named as additional insured, but only in respect to liability arising or resulting from activities under this contract.

- (c) In the event of cancellation of the insurance policy, the Owner and HMS, Inc. shall be given thirty days advance written notice.
 - (d) The insurance certificate must state that the insurance includes liability coverage for asbestos abatement work.
- H. Copy of Contractor's Bonding for Project
- I. Submit proof satisfactory to the Owner that required permits have been acquired applicable to the project being performed and specific to the project site and location. If no city, county, or other permits for parking, waste bin location, or variances for scheduled work hours are required, this should be stated in writing and submitted to the Owner.
- J. Submit Subcontractors information or statement that subcontractors will not be required or used during this project. This statement should also include that if it becomes necessary to use a subcontractor during this project that the subcontractor will not be allowed to perform work until all required documentation has been submitted for review by the Owner or HMS, Inc., and the Contractor receives written approval for use of the subcontractor on this project.
- K. Submit a complete list of all rented equipment, or equipment expected to be rented from an outside contractor for use in "Regulated Areas," "Work Areas," or "Containments," where the equipment may be exposed to elevated levels of airborne asbestos. If no equipment is to be rented a statement should be submitted stating no rental equipment will be used on the project. The statement should also include that, if it becomes necessary to use rented equipment, written statements from each rental company will be provided to the Owner prior to its use, indicating the rental company's acknowledgment that the equipment is provided for and may be used in areas where airborne levels of asbestos may be present.
- L. Submit emergency and non-emergency telephone numbers for the appropriate Police, Hospital, and Fire Departments. This list of numbers shall also include the name, pager or cell phone numbers of the onsite supervisor and his immediate company supervisor.
- M. Submit detailed written directions from the project site to the medical facility to be used in case of an emergency. Also include a map which sufficiently shows the route to be taken from the site to the designated medical facility.
- N. Submit written emergency procedures pertinent to the work to be performed and which can be implemented by site personnel if the need arises.
- O. Submit detailed information on preparation of work area, personal protective equipment, employee experience, training and assigned responsibilities during the project. Also list decontamination procedures for personnel, work area and equipment, abatement methods and procedures, required air monitoring program, procedures for handling and disposing of waste materials and procedures for final decontamination and cleanup.
- P. Submit a detailed work schedule. The schedule shall have, as a minimum, the work area and the day/month for beginning and terminating work in each work area. During progress of work, it shall be the Contractor's responsibility to keep the schedule current and up to date.
- Q. Submit to the Owner shop drawings, on projects where requested in the Scope of Work, for layout and construction of decontamination enclosure systems and barriers for isolation of the work area as detailed in this specification and required by applicable regulations.
- R. Submit Material Safety Data Sheets (MSDS) for any and all applicable materials, supplies, etc. These documents must be legible and completely reveal information required to be communicated to the Contractor's employees, visitors, and Owner Representatives.

- S. Submit manufacturers' certifications that high efficiency particulate air (HEPA) vacuums, pressure differential units and other local exhaust ventilation equipment conform to ANSI Z9.2-79.

Submit manufacturer's documentation pertaining to the capability of waste water filters to filter particles of 1.0 micron in size.
- T. Submit name of laboratory/person to be used for Phase Contrast Microscopy (PCM) analysis and copy of current NVLAP Certificate of Accreditation (if applicable), and most recent NIOSH Proficiency Analytical Testing Program results.
- U. Submit a written statement that OSHA monitoring will be performed for all asbestos-related activities performed during this project. This statement must be on company letterhead, dated, include name of the site or project being worked on, and signed by an authorized agent of the company performing the asbestos-related work.
- V. With the Owner's representative, inspect the premises wherein all abatement and abatement related activities will occur and submit a statement signed by both, agreeing on building and fixture condition prior to the commencement of work.
- W. Submit a copy of the Contractor's Injury and Illness Prevention Program
- X. Submit a copy of written Respiratory Protection Program

2.31b Pre-Start Submittals-Contractor Waste Documentation

- Section 7, C. Submit copy of waste transporters Department of Toxic Substances Control, Hazardous Waste Transporter Registration if hazardous asbestos-containing waste is to be removed during the project. If hazardous asbestos-containing waste will not be generated submit the name, address, and registration information for the waste hauler to be used for transporting the waste.
- Section 7, D. Submit documentation listing the name and site address of the waste facility designated to receive asbestos-containing waste generated during this project. This documentation shall also include the EPA identification number, and a copy of the current permit authorizing the waste facility to accept and dispose of asbestos-containing waste.

2.31c Pre-Start Submittals-Worker Certifications (Section 5, Letter B)

Submit documentation satisfactory to the Owner that the Contractor's employees, including foremen, supervisor, and any other company personnel or agents who may be exposed to airborne asbestos fibers or who may be responsible for any aspects of abatement activities, have received required US EPA AHERA training.

Submit documentation from physician that all employees or agents who may be exposed to airborne asbestos in excess of background levels, action level, or the PEL have been provided with an opportunity to be medically monitored to determine whether they are physically capable of working while wearing the respirator required without suffering adverse health effects. In addition, document that personnel have received medical monitoring as required by Cal/OSHA regulations. The Contractor must be aware of and provide information to the examining physician about unusual conditions in the workplace environment (e.g., high temperatures, humidity, chemical contaminants) that may impact on the employee's ability to perform work activities.

Submit documentation of respirator fit-testing for all Contractor employees and agents who must enter any work area where asbestos-containing materials may or will be impacted. This fit-testing shall be in accordance with qualitative or quantitative procedures as required by OSHA regulations or be quantitative in nature. Documentation pertaining to NIOSH approvals for all respiratory protective devices utilized on site shall also be included.

Submit each of the following and other pre-abatement documents required above, unless exempted in the scope of work or the bidding requirements, prior to the start of abatement. This list is to be used a checklist only and specific requirements are outlined in Sections 2.31a, b, and c of the General Requirements.

2.31a Checklist

- A. _____ Notification to Regional Air Resource Board, Regional EPA, or local APCD/AQMD
- B. _____ Notification to CAL/OSHA (prior to start)
- D. _____ Contractor notification to Local Police, Hospital, Fire Department
- E. _____ State Contractor's license with asbestos certification
- F. _____ Contractor Cal/OSHA Registration
- G. _____ Notification of Prior Environmental Citations/Legal Proceedings/Contract Termination
- H. _____ Insurance Certificate
 - a) General liability
 - b) Asbestos liability certificate
 - c) Automobile Insurance
 - d) Workers' compensation insurance
 - e) Client and HMS, Inc. named as additional insured
- H. _____ Payment or Performance Bonds (if required)
- I. _____ City permits e.g. parking or dumpster (when required)
- J. _____ Names of all Subcontractors, license numbers and copies of general liability insurance with a minimum coverage of \$1,000,000.00. Client & HMS, Inc. named as additional insured.
- K. _____ List of Rental Equipment and acknowledgment from Rental Company
- L. _____ Emergency and non-emergency phone list
- M. _____ Written Directions/Map to nearest Hospital
- N. _____ Written emergency plan
- O. _____ Written Work Plan
- P. _____ Project Schedules
- Q. _____ Contractor Map/Drawings for Containment Setup

- R. _____ Material Safety Data Sheets
- S. _____ Manufacturers' Equipment Specification Sheets
- T. _____ Contractor Laboratory Accreditations
- U. _____ Contractor OSHA Air Monitoring Statement
- V. _____ Pre-Start Site Condition Statement
- W. _____ Contractor Injury and Illness Prevention Program
- X. _____ Contractor Written Respiratory Program

2.31b Checklist

- _____ Name and number of transporters
- _____ Name and EPA number of Waste Sites

2.31c Checklist

- _____ Training records - AHERA (Supervisor and worker)*
- _____ Respiratory fit tests for each employee*
- _____ Medical records for each employee*

Note *No contractor worker will be allowed inside containment prior to verification of AHERA, respirator and medical documentation. This verification must either be onsite or faxed to HMS, Inc.'s office prior to entry.

2.32 Prestart Submittals - Owner

Owner shall provide to the Contractor prior to commencement of work:

- a. Any available pre-abatement air sampling data to Contractor.
- b. List of Owner's employees/agents who will or may require worksite access.
- c. Data on equipment access protection and/or shutdown procedures.

2.4 Submittals During the Work Process

The following documentation shall be submitted to the HMS, Inc. Project Manager:

- A. The contractor shall submit daily- a copy of the worker roster identifying all employees onsite and the hours worked.

- B. The contractor shall submit daily - a copy of a one page summary of job progress. This summary must include a brief description of the work completed at the site(s), number of employees, and any issues that arose. This summary is in addition to the daily documentation required to be submitted by OSHA and AHERA regulations and other HMS, Inc. specifications.
- C. The contractor shall submit daily - copies of work site entry/exit logbooks with information on worker and visitor access.
- D. The contractor shall submit daily - copies of the air-differential manometer readings
- E. The contractor shall submit results of air sampling data collected during the course of the abatement including OSHA compliance air monitoring results. Contractor shall submit sample results within 72 hours of collection of the samples for samples to be considered valid indicators of employee exposures within containment. Lack of valid exposure assessments may, at HMS, Inc. Project Manager's discretion, result in the contractor being required to raise worker personal protection levels.
- F. Submit weekly copy of on-site safety meeting documentation. Each safety meeting must be signed by all employees working on the project for that week.
- G. Proof of DOP or equivalent (Challenge) testing of HEPA-filtered units
- H. Contractor shall submit copies of any Regulatory Agency Inspection/Enforcement Documents
- I. Accident Report Forms
- J. Other Contract Documents as required by Scope of Work
- K. Construction Meeting Minutes

2.41 Submittals During the Work Process-Waste Disposal (Section 7)

- A. The contractor shall submit copies of all transport manifests, Land Ban Certifications, trip tickets, weights and disposal receipts for all asbestos hazardous waste materials.
- B. The contractor shall submit copies of all transport manifests, trip tickets, weights and disposal receipts for all asbestos non-hazardous waste materials.

2.5 Clean-Room Area Postings

Postings may be in a prominent area adjacent to the clean room, but must be visible to workers entering and exiting the containment.

List of persons authorized to enter restricted area. The list shall include, among others, the following names with addresses and phone numbers:

Contractor	Testing Laboratory
Air-sampling Professional	Owner's representatives
Asbestos Project Manager	Any other designated by the Owner
Regulatory Agency Personnel	

A copy of the daily entry/exit log book shall be maintained in the clean room area of the worker decontamination system and provided to the HMS, Inc. Project Manager weekly or as otherwise requested.

Telephone numbers, other than 911, of all emergency response personnel shall be prominently posted in the clean change area and equipment room. The locations of the nearest telephones shall be indicated on a map or diagram.

Written emergency procedures shall be posted in the clean room.

Written entry/exit procedures shall be posted in the clean room and equipment room. (See Section 9)

All of the contractor's personnel and area air sampling results shall be posted in the clean room area within 72 hours of collection, unless otherwise noted.

A copy of the CAL-OSHA and EPA or Local APCD notification shall be posted in the clean room area.

A CAL-OSHA Information poster and a CAL-OSHA Construction Site poster shall be posted in the clean room area.

Copies of Material Safety Data Sheets (MSDS) for all materials onsite shall be posted in the clean room area. Bag out/load out/waste transfer procedures must be listed in writing at the load out exit.

A copy of the contractor's written Respiratory Protection Program shall be posted in the clean room.

2.6 Job Site Documents

The following shall be available at each job site:

1. List of all AHERA-accredited workers and supervisors entering the regulated area.
2. An updated list of all contractor and subcontractor employees who have worked on this job.
3. All contract specifications, Scope of Work, addendums, change orders, etc..
Contractor competent person must sign a document stating he has full knowledge of the Scope of Work and contract specifications.
4. Written Injury and Illness Prevention Program.
5. Training records.
6. Medical records.
7. Written Respiratory Protection Program
8. Fit test records for all contractor employees

2.7 Project Close-out Documentation and Submittals

The Contractor shall generate a demolition "as built" drawing detailing all walls, floors, ceilings, mechanical items, plumbing, wiring and structural components which were removed, to what extent each of these items was removed (e.g. entire wall demolished from floor to ceiling), and in what areas. The contractor must provide this drawing to the Owner and HMS, Inc. at the conclusion of the interior asbestos abatement activities when required in the Scope of Work or requested by HMS, Inc. or Owner. Digital pictures of remaining conditions would be helpful, but are not required.

Unless submitted during the project, the Contractor shall submit the following post-job submittals to the Owner within thirty (30) days of the completion of asbestos abatement work.

_____ Copies of revised notifications to regulatory agencies.

- Receipts and weight tickets from the landfill operator acknowledging the Contractor's delivery of wastes and including dates, container types and quantities, and tarred weights of material delivered, and all appropriate signatures.
- A copy of the worker/visitor log showing the following for all persons entering the work area: date, name, social security number, entering and leaving times, company or agency represented, and reason for entry. The contractor's time records will not be accepted in lieu of a worker/visitor log. Include a signed cover sheet certifying that the copy is a complete copy of the log from the job.
- Copies of all accident reports submitted during the course of work.
- A copy of worker exposure monitoring results collected in compliance with Cal/OSHA regulations (Title 8 CCR, Section 1529) including daily/representative/full-shift/breathing-zone air samples and 30-minute excursion samples. Include a cover sheet signed by an authorized representative of the testing laboratory performing the work, indicating that the data is complete and accurate.
- If applicable, a copy of the asbestos waste documentation showing dates, times, manifest numbers, quantities of wastes, types of containers removed from the work area, the hauler, and the signature of the recorder.
- A Land Disposal Restrictions Notification and Certification.
- Completed Uniform Hazardous Waste and Non-Hazardous Wasteforms including information required for the Waste Shipment Record.
- A complete record of the air filtration devices used certifying DOP testing (if performed) and printed record, indicating continuous operation and documenting differential air pressure.
- All submittals required before, during, or after the project that have not been submitted must be received by HMS, Inc. prior to HMS, Inc. signing off on contractors final payment or pay retention release.
- Copies of Prevailing Wage Certification Records (unless project is not a prevailing wage project)

SECTION 3. SITE SECURITY

The regulated area shall be restricted to authorized, trained personnel wearing appropriate personal protective equipment.

If required in the Scope of Work and whenever an entire building is placed under containment, the work area(s) under construction must be isolated from the remainder of the property and/or adjacent properties with temporary chain link fencing. This fencing does not eliminate or reduce plywood barrier requirements for any portion of containment that exists on exteriors of buildings. Temporary fencing must be supported at least once every section of fencing by concrete block or equivalent.

Unless exempted in the Scope of Work any portion of containment on the exterior of the buildings must be protected by a burglar resistant, lockable plywood structure. This structure must have a roof and be

at least 8 feet tall. This plywood barrier must be solid plywood and be constructed in a manner sufficient to withstand expected weather conditions (i.e. wind, rain, etc.). A soffit overhang may be used for the roof of this structure, barrier walls must extend completely up to soffit overhang ceiling.

Entry into the work area by unauthorized individuals shall be reported immediately to the Owner by the Contractor.

A log book shall be maintained in the clean room area of the worker decontamination system. Anyone who enters the work areas must record name, affiliation, time in, and time out for each entry. A copy of the daily log shall be provided to the HMS, Inc. Project Manager daily or as otherwise requested.

Access to the work area shall be through a worker decontamination system. All other means of access (doors, windows, hallways, etc.) shall be blocked or locked so as to prevent entry to or exit from the work area. The only exceptions for this rule are the waste loadout air-lock, and emergency exits in case of fire or accident.

Emergency exits shall NOT be locked, however, they shall be sealed with polyethylene sheeting and tape until needed. These emergency exits shall be clearly designated. They shall also have a razor knife permanently in place to facilitate emergency exit.

Contractor should have control of site security during abatement operations, in order to protect work efforts and equipment. During off-hours access to the abatement area shall be restricted by a lockable entry.

Contractor will have Owner's assistance in the enforcement of restricted access by Owner's employees.

Storage of asbestos containing debris, hazardous or not, will be such that access to it is limited to the contractor. Lockable bins shall be utilized and they shall be locked at all times except when loading occurs. No soft covers will be allowed for any storage bins.

All Owner policies and procedures regarding site security and safety shall be strictly adhered to by the Contractor.

Keys and/or lock combinations to all lockable enclosures and waste bins must be provided to the HMS, Inc. Project Manager prior to the start of abatement.

SECTION 4. EMERGENCY PLANNING

Emergency planning and procedures shall be developed by the Contractor prior to abatement initiation and agreed to by Contractor and Owner.

Emergency procedures shall be established and presented to all employees and the HMS, Inc. Project Manager prior to the beginning of any work. A written emergency plan must be posted.

Emergency planning shall include written notification of police, fire, and emergency medical personnel of planned abatement activities, work schedule and layout of work area, particularly barriers that may affect response capabilities. Emergency planning shall include considerations of fire, explosion, toxic atmospheres, electrical hazards, slips, trips and falls, and heat related injury. A copy of the written Injury and Illness Prevention Program shall be on the work site.

Employees shall be trained in evacuation procedures in the event of workplace emergencies. Telephone numbers of all emergency response personnel shall be prominently posted in the clean change area and equipment room, along with the locations of the nearest telephone indicated on a map or diagram.

At least two fire extinguishers shall be present on site. At least one fire extinguisher shall be present outside of the containment and at least one fire extinguisher shall be present inside containment. Additional extinguishers shall be distributed according to Cal/OSHA requirements or as identified in the Scope of Work.

An emergency blast horn shall be placed inside of any containment comprising more than a single building space for emergency evacuation in the event of a fire or other emergency.

If required in the Scope of Work, a means of radio communication shall be established between inside and outside of containment whenever a containment has a section(s) not directly visible from a clear-sight view window. This requirement may be met through walkie talkies or by wired communication systems. HMS, Inc. project monitor is to be given a communication device tied into communication system used by the contractors crew.

The contractor shall clearly mark emergency egress routes in brightly colored spray paint, tape, or equivalent, within the containment area. When required by the specification, or deemed necessary by the HMS, Inc. Project Manager, the contractor shall station flashlights throughout the work area to be used in the advent of an electrical power outage. Tools that can be used to cut containment poly must be placed at each emergency egress location.

Emergency exit signs, and arrows painted, taped or otherwise marked shall be located approximately three feet from the floor level. This will make signs visible for standing workers as well as workers required to crawl to emergency egress location.

In the event of a power and/or water interruption all abatement work, other than cleanup of debris on the ground, is to stop. Work disturbing asbestos cannot continue until the power and/or water is restored or the Project Manager authorizes emergency procedures

During hot working conditions, such as in an attic space during summer, or in containments where live steam or hot water lines are exposed, special attention must be given to the possibility of heat stress and burns.

In the case of fire, or other life threatening situations, all decontamination requirements are null and void. Immediate preservation of life takes precedence over decontamination requirements.

If emergency personnel (fire, police, paramedics, etc.) are called to the project site, they must be informed of the fact that the project is an asbestos abatement project and whether containment has been established and/or breached.

SECTION 5. PRE-START MEETING (See also Section 2)

The successful Bidder, his on-site supervisory personnel, and Air Sampling Professional (if applicable), representatives of the Owner, Owner's Asbestos Project Manager, and other individuals as necessary shall be present at a pre-start meeting **TIME AND PLACE AS NOTED IN THE SCOPE OF WORK OR TO BE DETERMINED.**

Responsibility for notification of building occupants regarding impending activity shall be determined at this meeting.

At this meeting the Contractor shall provide all required submittals, as indicated in Section 2, Part 2.31a, b, and c.

The Contractor's supervisory personnel must be given a complete copy of the Scope of Work, and attached abatement specifications (including these Asbestos General Requirements), and must be familiar with them prior to the pre-start meeting. Delays caused by an onsite contractor foreman not

being familiar with the requirements of these specifications will not extend the Contractor's completion date.

In addition, contractor shall be prepared to provide detailed information on preparation of work area, personal protective equipment, employee experience, training and assigned responsibilities during the project. Contractor must also be prepared to discuss decontamination procedures for personnel, work area and equipment, abatement methods and procedures, required air monitoring program, procedures for handling and disposing of waste materials and procedures for final decontamination and cleanup. A sequence of work and performance schedule, procedures for dealing with heat stress and emergency procedures shall also be submitted.

If applicable, a detailed work-area-by-work-area schedule must be submitted at this time. The schedule shall have, at a minimum, the work area and the day/month for beginning and terminating work in each work area. During progress of work, it shall be the contractor's responsibility to keep the schedule current and up to date.

SECTION 6. MATERIALS AND EQUIPMENT

6.1 Contractor Equipment and Supplies

Deliver all consumable materials in the original packages, containers or bundles bearing the name of the manufacturer and brand name (where applicable). These must be approved by the Owner.

Polyethylene (Poly) sheeting, 4-mil thick for walls and 6-mil thick for floors and all other uses, shall be provided in widths selected to minimize the frequency of joints.

All poly shall be flame-retardant, fire-rated poly. This includes all poly used for decon setups whether or not they are erected inside of the building.

Polyethylene sheeting utilized for worker decontamination enclosure shall be opaque white or black in color and each layer shall be a minimum of 6-mil thick. At least two layers shall be required. Modesty barriers are to be erected whenever and wherever the HMS, Inc. Project Manager determines one is needed.

Disposal bags shall be of 6-mil polyethylene with labels required by OSHA, DOT, Department of Toxic Substance Control regulations.

Disposal drums shall be metal or fiber board with locking ring tops to be used only if required and/or allowed by selected dumpsite.

Stick-on labels as per DOHS and OSHA requirements for disposal drums shall be provided.

Warning signs as required by OSHA shall be provided and posted per regulations.

Surfactant (wetting agent) shall be a 50/50 mixture of polyoxyethylene ether and polyoxethylene ester or equivalent, mixed and used according to the manufacturer's directions.

A sufficient quantity of pressure differential units equipped with HEPA filtration and operated in accordance with ANSI Z9.2-79 and EPA guidance document EPA 560/5-83-002 Guidance for Controlling Friable Asbestos-Containing Materials in Buildings, Appendix F: Recommended Specifications and Operating Procedures for the Use of Negative Pressure Systems for Asbestos Abatement, shall be utilized so as to meet the requirements of Section 12 of this specification.

All HEPA filtration equipment must be tested with DOP or an equivalent testing agent (see Section 12).

The contractor will provide adequate number of respirators for the work force. These respirators will include, when specified:

- a. Full face piece supplied air respirators with HEPA-filtered disconnects operated in positive pressure or pressure demand mode.
- b. Full face piece, tight-fitting, powered air-purifying respirators with HEPA-filters,
- c. Half mask or full face respirators with HEPA filters.

All respirators shall be NIOSH-approved and be equipped with supplies for immediate replacement of defective parts.

Contractor shall provide full-body disposable protective clothing, including head, body, and foot coverings, such as Tyvek, or equivalent, to all workers and authorized visitors in sizes adequate to accommodate movement without tearing. No street clothes, unless excepted by Scope of Work or other portions of this specification are allowed to be worn under disposable protective clothing.

The Contractor shall provide additional safety equipment (e.g., hard hats, eye protection, safety shoes, disposable PVC gloves), as necessary to all workers and authorized visitors.

Non-skid footwear shall be provided to all abatement workers.

A sufficient supply of scaffolds, ladders, lifts and hand tools (e.g., scrapers, wire cutters, brushes, utility knives, wire saws, etc.) shall be provided as needed. Only fiberglass ladders shall be used within the work area. Wooden ladders and wooden handled tools shall not be allowed within the work area.

Rubber dustpans and rubber squeegees shall be provided for cleanup.

A sufficient supply of HEPA-filtered vacuum systems shall be available.

The HMS, Inc. Project Manager may require the use of additional equipment if he feels the number or amount of certain items or materials is not sufficient.

Vacuums and pressure differential units shall arrive on site sealed and free of debris. Pre-filters of all pressure differential units must be new and unused.

All product data sheets and all Material Safety Data sheets (MSDS) shall be submitted for all products and materials prior to their use on the job site.

All contractor equipment and supplies must arrive on site clean and dust free. Equipment must be inspected and accepted by HMS, Inc. Project Manager as it arrives onsite. Any equipment covered with dust (no matter the source of dust), plaster debris, multiple layers of encapsulant and/or spray glue, or any other debris will not be accepted. Chipped and/or rusted equipment will not be accepted even if it is to be used outside of containment. Delays caused by a lack of clean equipment will not extend Contractor's schedule.

Equipment rejected due to a lack of cleanliness must be removed from Owner's grounds in order to be cleaned. Dirty equipment wrapped in plastic will not be acceptable.

The decision of the Owner, HMS, Inc. Project Manager or the Owner's representative on all equipment and supplies shall be final.

6.2 Rental Equipment and Supplies

Any equipment rented and delivered to the site for the purpose of conducting asbestos abatement work must be accompanied with documentation verifying that the rental agency has been notified, and acknowledges receipt of notification that the equipment being rented will be used for asbestos abatement work. This documentation must be submitted to the HMS, Inc. Project Manager prior to the equipment being delivered to the job site. Rental equipment, including scaffolding, will be held to the same standard of cleanliness as all other equipment on this project.

All rented equipment must be inspected and accepted by HMS, Inc. Project Manager as it arrives onsite. Any equipment covered with dust (no matter the source of dust), plaster debris, multiple layers of encapsulant and/or spray glue, or any other debris will not be accepted. Delays caused by a lack of clean equipment will not extend Contractor's schedule. Equipment rejected due to a lack of cleanliness must be removed from Owner's grounds in order to be cleaned. Dirty equipment wrapped in plastic will not be acceptable.

The HMS, Inc. Project Manager must be informed 24 hours prior to the delivery of any rental equipment.

The decision of the Owner, HMS, Inc. Project Manager or the Owner's representative on all rental equipment and supplies shall be final.

SECTION 7. WORK SITE FACILITIES

The Owner shall provide sanitary facilities for abatement personnel outside of the enclosed work area. To use these facilities all workers shall wear normal street clothes including pants and shirts. Nothing suits or disposable coveralls are allowed to be worn to use the sanitary facilities.

At no-time will workers be allowed to exit the containment area, once abatement has begun disturbing asbestos, without showering prior to entering the clean chamber of the decon. (Exception to this may be made, at HMS, Inc. project manager's discretion, for Project Manager and Contractor's supervisor for conducting a clearance visual during which the HMS, Inc. Project Manager may allow street clothes to be worn under disposable overalls).

At no time shall workers exit the clean room/changing area wearing anything other than street clothes, including pants and shirt.

The Owner shall provide water for construction purposes, unless stated otherwise in the Scope of Work. Contractor shall connect to existing Owner system.

The Owner shall provide the electrical source. Contractor is responsible for all connections and disconnection of electrical power. All electrical power supplied to the containment area must be ground fault interrupter protected. Loss of power due to contractor activities will require contractor to supply electrical power at his own expense.

The Owner or its representative shall specify the waste water discharge location and location of waste bins. The owner, when applicable, shall specify acceptable routes of travel.

The Contractor shall be required to place footing materials of sufficient thickness, strength, and size under the casters, footings, and/or runners of waste bin(s) to prevent damage of property surfaces.

The contractor is responsible for all damages to Owner's property caused by the delivery, placement, or removal of a waste bin. Damaged property shall be repaired to equal or better condition than was present prior to the activity causing the damage. This may be amended in scope of work for this project.

The Owner shall specify on-site parking areas, if available, and access to the site.

SECTION 8. RESPIRATORY PROTECTION

All respiratory protection shall be provided to workers in accordance with the submitted written respiratory protection program, which includes all items as required by OSHA. This program shall be posted in the clean room of the worker decontamination enclosure system or adjacent to the clean room..

The Contractor shall ensure that all workers entering the regulated area wear appropriate respiratory protection. Respiratory protection provided workers shall be in accordance with 8 CCR 1529, and 8 CCR 5144 and the respiratory protection program submitted by the Contractor. This program shall be available at the worksite.

The HMS, Inc. Project Manager, his or her onsite representative, or the Owner or their representative may deny access to the regulated area to anyone who, in the final judgement of the HMS, Inc. Project Manager, is not properly wearing adequate respiratory protection for the project conditions. This includes but is not limited to those wearing unidentified respirators, those with improperly sealed respirators, those wearing respirators in an improper manner such as over their protective suit hood, or in any other fashion judged by the HMS, Inc. Project Manager to be improper or inadequate to protect the individual from the airborne asbestos at the project site.

The Contractor shall provide each worker needing respiratory protection with his or her own, individually identified, NIOSH-approved respirator. At a minimum, these respirators will be equipped with a P-100 series HEPA filter. The Contractor shall provide additional filter types if that becomes necessary for specific hazards discovered on the job site or if required in the contract documents.

The Contractor shall ensure that all workers use the respirator in compliance with the manufacturer's instructions for proper use and care of that product.

Workers must perform positive and negative respirator seal checks each time a respirator is put on, provided the respirator design so permits.

The Contractor shall ensure that those workers wearing powered air purifying respirators test the air flow rate according to the frequency and methods specified by the manufacturer.

Workers shall be given, at least, a qualitative fit test in accordance with procedures detailed in the Cal/OSHA requirements for all respirators to be used on this abatement project. An appropriately administered quantitative fit test may be substituted for the qualitative fit test.

The Contractor shall ensure and provide written records to the HMS, Inc. Project Manager that all workers wearing tight-fitting respirators have been appropriately fit tested in accordance with the requirements of 8 CCR 5144.

The Contractor shall ensure that nothing interferes with the seal of the respirator to the face of the worker. This includes but is not limited to facial hair, clothing, protective clothing, equipment or anything else that comes between the respirator and the face of the worker.

Use of any respirator must be in compliance with the manufacturer's instructions for proper use and care of that product.

The Contractor shall ensure that workers wear respirators underneath protective clothing

Workers conducting any work that may create an airborne release of asbestos must wear appropriate respiratory protection. This includes, but is not limited to the pre-cleaning of asbestos contamination off of furniture, equipment and floors, and the set-up of contaminated work areas.

The judgement of the HMS, Inc. Project Manager shall be final if there is a disagreement between the Owner and the Contractor regarding the need for wearing or the type of personal protection required..

In no event will a negative exposure assessment be allowed to lower respiratory protection, from that listed in the Scope of Work or required by regulation in the absence of an NEA, prior to the start of a project. Air samples used for negative exposure assessments created after the project has started must be from work conducted under this contract.

Minimum Respiratory Protection for OSHA Class I Work

Unless specified differently in the contract documents, the Contractor's employees conducting Class I work will wear tight-fitting, full-face powered-air purifying respirators for all Class I work that will take more than one hour to complete. They must wear a minimum of a half-face negative air-purifying respirator for Class I work lasting less than one hour. Contract documents may require additional respiratory protection, such as the use of supplied air respirator systems if, in the opinion of the HMS, Inc. Project Manager, the airborne asbestos levels are expected to exceed one fiber per cubic centimeter of air (1 f/cc).

After work has begun, if the Contractor wishes to lower respiratory protection requirements, such as for glovebag or other work, he or she must demonstrate to the HMS, Inc. Project Manager that personal air sampling results from that project prove that airborne fibers levels are below the Cal/OSHA Permissible Exposure Limit. The Project Manager will normally require sampling results used for this purpose to include several days of sampling taken during the work expected to generate the highest airborne levels. The Project Manager will have final authority regarding whether or not the respiratory protection may be reduced below the need for powered-air purifying respirators.

Unless stated otherwise in the contract documents, for the purposes of respiratory protection, Class I work will include the removal of materials such as gypsum board surfaces that are covered with a texturing or skim coat material that contains over one percent asbestos.

Minimum Respiratory Protection for Class II and III Work Practices

Unless specified differently in the contract documents, the Contractor's employees conducting Class II or III work will wear a minimum of half-face, air-purifying respirators. Contract documents may require additional respiratory protection, such as the use of full face air-purifying respirators or powered-air-purifying respirators.

After work has begun, if a Contractor wishes to lower respiratory protection requirements, he or she must demonstrate to the HMS, Inc. Project Manager that personal air sampling results from that project prove that airborne fibers levels are below the limit of quantification for the phase contrast microscopy method. The Project Manager will normally require sampling results used for this purpose to include several days of sampling taken during the work expected to generate the highest expected airborne levels. The Project Manager will have final authority regarding whether or not the respiratory protection may be reduced or eliminated. For example, the HMS, Inc. Project Manager may require personal samples be analyzed by TEM before determining that asbestos does not pose an airborne health risk.

Respiratory Protection for All Work Classes and Unclassified Work

Respiratory protection will always be required if thermal system or surfacing materials are disturbed or if any asbestos-containing materials will not be removed substantially intact.

The HMS, Inc. Project Manager has full authority to raise the level of respiratory protection required for access to the regulated area if in his or her judgement additional respiratory protection is required. For example, if personal air sample results collected by either the Contractor or HMS, Inc. indicate higher than expected levels, the Project Manager is authorized to increase the level of required respiratory protection.

The HMS, Inc. Project Manager will determine if the increased respiratory protection is due to new, unexpected developments such as the discovery of new materials, or if the increase is due to the Contractor failing to follow good work practices. The judgement on this matter by the HMS, Inc. Project Manager will be final.

The Owner is not responsible for increased costs or delays resulting from the need to increase respiratory protection should the reason for the increased respiratory protection be due to the Contractor's failure to adequately utilize wet work methods and/or the prompt cleanup of debris.

The Contractor may only implement respiratory protection changes after receiving written approval for the change from the HMS, Inc. Project Manager.

Waste transport and disposal personnel must wear at least half-face, air-purifying respirators when handling intact sealed bags. Powered-air purifying respirators must be worn if waste containers spill, break, or in any other fashion require a Class I work cleanup be performed.

The contractor shall comply with the respiratory protection requirements listed in 8 CCR 1529 until that date that 8 CCR 5144 includes assigned protection factors for all respirators. The following list of respirators and their assigned "protection factors" shall be the criteria for the selection of respiratory protection.

RESPIRATOR SELECTION	PROTECTION FACTOR
Half-mask air purifying respirator equipped with high efficiency particulate air (HEPA) filter - P-100	10
Full-face air purifying respirator equipped with HEPA filter - P-100	10
Half or full-face, powered air purifying respirators equipped with HEPA filter - P-100	1,000
Type C continuous flow supplied air	1,000
Full facepiece, supplied air respirator operated in pressure demand mode	1,000
Full facepiece, supplied air respirator operated in pressure demand mode, equipped with an auxiliary positive pressure self-contained breathing apparatus	10,000

Workers shall be provided, as a minimum, with personally issued and marked respirators equipped with high efficiency particulate air (HEPA) filters approved by NIOSH to be worn in the designated work area and/or whenever a potential exposure to asbestos exists. Owner or its representative may refuse entry to the work area to a worker with an unidentified respirator.

Sufficient filters shall be provided for replacement as required by the workers or applicable regulations.

Disposable respirators shall not be used.

No worker shall be exposed to levels estimated to be greater than 0.01 f/cc inside their respirator as determined by the protection factor of the respirator worn and the work area fiber levels.

Whenever type C respirator protection is used, compressed air systems shall be designed to provide air volumes and pressures to accommodate respirator manufacturer specifications. The compressed air system shall have a reservoir of adequate capacity to allow the escape of all respirator wearers from contaminated areas in the event of compressor failure.

Compressors must meet the requirements of 29 CFR 1910.134(d).

Location of compressors must be approved by Owner for exhaust and noise considerations.

Compressors must have an in-line carbon monoxide monitor and periodic inspection of carbon monoxide monitors must be documented. Documentation of adequacy of compressed air systems/respiratory protection systems must be retained on site. This documentation will include a list of compatible components with the maximum number and type of respirators that may be used with the system. Periodic testing of compressed air shall insure that systems provide air of sufficient quality (Grade D breathing air). Documentation of this testing, including a description of the process used to perform the test and results of each test must be submitted to the HMS, Inc. Project Manager weekly.

Whenever powered air-purifying respirator protection is used, a sufficient supply of replacement batteries and HEPA filter cartridges shall be provided to the workers. At least one spare fully charged battery must be available on-site for each PAPR in use. The flow rate delivered to the face piece shall be checked and recorded by the Contractor on the sheet provided by the HMS, Inc. Project Manager each time a worker dons the respirator. Written respiratory protection program must detail how this testing is to be performed by each employee or the onsite supervisor. The Contractor shall ensure that the flow rate for PAPRs meets the requirements listed in 8 CCR 1544 regarding tight and loose fitting respirators as appropriate. The Contractors shall also ensure that PAPRs are worn, checked and maintained according to the directions of the manufacturer.

During encapsulation operations or usage of other organic base aerosols (e.g. spray glue, expanding foam, etc.) workers shall be provided with combination organic vapor/HEPA filter respirator cartridges.

SECTION 9. PERSONNEL PROTECTION REQUIREMENT AND TRAINING

Prior to commencement of abatement activities all personnel who will be required to enter the work area or handle containerized asbestos containing materials must have received adequate training in accordance with the OSHA, EPA AHERA and NESHAP regulations.

Special on-site training on equipment and procedures unique to this job site shall be performed by the Contractor as required by law or recommended by the equipment manufacturer.

The Contractor shall provide training in emergency response and evacuation procedures.

See Section 8 for respiratory protection requirements.

Disposable clothing, including head, foot and full body protection, shall be provided in sufficient quantities and adequate sizes for all workers and authorized visitors. Damaged coveralls shall be immediately repaired or replaced.

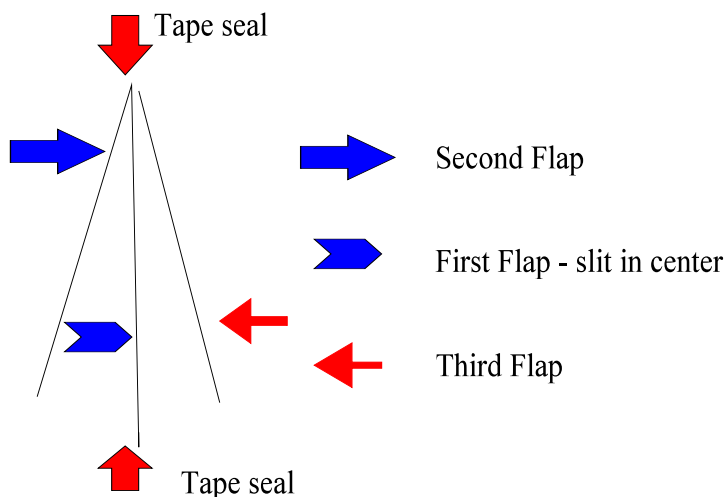
Hard hats, protective eye-wear, proper protective gloves, rubber boots and/or other footwear shall be provided by the Contractor as required for workers and authorized visitors. Safety shoes may be required for some activities.

Contractor personnel shall not wear street clothes or clothes of any type underneath the protective disposable clothing. Upon exiting the work area, no items worn in the work area, such as clothing, personal protective gear, footwear, or hair coverings will be allowed to be worn past the shower of the decontamination unit. Contractor worker(s) have the option of wearing disposable undergarments underneath protective clothing, or they may be nude underneath the protective disposable clothing.

Each time the worker(s) enter the work area they will don new disposable clothing and undergarments. Street clothes (including underwear and shoes) shall not be allowed inside the work area, except during visual clearance activities.

The HMS, Inc. Project Manager may use personal judgement to allow authorized personal to wear street clothes under protective clothing during the construction of final visual or other short-duration visits into the regulated area during times which asbestos is not being disturbed and gross debris is not present. In these situations, approved by the HMS, Inc. Project Manager, the authorized person shall deposit the protective clothing on the dirty side of the decontamination system and may proceed through the shower and clean room wearing the clothes they wore under their protective clothing.

SECTION 10. WORKER DECONTAMINATION ENCLOSURE SYSTEMS (WASTE TRANSFER DECON)



Worker decontamination enclosure systems shall be provided at all locations where workers will enter or exit the work area. One system at a single location for each contained work area is preferred. Enclosure systems may be constructed out of metal, wood or plastic support as appropriate. Plans for construction, including materials and layout, shall be submitted as shop drawings and approved, in writing, by the Owner or its representative prior to work initiation. Detailed descriptions of portable, prefabricated units, if used, must be submitted for the Owner's approval. The worker decontamination enclosure system shall consist of at least a clean room, a shower room, and an equipment room. . All decontamination units shall have, at least, two layers of 6-mil polyethylene sheeting.

Unless stated otherwise in the Scope of Work, all decontamination units, pressure differential units, and other portions of containment outside the building shall be covered with a 2"x 4" wood studs and 1/2" plywood enclosure for security. Pressure differential units shall be secured as necessary to the building or ground. Exhaust openings shall have metal grates to prevent objects from being put into the exhaust openings. Pressure differential exhaust shall be exhausted to an area acceptable to HMS, Inc. Project Manager and mounted through a solid surface, such as plywood. Entry and exit from all airlocks and decontamination enclosure system chambers shall be through doorways designed to restrict air movement between chambers when not in use.

Each decontamination chamber shall have, at least, a four inch lip of poly from the floor up the wall to prevent possible transfer of water and debris between chambers. Excess plastic at the corners of this floor is to be fitted to the sides of the chamber by folding plastic and taping, as opposed to cutting away excess poly and taping seams. In addition to this four inch lip of poly the shower chamber shall have an overflow pan, in which the shower unit sits, that is capable of holding two inches of water. The filter system and any hose connections transferring contaminated water shall be located in a secondary containment, such as a metal pan. Any leakage shall be double-bagged or re-filtered. The dirty side shall have an extra layer of 6-mil polyethylene sheeting on the floor as a "drop cloth" and it shall be replaced at least daily.

The clean room shall be sized and equipped to adequately accommodate the work crew and personal protection equipment. Minimum size of clean and dirty chambers shall be three feet by three feet, minimum size may be increased by requirements in the Scope of Work. Lighting, heat and electricity shall be provided as necessary for comfort. This space shall not be used for storage of tools, equipment or materials (except as specifically designated), nor as office space.

Shower room shall contain one or more operable showers as necessary to adequately accommodate workers, minimum of one shower for every ten (or portion thereof) workers. The shower enclosure shall be constructed to ensure against leakage of any kind. In addition, the shower shall be a separate unit from the decon walls. The shower unit cannot be made from poly. Metal or hard plastic is acceptable. An adequate supply of soap, shampoo and towels shall be supplied by the Contractor and available at all times. Shower water shall be drained, collected and filtered through a system with at least 1.0 micron particle size collection capability.

The shower pan in the shower chamber shall be, at least, 3' x 3' in size. The shower chamber shall be constructed so that no water from the shower can spray out of the chamber, nor any water run down the sides of the poly and miss the pan. The shower chamber dimensions shall be determined by the size of the shower pan but are not to be smaller than 3' wide by 3' long by 7' tall.

Abatement work will be stopped if decon is not kept in acceptable condition.

Storage or consumption of food and/or beverages shall not be permitted inside the containment or within any of the decontamination chambers. Food or drink consumption within containment will result in the abatement worker(s) dismissal from the site for the duration of the project.

SECTION 11. WORKPLACE ENTRY AND EXIT PROCEDURES

All workers and authorized personnel shall enter the work area through the worker decontamination enclosure system.

All personnel who enter the work area must sign the entry log, located in the clean room.

All personnel, before entering the work area, shall read and be familiar with all posted regulations, personal protection requirements (including workplace entry and exit procedures) and emergency procedures. A sign-off sheet shall be used to acknowledge that these have been reviewed and understood by all personnel prior to entry.

All personnel shall proceed first to the clean room (or area), remove all clothes and don appropriate

respiratory protection and disposable coveralls, head covering and foot covering. Hard hats, eye protection and gloves shall also be worn, as appropriate. Clean respirators and protective clothing shall be provided and utilized by each person for each separate entry into the work area.

Personnel wearing designated personal protective equipment shall proceed from the clean room through the shower room and equipment room to the main work area.

Before leaving the work area all personnel shall remove gross contamination from the outside of respirators and protective clothing by brushing and/or wet-wiping procedures. (Small HEPA vacuums with brush attachments may be utilized for this purpose.) Each person shall clean bottoms of protective footwear in the walk-off pan just prior to entering the equipment room.

Personnel shall proceed to equipment room where they remove all protective equipment except respirators. Deposit disposable clothing into appropriately labeled containers for disposal. All clothing items, including underwear or hair coverings must be removed and disposed of prior to entering the shower.

Reusable, contaminated footwear shall be stored in the equipment room when not in use in the work area. This footwear shall be cleaned prior to being removed from the work area. Placing footwear in two 6 mil poly bags is sufficient for moving from one containment to another, but not for moving from one site to another. Contaminated footwear shall remain within the equipment room for the duration of the project. Cleaned footwear may be removed from containment, but must be approved by HMS, Inc. Project Manager.

Still wearing respirators, personnel shall proceed to the shower area, clean the outside of the respirators and the exposed face area under running water prior to removal of respirator, then shower and shampoo to remove residual asbestos contamination. Various types of respirators will require slight modification of these procedures.

After showering and drying off, proceed to the clean room and don clean disposable clothing if there will be later re-entry into the work area, or street clothes if it is the end of the work shift.

These procedures shall be posted in the clean room and equipment room.

SECTION 12. DIFFERENTIAL AIR PRESSURE SYSTEMS (See also Section 13)

12.1 Negative Pressure Requirements

Negative pressure shall be maintained at -0.04" water differential at all times during abatement activities, including entry/exit and bag out procedures. Contractor shall assign crew members to determine cause of loss of pressure any time containment's negative pressure drops below -0.04" water differential. All work will be stopped in any containment for which the negative pressure drops below -0.025" water differential, until problem is resolved and pressure returns to -0.04" water differential or better.

In the event that containment cannot be brought up to -0.04" water differential, abatement contractor must increase number of negative pressure differential units until 10 air changes per hour is taking place. If this fails to raise negative pressure to acceptable levels, contractor may request in writing a reduction in negative pressure requirements. If HMS, Inc. project manager agrees that contractor has tried all possible remedies, HMS, Inc. project manager may grant reduction in negative pressure requirement. HMS, Inc. project manager is under no obligation to grant this request.

All negative pressure units installed, but not operating, must be sealed at both the exhaust location and the intake of the machine. This will prevent back draft which could allow asbestos fiber contamination from the HEPA filter.

12.2 Challenge Testing (DOP or equivalent)

Contractor shall provide differential air pressure systems for each work area in accordance with Appendix J

of EPA "Guidance for Controlling Asbestos-Containing Materials in Buildings," EPA 560/5-85-024.

All HEPA filtered systems used on this project shall be tested and certified by an independent company, approved in advance by HMS, Inc., on-site and prior to use. All vacuums and pressure differential units shall meet A NSI Z9.2, using an appropriate testing agent. Documentation of these tests shall be provided to the HMS, Inc. Project Manager prior to the use of any HEPA system.

DOP, or equivalent, testing must be conducted on-site, unless stated otherwise in the Scope of Work. All HEPA filtered units, including but not limited to, vacuums, air pressure differential units, and make-up air filters must be tested onsite. Testing of air pressure differential units must include testing of the wheel attachments, control panel, and seam and rivets of the housing, as well as the HEPA filter itself. A unit which passes DOP testing across the filter, but which fails testing for any component of the housing may be certified as an "Exterior of Containment HEPA Filtered Unit" only.

All HEPA equipped equipment to be used on the project must be delivered to the site empty of all debris, clean and free of dust, and in full operating condition. Covering dirty units with poly, other than the HEPA filter surface, will not be acceptable.

DOP or equivalent testing must be conducted by an independent testing company approved in advance by HMS, Inc. Contractors may not test their own equipment.

DOP or equivalent testing is required when any HEPA filters are changed.

All HEPA filtered machines, including but not limited to vacuums and negative pressure differential machines, shall be utilized in the manner in which they were DOP tested.

Any negative pressure unit turned upside down, or on its side, must be returned to an upright position and re-DOP tested. Negative pressure units shall not be used on this project while laid on their side or upside down.

In case of a power outage, contractor must seal exhaust ducts against back draft into containment.

All negative air units will have the filter sealed with poly and tape before being shutdown to prevent back draft.

12.3 Differential Pressure Recording Instruments

Differential air pressure shall be continuously monitored by Contractor using a recording instrument, Dwyer Instrument Co., "Photohelic Gauge" or equivalent, connected to an appropriate circular chart recorder or a comparable recorder that maintains a record of dates, times and pressure differentials. The location of the pressure measurement tap shall be approved in advance by the HMS, Inc. Project Manager. During the operation of the unit, circular charts shall be collected on a daily basis, dated, and signed by an OSHA Competent Person present on site. Pressure differential shall be checked a minimum of every hour during the work shift by a person familiar with the operation of the pressure-differential-filtration units, as well as the recording device. Each check shall be documented with a time and date notation on the circular chart and "Manometer Readings" form along with the initials of the person performing the check. A copy of the circular chart record shall be submitted to the HMS, Inc. Project Manager on a daily basis. The circular chart shall record time, date, pressure differential, coordinates, and location.

In the event the manometer recording mechanism fails, the Contractor shall be responsible for manually recording the pressure differential at fifteen (15) minute intervals. The log shall be kept until the recording device is operational. The log shall be provided to the HMS, Inc. Project Manager on a daily basis.

The "Manometer Readings" form shall be a record of dates and times of pressure readings and instrument stability.

Connect recording instrument to an audible alarm which will activate at pressure differential of 0.025 inches water gauge air pressure. Defective or non-operating instrumentation may require temporary stoppage of work until instrumentation is replaced.

For larger projects at least one manometer station shall be in place for each 25,000 square feet of containment space.

12.4 Differential Pressure System

Exhaust air shall be vented only to the exterior of the building at locations approved by the Owner unless otherwise noted or directed in the Scope of Work or by arrangement with the HMS, Inc. Project Manager. Such outlets shall not be near or adjacent to other building intake vents or louvers or at entrances to building. Openings made in the enclosure system to accommodate these units shall be made air-tight with tape and/or caulking as needed. They shall NOT be exhausted into occupied areas of the building. Twelve inch (12") extension ducting shall be used to reach from the work area to the outside when required. Careful installation by the contractor, air monitoring by HMS, Inc. and daily inspections by the contractor shall be done to ensure that the ducting does not release fibers into uncontaminated building areas.

The work area shall have a differential air pressure of -0.04 inches water differential whenever the work is being performed including removal, gross clean-up, encapsulation of surfaces, bag-out operations and worker entry and exit procedures. If pressure differential ever drops below -0.025 inches water differential, all work, other than cleanup of waste on the floor of containment, must be halted until reason for pressure differential drop has been determined and corrected.

Only unused pre-manufactured, reinforced flex ducting shall be used within the containment area for exhausting of filtered air. Contractor may not construct ducting using poly or other materials.

All interior of containment air pressure differential units and flex ducting must be wrapped in poly during all abatement activities. This poly wrap is to be removed after "finish detail" work has been completed, but prior to clearance visual.

Flex ducting must be supported by solid surface at point of exit from containment. This may require contractor to install plywood, or similar, structure for exhaust point.

SECTION 13. EXECUTION

13.1 Execution

Contractor and Owner shall investigate the work area and agree (in writing, if necessary) on the pre-abatement condition of the work area.

Contractor shall post danger signs meeting the OSHA specifications at locations and approaches to locations where airborne concentrations of asbestos may exceed ambient background levels.

When electrical supply within area of abatement poses a hazard, contractor, in conjunction with the Owner, shall shut down and lock out electric power to all work areas. Contractor shall provide temporary power and lighting sources, ensure safe installation (including ground faulting) of temporary power sources and equipment by complying with all applicable electrical code requirements and OSHA requirements for temporary electrical systems. Contractor shall have a licensed electrician shut down and lock out electric power, and setup temporary power and lighting sources. All cost of electricity shall be paid for by the Owner unless specified differently in the Scope of Work. Cost for set-up of temporary power is the responsibility of the abatement contractor unless specified differently in the Scope of Work.

When plumbing is required to be altered or becomes damaged, contractor shall have a licensed plumber disconnect and cap all water as necessary within the work area. Water shall be provided by the Owner from a location near the work area, but not necessarily within the work area.

Shut down and lock out all heating, ventilating and air-conditioning-system (HVAC) components that are in, supply, or pass through the work area. Seal all intake and exhaust vents in the work area with tape and 6-mil polyethylene within the work area (interior) and on the exterior of the building. Also seal any seams in system components that pass through the work area.

Pre-clean all fixed objects in all work areas using HEPA-filtered vacuums and/or wet-cleaning techniques as appropriate or deemed necessary by the HMS, Inc. Project Manager. Careful attention must be paid to machinery behind grills or gratings where access may be difficult but contamination significant. After pre-cleaning, enclose fixed objects in 6-mil polyethylene sheeting and seal securely in place with tape.

Pre-clean all surfaces in all work areas using HEPA filtered vacuums and/or wet cleaning methods as appropriate. Do not disturb asbestos-containing materials during the pre-cleaning phase.

Unless otherwise stated in the Scope of Work or by agreement with the HMS, Inc. Project Manager all non-asbestos-containing materials left in the work area shall be covered by two layers of 6-mil polyethylene sheeting. If any non-asbestos containing materials become contaminated with asbestos during removal activities these materials shall be disposed of as asbestos-containing materials by the Contractor. The HMS, Inc. Project Manager shall determine the friability of these materials prior to disposal. These materials shall be manifested appropriately.

Contractor shall seal all windows, doorways, elevator openings, corridor entrances, drains, ducts, grills, grates, diffusers, skylights and other openings between the work area and uncontaminated areas outside of the work area. These openings must be sealed with 6-mil polyethylene sheeting and tape. These protective layers shall be in addition to the two polyethylene layers on floors, ceilings and walls. These openings are referred to as critical barriers. Seal all cracks in critical barrier areas with tape, caulk, or foam prior to sealing critical barriers.

A critical barrier only, negative pressure check shall be required prior to the set-up of interior containment. Prior to the Contractor covering critical barriers with additional layers of wall, floor, or ceiling poly, the installation and integrity of critical barrier seals must be approved by the HMS, Inc. Project Manager. Wall, floor and ceiling poly installed prior to the critical barrier negative pressure check shall be removed by the Contractor if deemed required by the HMS, Inc. Project Manager in order to properly test critical barriers.

All items attached to asbestos-containing materials and items which cannot be removed without disturbing asbestos-containing materials shall be removed by the Contractor after establishment of containment and negative pressure. If these items are to be "saved and returned" or "reused" by the Owner, the Contractor must remove and clean them without damage. These items must be cataloged using the attached "Return Item Inventory Sheet" provided by HMS, Inc.

Contractor shall cover floors in the work area with polyethylene sheeting. Floor shall be covered with a minimum of two layers of 6-mil polyethylene sheeting. Plastic shall be sized to minimize seams. A distance of at least six (6) feet between seams is sufficient. DO NOT locate any seams at wall/floor joints. Floor sheeting shall extend at least twelve inches (12") up the sidewalls of the work area. Sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material. A layer of 10-mil polyethylene sheeting and/or plywood may be required by the HMS, Inc. Project Manager to protect certain flooring materials -- carpets, hardwood floors, tiles, etc. At no time will wall or ceiling materials be permitted to be dropped onto unprotected floors. This includes areas where the floor surfaces contain asbestos.

Contractor shall cover walls in the work area with polyethylene sheeting. Walls shall be covered with a minimum of two layers of 4-mil polyethylene sheeting. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet (6'). DO NOT locate any seams at wall/floor joints. Wall sheeting shall overlap floor sheeting by at least twelve inches (12") beyond the wall/floor joint to provide a better seal against water damage and for pressure differential maintenance. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This may require additional support/attachment when pressure differential systems are utilized.

Contractor shall cover ceilings in the work area with polyethylene sheeting. Ceilings shall be covered with a minimum of two layers of 4 mil polyethylene sheeting. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet (6'). DO NOT locate seams at wall/ceiling joints.

Ceiling sheeting shall overlap wall sheeting by at least twelve inches (12") beyond the ceiling/wall joint to provide a better seal against water damage and for pressure differential maintenance. Ceiling sheeting shall be secured adequately to prevent it from falling away from the walls. This may require additional support/attachment when pressure differential systems are utilized.

The contractor shall add clear sight windows in the containment walls at least 1' x 2' in size. The HMS, Inc. Project Manager will approve quantity and placement of these inspection windows. HMS, Inc. Project Manager has the right to require more clear sight windows or require placement of windows to be altered.

The equipment room shall be used for storage of equipment and tools at the end of a shift after they have been decontaminated using a HEPA-filtered vacuum and/or wet-cleaning techniques as appropriate. A walk-off pan shall be located in the work area just outside the equipment room. A six-mil. disposal bag or a drum lined with a labeled 6-mil polyethylene bag for collection of disposable clothing shall be located in this room.

Contractor shall obtain written containment visual clearance from HMS, Inc. Project Manager prior to the start of abatement in any and all containments.

Contractor is not responsible for normal tape damage due to tape requirements for containment set-up,

unless specifically mentioned in the Scope of Work. Contractor is responsible for excessive tape damage and damage from spray glue application, staples, nails, hooks, etc. installed to support containment.

Install and initiate operation of pressure differential equipment as needed to maintain differential-air pressure of -0.040 inches of water. There shall be a sufficient number of differential air pressure units to maintain a minimum of four air changes per hour. All pressure differential units shall have pre-filters at the intake of the system which must be changeable from inside the containment area. Openings made in the enclosure system to accommodate these units shall be made airtight with tape and/or caulking as needed. They shall NOT be exhausted into occupied areas of the building. Twelve inch (12") extension ducting shall be used to reach from the work area to the outside when required. Careful installation, air monitoring and daily inspections shall be done to ensure that the ducting does not release fibers into uncontaminated building areas.

All flex ducting, protected by poly during abatement or not, pre-filters and intermediate filters shall be manifested and discarded as friable, hazardous asbestos-containing materials. A flex tube may be used for multiple containments on the same job as long as it is moved from one containment to another in two 6 mil poly bags

Once the containment has been constructed and reinforced as necessary with pressure differential units in operation as required, the contractor shall test the enclosure for leakage utilizing smoke tubes. The containment shall be repaired or reconstructed as needed.

All HEPA systems used on this project shall be tested and certified onsite by an independent company prior to use. (See section 12)

Contractor shall submit logs documenting filter changes for each pressure differential unit.

Contractor shall clearly identify and maintain emergency and fire exits from the work area.

Work shall not begin each day until:

- a. Enclosure systems, or modifications thereof, have been designed and built by the contractor and each step approved by the APM. If design of containment is to be altered in any way, after it is approved by the HMS, Inc. Project Manager, a written explanation of how and why the containment is to be altered must be submitted to the HMS, Inc. Project Manager for approval.
 - b. Pressure-differential systems are functioning according to an acceptable design.
 - c. All pre-abatement submissions, notifications, postings and permits have been provided and are satisfactory to the Owner or its representative.
 - d. All equipment for abatement, clean-up and disposal is on hand.
 - e. All worker training (and AHERA certification) is completed and documented.
 - f. The contractor has installed all required clear transparent view ports made of plastic or equivalent, in the polyethylene wall so that activities can be visually monitored by the project manager from outside the containment. This window shall measure approximately 1' wide by 2' high. It shall be installed at a location approved by the HMS, Inc. Project Manager. It is recognized that viewing ports are not possible in all locations.
 - g. All pressure-differential units and vacuums have received and passed onsite DOP testing.
 - h. Contractor has at least one competent person at each site in which work is taking place.
 - i. All necessary documents and information have been posted or are on the work site.
- See Section 2.

13.2 Power Outage Procedures

The following procedures shall be followed in the event of a power outage (no matter the source of the outage):

1. Immediately stop abatement activities.
2. Wet all debris and/or friable materials within the containment.
3. Depart containment area as soon as reasonable. Shower out or use Hudson sprayers to decontaminate worker if shower is inoperable due to power outage.
4. Seal containment area including:
 - A. Decon units
 - B. Makeup air ports
 - C. Bag out chambers
 - D. Negative pressure air exhausts or inlets (must be sealed in a fashion that will allow for exhaust of air to occur when power is restored)
 - E. Re-establish APD before starting abatement
5. Contractors will be given credit against liquidated damages for all actual down time plus two hours for shut down procedures, decontamination procedures and start up, (total of 6 hours) unless power outage is attributable to abatement contractor actions.

If a generator is required in the specifications, made necessary due to extended power outages, or chosen to be used by the abatement contractor the following issues must be addressed:

- Generator must not violate any local noise ordinances nor disturb adjacent building occupants.
- Generator exhaust must not be allowed to contaminate the makeup air being pulled into the containment. It must, also, not be allowed to mix with HVAC air supplied to adjacent occupied buildings.

13.3 Work Schedule

A detailed work area by work area schedule must be submitted at the pre-start meeting. The schedule shall have, at a minimum, the work area and the day/month for beginning and terminating work in each work area. During progress of work, it shall be the contractor's responsibility to keep the schedule current and up to date.

Contractor's request to change this schedule must be submitted to HMS, Inc. in writing at least 48 hours prior to the proposed addition, deletion or change in hours of a work shift. This would include working more than one shift per day, working extra days in the week, changing work hours or work days, etc. If 48 hours notice is not given, the proposed work shift may be canceled by HMS, Inc. Project Manager. The Owner and/or HMS, Inc. Project Manager reserves the right to deny any changes in the work schedule.

If the contractor wishes to work on a Federal or State holiday, more than five days a week, or more than 9 hours a day, Contractor becomes responsible for cost of project management fees to cover extended hours. If contractor fails to appear onsite without notifying HMS, Inc. Project Manager 24 hours in advance, the contractor becomes responsible for all HMS, Inc. Project Manager travel fees, onsite time fees, and other associated project management fees for that day.

SECTION 14. REMOVAL PROCEDURES

Contractor shall wet all asbestos-containing material with an amended water solution using equipment capable of providing a fine spray mist, in order to reduce airborne-fiber concentrations when the material is disturbed. Saturate the material to the substrate; however, do not allow excessive water to accumulate in the work area.

Keep all removed material wet enough to prevent fiber release until it can be containerized for disposal. Maintain high humidity in the work area by misting or spraying to assist in fiber settling and reduce airborne concentrations. Wetting procedures are not equally effective on all types of asbestos-containing materials but shall none-the-less be used in all cases.

Saturated asbestos-containing material shall be removed in manageable sections. Removed material should be containerized immediately (as soon as removed). Surrounding areas shall be periodically sprayed and maintained in a wet condition until visible material is cleaned up. Gross debris shall be cleaned up and bagged prior to any work stoppage, such as for breaks, lunch, end of each shift, or project shut down (voluntary or not).

Material removed from building structures or components shall not be dropped or thrown onto unprotected floors at any time. Floors shall be covered with poly regardless if they are being removed after ceiling or walls. Material should be removed as intact sections or components whenever possible and carefully lowered to the floor.

Containers (6-mil polyethylene bags or drums) shall be sealed when full. Double bagging of waste material is necessary. Bags shall not be overfilled. They should be securely sealed to prevent accidental opening and leakage by tying tops of bags in an overhand knot or by taping in gooseneck fashion. Do not seal bags with wire or cord.

Drums shall be used to dispose of asbestos-containing waste with sharp-edged components (e.g., nails, screws, metal lath, tin sheeting). Waste must be double bagged and goose-necked within drums.

After completion of all stripping work, surfaces from which asbestos-containing materials have been removed shall be wet-brushed and sponged or cleaned by some equivalent method to remove all visible residue.

After the work area has been rendered free of visible residues (and verified clean by the APM), a thin coat of a satisfactory encapsulating agent shall be applied to lock-down non-visible fibers on all surfaces, in the work area including structural members, building components and plastic sheeting on walls, floors and covering non-removable items, to seal in non-visible residue. Unprotected flooring surfaces shall not be encapsulated unless otherwise noted in the Scope of Work or indicated by the HMS, Inc. Project Manager.

After asbestos-containing materials have been removed from floor surfaces. These floor surfaces shall be washed with a TSP solution, or similar detergent acceptable to the Client, follow-up flooring contractor, and HMS, Inc, Project Manager, prior to clearance air tests.

SECTION 15. WASTE CONTAINER PASS-OUT PROCEDURES

Asbestos-contaminated waste that has been containerized shall be transported out of the work area through the waste transfer airlock or through an approved pass-out arrangement.

Waste pass-out procedures shall utilize two teams of workers, an "inside" team and an "outside" team. The inside team, wearing appropriate protective clothing and respirators for inside the work area, shall clean the outside, including bottoms, of properly labeled containers (bags, drums, or wrapped components) using HEPA vacuums and wet-wiping techniques and transport them into the waste container pass-out airlock. Provisions for spray cleaning exterior of bags, equipment, and removable items shall be present in the waste pass-out. Waste water from this operation shall be collected and filtered as required through a 1.0 micron filter. No worker from the inside team shall further exit the work area through this airlock.

The three-chamber system is utilized in the following manner. Workers inside the work area place the waste in the initial waste container, which is usually a bag. They then rinse the bag and seal it. They hand it to a worker in the dirty chamber room who inspects the bag and, if it is clean, places it in the secondary waste container. The secondary container is either another bag or a lined rigid-wall container such as a barrel or box. The worker then seals the secondary container and may attach the proper labeling. The worker places the container in the middle chamber. The worker in the clean chamber then reaches in and lifts the container into the clean chamber. The worker inspects it and if not already labeled, attaches the proper labels. The worker then passes the container to the outside worker who transports the container either to the waste transport vehicle or to a holding area. At no time shall z-flaps of transfer system chambers be taped, held or otherwise blocked open. The Contractor must not allow more than one poly airlock doorway to be open at any one time. This prevents a tunnel system and a breakdown in the isolation of the work area. Negative pressure must be maintained during all waste load-out activities.

The contract documents or the HMS, Inc. Project Manager may in allow a one or two chamber system to be used for some projects, as long as the liability to the client, in the judgment of the HMS, Inc. Project Manager is not increased. As with a three-chamber system, in a one or two chamber system, the Contractor may never allow more than one poly air flap doorway to be open at any one time. For example, a one chamber system would function in the following manner. Workers in the work area rinse and seal the initial waste container. They hand the initial container to a worker in the load-out chamber. That worker verifies that the container is clean and then places it into the secondary container which will be either another bag or lined ridged-wall container depending on the specifications. The load-out worker then seals the container and applies the appropriate labels. The sealed, labeled container is then passed to the outside workers who transport it to the waste transport container or holding area.

The exit from this airlock shall be secured to prevent unauthorized entry.

SECTION 16. CLEAN-UP PROCEDURE AND VISUAL CLEARANCE CRITERIA

16.1 Clean-up Procedure

Remove and containerize all visible accumulations of asbestos-containing material and asbestos-contaminated debris utilizing rubber dust pans and rubber squeegees to move material around. DO NOT use metal shovels to pick up or move accumulated waste. Special care shall be taken to minimize damage to floor sheeting.

Wet-clean all surfaces in the work area using rags, mops and sponges as appropriate. (Note: Some HEPA vacuums might not be wet-dry vacuums.) To pick up excess water and gross wet debris, a wet-dry shop vacuum with HEPA filter may be used.

Airless sprayers and water hoses shall not be used in a "power washing" fashion on any surfaces.

Contractor shall remove each cleaned layer of polyethylene sheeting from walls and floors. Windows, doors, HVAC system vents and all other critical barriers shall remain sealed. The pressure differential units shall remain in continuous operation. Decontamination enclosure systems shall remain in place and be utilized.

Remove all containerized waste from the work area.

Decontaminate all tools and equipment and remove at the appropriate time in the cleaning sequence.

Contractor shall clean work area and conduct pre-clearance visual. Once pre-visual has been passed by contractor, contractor shall allow dust to settle within containment for 24 hours, then return and re-clean by HEPA-vacuuming and/or wet-cleaning all objects and surfaces in the work area again. At this point HMS, Inc. will conduct the final visual. If final visual fails, contractor must re-clean area until final visual passes. Once final visual is passed, contractor will be instructed to encapsulate the containment area, unless encapsulation of containment has been disallowed in the Scope of Work or material specific specification.

Contractor may request a reduction in the 24 hour waiting period, if personal samples collected during the abatement work and detail clean-up work have shown fiber levels below the PEL. Reduction of waiting period must be made in writing, accompanied by personal sample results from this project. Contractor must acknowledge that reduction in waiting period may result in failed clearance air samples and that retaking and re-analyzing these air samples will be at the contractor's expense. Reduction in waiting time will be at the discretion of the HMS, Inc. Project Manager and client.

16.2 Visual Clearance Criteria:

The **Contractor** shall perform a pre-final visual of the removal area and adjacent surfaces prior to requesting that the Owner's representative conduct a final visual inspection. The pre-final visual performed by the Contractor shall verify that all materials have been completely removed from the work area, and that the work area meets the requirements specified in Section 17.

Upon completion of the pre-final visual inspection by the Contractor a final visual of the containment area will be performed by the Owner's representative. The HMS, Inc. Project Manager will determine the clearance criteria for the project. At a minimum, no three dimensional debris shall be left within the work area; all poly shall be wet wiped so that no visible dust or debris is left; the decontamination chambers shall be clean of all debris; the waste transfer area shall be clean of all debris; all equipment and supplies shall be clean of all debris. The Contractor shall not be released to encapsulate the containment until receiving written acceptance by the Owner's representative stating the removal area and the containment have met the criteria of the Owner's representative for completeness of removal and cleanliness of the containment barriers and surfaces.

When required, clearance air sampling shall be performed following the requirements specified in Section 17 after encapsulation of the containment has taken place and a sufficient amount of time has passed to allow the encapsulant to dry. The Owner shall determine the method of analysis to be used based on the amount and type of material removed within a containment. If at a K through 12 school site and the quantity of Asbestos-Containing Material (ACM) exceeds 160 square feet or 260 linear feet, analysis of air samples must be by transmission electron microscopy (TEM) per US EPA AHERA regulations.

The HMS, Inc. Project Manager will conduct the final visual inspection of the work area for visible residue.

If any accumulation of residue is observed, it will be assumed to be asbestos and the 24 hour settling period/cleaning cycle will be repeated.

Additional cleaning cycles shall be provided by the contractor, as necessary, at no cost to the Owner until the specified clean criteria have been met.

HMS, Inc. Project Manager has final say on whether or not an area meets these requirements.

Following the satisfactory completion of clearance-air monitoring, remaining barriers may be removed and properly discarded as non-asbestos containing waste. If contamination exists behind these critical barriers, additional cleaning and air monitoring may be required.

Final visual will be conducted by at least one HMS, Inc. Project Manager. HMS, Inc. may supply additional personnel for inspection in order both to speed the inspection and to more thoroughly inspect the containment areas.

Owner, contractor and HMS, Inc. Project Manager shall jointly review the work area and make a damage assessment, after clearance air samples have passed and containment has been torn down.

SECTION 17. CLEARANCE AIR MONITORING

Following the completion of clean-up operations, the contractor shall notify the HMS, Inc. Project Manager in writing that work areas are ready for final visual inspection. This notification is to be made only after contractor foreman has made a visual inspection of his own.

After the HMS, Inc. Project Manager has given a final written approval of the clean-up operations, the contractor shall proceed to "lock-down" the containment area with an encapsulant. Exception to this is for containments that are not to be encapsulated prior to clearance air testing according to the Scope of Work (ie floor tile only projects).

Owner shall then arrange for an Air Monitoring Professional to sample the air in the work area for airborne fiber concentrations. Clearance-air monitoring shall proceed 24 hours after lock-down or when the area is dry, whichever is later.

Contractor may request a reduction in the 24 hour waiting period, if personal samples collected during the abatement work and detail clean-up work have shown fiber levels below the PEL. Reduction of waiting period must be made in writing, accompanied by personal sample results from this project. Contractor must acknowledge that reduction in waiting period may result in failed, or overloaded (with encapsulant) clearance air samples and that retaking and re-analyzing these air samples will be at the contractor's expense. Reduction in waiting time will be at the discretion of the HMS, Inc. Project Manager and the Owner.

Air samples will be taken using the "aggressive" air sampling techniques described in the AHERA regulations unless noted differently in the Scope of Work for non-AHERA sites. In the case aggressive samples cannot be collected (e.g. in a dirt floor area) this will be noted in the Project Manager's notes.

If PCM analysis is used for clearance air samples, all clearance samples at all locations shall indicate a fiber concentration of less than or equal to 0.01 f/cc for release of the work area.

If TEM analysis is to be used for clearance air samples, then the clearance criteria shall be the same as AHERA, unless otherwise specified in the Scope of Work.

Areas exceeding these levels shall be re-cleaned and, if appropriate, re-encapsulated at no additional cost to the owner. All areas where clearance air samples fail will be re-tested.

The contractor shall be responsible for all subsequent air sampling costs if air samples fail to meet clearance criteria levels. This cost includes four hours of time for HMS, Inc. personnel to collect the air samples and the cost of laboratory analysis.

Roof Removal: No clearance air monitoring required. Only a visual inspection of the roof for roofing debris will be provided.

Tar-like Pipe Wrap Removal: This non-friable material will only be removed by cutting the clean ends of the pipe it is insulating. No clearance air monitoring required.

TSI Removal: When removal is less than three linear feet within a single glovebag (or similar) containment, no clearance air monitoring will be required.

Regardless of the method used, when removal exceeds three linear feet within a single containment clearance air monitoring will be performed prior to the removal of the containment barriers.

Drywall Removal: Regardless of the asbestos content, when the quantity of drywall removed exceeds 3 square feet, clearance air monitoring will be performed prior to the removal of the containment barriers.

VFT & Mastic Removal: When the quantity removed exceeds 3 square feet, clearance air monitoring will be performed prior to the removal of the containment barriers.

SECTION 18. MONITORING

Owner reserves the right to perform air and performance (contractor work practices, house keeping, record keeping, etc.) monitoring at any time.

Contractor shall conduct personal air monitoring in accord with OSHA regulations. Results shall be made available to the HMS, Inc. Project Manager within 72 hours of collection. Hard copies of these results shall be supplied to HMS, Inc. Project Manager within 7 days of collection. Failure to supply these sample results in the specified time may cause work to be stopped until all delinquent results have been submitted. Loss of contractor work time because of non compliance of the provisions of this paragraph will not extend the date for work completion.

Owner may take air samples prior to, during, and after the project. Work shall not be considered complete until all air sampling has been completed and satisfactory levels have been obtained. "Satisfactory levels" shall be those established by AHERA, unless more stringent requirements have been identified in the Scope of Work, General Specifications, General Requirements, or other Project Specifications.

In areas where soil contamination may be present, soil samples must meet specified criteria in Scope of Work prior to clearance air samples collection.

Owner, or HMS, Inc. Project Manager, shall be authorized to issue a STOP WORK order whenever Contractor's work or protective measures are not in accord with published regulations or contract specifications.

SECTION 19. DISPOSAL PROCEDURES

19.1 Disposal Procedures

Waste transport and disposal personnel must wear at least half mask HEPA-cartridge type respirators when handling intact sealed bags.

Disposal bags shall be of 6-mil polyethylene, pre-printed with labels as required by California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) regulations.

Disposal drums shall be plastic, metal or fiber board with locking ring tops. If heavy duty card board boxes are allowed in the Scope of Work, they may replace the barrels. Cardboard boxes must be sturdy enough not to be deformed or compromised by the weight of the materials disposed within them.

All containers, including bags and barrels or boxes must be labels the same as the ACM waste disposal bags.

All waste shall be double bagged in 6-mil polyethylene bags and goose-necked. These bags will then be placed into disposal drums as described above.

Contractor shall provide stick-on labels for disposal containers that meet the Cal/OSHA, NESHAPS, and DTSC requirements for hazardous and non-hazardous waste container labeling.

All waste bags shall have visibly damp materials but shall not contain loose water. In the event loose water is discovered within a waste bag, it shall be absorbed with kitty litter, saw dust or similar product prior to the bag being sealed.

All asbestos waste, hazardous or not, shall be manifested. Non-hazardous waste shall be manifested on a non-hazardous waste manifest.

All waste containers (barrels or boxes) shall be sealed in a manner that allows them to be opened for inspection of sealed bags within by HMS Project Manager, Regulatory personnel and Dumpsite personnel.

Waste placed into boxes or barrels at the project site must be disposed of within the same boxes and barrels at the dumpsite. Removal of waste from these boxes and barrels is not allowed. As the work progresses, to prevent exceeding available storage capacity onsite, sealed and labeled containers of asbestos-containing waste shall be removed and transported to the prearranged disposal location.

Disposal must occur at an authorized site in accordance with regulatory requirements of NESHAPS and applicable State and Local guidelines and regulations, including the California State Environmental Protection Agency, Toxic Substances Control Division regulations.

Transport vehicles shall be marked with the sign prescribed by NESHAPS regulations during loading and unloading to warn people of the presence of asbestos.

All dump receipts, trip tickets, waste manifests, NESHAP Waste Shipment Record (WSR) and other documentation of disposal shall be delivered to the Owner, for the Owner's records. The WSR is not required if the cubic yards of asbestos-containing waste is indicated on the Waste Manifest. The manifest should be signed by the Owner, the hauler, and the Disposal Site Operator as the responsibility for the material changes hands. If a second hauler is employed, his name, address, telephone number and signature should also appear on the form. The WSR, if used, shall be signed by the Owner or its agent and the disposal site operator.

All manifests shall have asbestos waste identified as: "RQ, Asbestos, 9, NA2212, III". This requirement may be changed as new regulations are issued. See "Waste Disposal" requirements at end of "General Requirements".

All manifests shall be accompanied by a "Notice and Certification". A signed copy of this must be provided to the Owner or Owner's agent.

19.2 Transportation to the Landfill

Once drums, bags and wrapped components have been removed from the work area, they shall be loaded into an enclosed (solid walls, ceiling and floor) truck or dumpster, which has been lined with 6-mil polyethylene (walls and floor).

When moving containers, utilize hand trucks, carts and proper lifting techniques to avoid back injuries. Trucks with lift gates are helpful for raising drums during truck loading.

Personnel loading asbestos-containing waste shall be protected by disposable clothing including head, body and foot protection and, at a minimum, half-facepiece, air-purifying, dual cartridge respirators equipped with high-efficiency filters. Any debris or residue observed on containers or surfaces outside of the work area resulting from clean-up or disposal activities shall be immediately cleaned up using HEPA filtered vacuum equipment and/or wet methods as appropriate.

No waste containers shall be onsite which contain other hazardous waste, or hazardous waste from another owner. Waste from multiple sites of the same owner within the same waste container is acceptable; however, it must be manifested separately.

If contractor is storing waste from various sites of one owner, all transportation vehicles shall be covered by the same regulations as the dumpster or truck being used to haul the waste to the dump. If equipment or supplies are to be left in vehicles during hauling of waste to dumpster or truck, waste and equipment/supplies must be separated by a solid (wood or metal) barrier which has been sealed as a critical barrier. A poly wall barrier is not sufficient.

Dumpster truck or storage bin must be locked at all times except when being filled.

It is the contractor's responsibility to see that all dumpsters, trucks, and storage bins arrive onsite completely free from debris.

The contractor shall provide a weight receipt that identifies the net weight of the material being discarded.

19.3 Disposal at the Landfill

Upon reaching the landfill, trucks are to approach the dump location as closely as possible for unloading of the asbestos-containing waste.

Bags, drums, barrels and components shall be inspected as they are off-loaded at the disposal site. Material in damaged containers shall be re-packed in empty drums or bags as necessary. (Local requirements may not allow the disposal of asbestos waste in drums. Check with appropriate agency and institute appropriate alternative procedures.)

Waste containers shall be placed on the ground at the disposal site, not pushed or thrown out of the trucks (weight of wet material could rupture containers).

Personnel off-loading containers at the disposal site shall wear protective equipment consisting of disposable head, body and foot protection and, at a minimum, half-facepiece, air-purifying, dual cartridge respirators equipped with high-efficiency filters.

Following the removal of all containerized waste, the truck cargo area shall be decontaminated using HEPA vacuums and/or wet methods to meet the no visible residue criteria. Polyethylene sheeting shall be removed and discarded, along with contaminated cleaning materials and protective clothing, in bags or drums at the disposal site.

SECTION 20. SPECIFIC PROCEDURES AND REQUIREMENTS

NOTE: All Specific Procedures and Requirements listed in Section 20 shall be reviewed by the contractor along with the Scope of Work issued for the project. If any perceived conflicts are present between the Scope of Work and these specifications or within the General Requirements specification itself, the contractor shall ask for a written interpretation from the HMS, Inc. Project Manager prior to submission of his bid. If conflicts in the "Scope of Work" and this specification or with the General Requirements specification itself are discovered after the start of abatement, the more stringent specification and/or requirements will be enforced. The HMS, Inc. Project Manager shall make the determination as to what which requirements and/or specifications are more stringent.

20.1 General Repair of Damaged Thermal System Insulation (TSI) Procedures

Where TSI has been damaged, and it is feasible to repair the small nicks, cuts, and exposed ends, the following procedures shall be performed:

1. Contractor shall establish a regulated area according to the requirements of 8 CCR1529 and as enhanced by this specification and the Scope of Work, including but not limited to the posting of the area and allowing on authorized personnel into the work area.
2. Piece of 4-6 mil poly sheeting shall be placed directly under the area to be worked to collect any fallen debris or repair compound.
3. Half-masks and disposable suits (at a minimum) shall be used during this work.
4. The area shall be restricted to those personnel involved in the work, so posting of the accesses is required. In some cases, poly shall be used to cover the access points.
5. A HEPA-vacuum must be in the immediate area to pre-clean any debris observed surrounding the damaged section, or in the event of a mishap.
6. If work is performed indoors, the ventilation system shall be off in the areas worked in to prevent fiber distribution. Ventilation supply and exhaust ducts shall be covered with poly sheeting.
7. It will be necessary to remove small sections of other insulation material, such as fiberglass, if debris from the damaged pipewrap has contaminated it.
8. If appropriate, contractor shall HEPA-vacuuming the damaged section will collect all loose, hanging, friable insulation material prior to any further repair work.
9. Very small cracks, holes, nicks, and cuts can be repaired with only joint compound or with a single layer of wettable cloth and appropriate bridging encapsulant. Larger sections of damaged pipewrap, particularly where pipe hangers or metal channel have damaged the insulation, will require at least two layers of wettable cloth.
10. Where the pipewrap cannot be removed completely from penetrations in the walls, floors, or

ceilings, the pipewrap shall be removed at least one inch into the opening and sealed with a bridging encapsulant to grade. The Contractor may choose to fill large gaps with fiberglass insulation, prior to sealing with the encapsulant.

11. All of the Contractor's materials, including poly sheeting, tape, joint compound, etc. shall be removed at the completion of the work performed.

20.2 Glovebag Technique Requirements

Where the glovebag technique is specified for removal of Thermal System Insulation (TSI), or in those areas where the Contractor opts to use glovebags, all of the following conditions must be met:

1. The Contractor shall develop a regulated area that meets the requirements of 8 CCR 1529 regarding posting and limited access.
2. The Contractor shall follow the procedures recommended by the manufacturer of the glovebags, and the specifications required by Federal OSHA and Cal/OSHA regulations
3. All critical openings within the regulated area shall be sealed prior to set up of the containment.
4. At least one layer of 6 mil poly must be used to contain the abatement area.
5. Stationary objects in the immediate area of the room which cannot be removed from the work area must be covered with at least one layer of 4 mil poly sheeting after being pre-cleaned.
6. A minimum three stage decontamination unit with a shower shall be contiguous with the containment for areas requiring removal of more than 6 linear feet of TSI, or 10 square feet of surfacing material.
7. Negative pressure shall be established and a circular graph recording manometer shall be attached to the containment per Section 13.
8. A HEPA-filtered vacuum shall be in the immediate area for use in conjunction with the bags or in case of a spill.
9. Glovebags may not be used on surfaces where temperatures exceed 150 degrees Fahrenheit.
10. Glovebags may be used only once, and may not be moved or slid for removal of a second section of TSI.
11. At least two persons shall perform Class I glovebag removal as defined by Federal and Cal/OSHA.
12. Before beginning the operation, loose and friable material adjacent to the glovebag operation shall be wrapped and sealed in two layers of 6 mil poly sheeting or otherwise rendered intact.
13. Where the system uses an attached waste bag, such bag shall be connected to a collection bag using a hose or other materials which shall withstand pressure of ACM waste and water without losing its integrity.
14. The Contractor shall apply a sufficient volume of amended water to all pipewrap scheduled for removal while it is enclosed in the glovebag.
15. A sliding valve or other device shall separate the waste bag from the hose to ensure no exposure when the waste bag is disconnected.
16. Prior to placement in the disposal bag, glovebags shall be collapsed by removing air within them using a HEPA-vacuum.

17. Upon detachment, the glovebag must be immediately placed into at least two 6 mil thick disposal bags. The disposal bags must be sealed using the "gooseneck" sealing technique.
18. Where pipes enter walls, floors, or ceilings which are not within the scope of the project, the pipewrap shall be removed at least 1" into the structure and the pipewrap end must be sealed with bridging encapsulant and/or wettable cloth.
19. If the Contractor chooses to use a Negative Pressure Glove Bag System, Negative Pressure Glove Box System, or Water Spray Process System in lieu of the traditional Glovebag System, the Contractor shall submit to Owner's agent/site representative detailed written procedures on those systems which will be used. In addition, air sampling data, generated by the Contractor, must be provided to Owner's agent/site representative. Owner's agent/site representative must provide prior approval to alternate techniques and approaches to those specifications detailed here.
20. The Contractor is responsible for salvage and decontamination of all pipe system supports, hangers, brackets, saddles, etc. These items shall be inventoried by the Contractor, and verified by the Owner's agent/site representative before and after abatement. The Contractor will be responsible for replacement of any items lost or damaged.
21. The Contractor shall be responsible for ensuring the piping system remains adequately supported at all times. This may be achieved by readjusting existing hanger brackets as insulation is removed, or by other approved methods, such as inserting wood blocks to replace the thickness of the removed insulation.

20.3 Mini-Cube Enclosure Requirements

1. For the purposes of these specifications, "mini-cube enclosure", "mini-enclosure", and "mini-cube" are all used interchangeably and mean the same. The mini-cube enclosure is required to be constructed whenever small sections of walls, ceilings, or pipe insulation are to be removed for electrical, plumbing, mechanical, etc., work. The purpose is to create an enclosed and controlled work environment while removing asbestos or accessing an attic space which is contaminated.
2. Enclosure walls and floors must be constructed of at least two layers of fire-rated 6 mil poly sheeting. No visible holes, cracks, penetrations, etc. shall be within this enclosure. The upright frame shall be adjustable in order to butt the top of the enclosure to the wall or ceiling area. A single drop layer of 6 mil poly sheeting shall be put down and removed daily at the end of the work shift. For work involving removal of TSI by glovebag technique, only one layer of 6 mil poly sheeting is required for construction of the mini-enclosure. All mini-enclosures, mini-cubes, etc. must have a view port that allows the HMS, Inc. Project Manager to view the activities going on inside the regulated area. The placement, number, and size of the view port(s) must be acceptable to the HMS, Inc. Project Manager.
3. At least two chambers shall be present, separated by flapped poly sheeting doors. The first chamber upon entrance will be called the "clean" chamber, while the second chamber will be called the "dirty" chamber.
4. Since the top of the enclosure must be open in the chamber where ceiling access will take place, special care must be taken prior to moving the enclosure. If the mini-enclosure is designed to be portable, the enclosure must be sealed at the top prior to being moved to the next location. This may be achieved by temporarily sealing the top of the chamber with poly and tape from the inside.
5. Dirty chamber must be sealed around work area in a fashion that creates an air-tight seal without causing damage to floor, walls, ceilings or other materials. This may be achieved by use of a pliable material, such as non-porous foam rubber, or other methods approved by the HMS, Inc. project

manager. A tight seal must be maintained without damage to the remaining materials (this may be difficult if tape is used).

6. For access to an attic space, position the enclosure at the location to be worked. The enclosure must be butted up to the ceiling surface to form a semi-seal between the top of the enclosure and the ceiling. The enclosure can then be completely sealed to the ceiling, using tape. After a seal has been established, access into the ceiling can then proceed.
7. A HEPA vacuum shall be used to establish "negative pressure" or airflow into the enclosure. This shall be verified by using ventilation smoke tubes.
8. The following equipment and materials, at a minimum, must be present inside the mini-enclosure "dirty" chamber:

6 mil poly bag with clean rags for cleaning.

Amended water in a Hudson-like sprayer for the rags.

Empty bag for disposal of items.

Flashlights or drop light as appropriate.

Personal Protective Equipment including extra suits incase of multiple entry/exits

Amended water in a properly labeled Hudson Sprayer

Daily change of 6 mil poly sheeting drop layer.

Other tools needed to perform task.

9. The following equipment and materials, at a minimum, must be present inside of the mini-enclosure "clean" chamber:

Clean potable water in a Hudson-like sprayer which is labeled "Clean Potable Water Only". A new container must be designed for potable water only. No container used previously to hold liquids will be allowed. No open containers will be allowed.

Clean disposable shower or hand towels for drying hands, arms, and face.

6 mil poly bag for disposal of towels and other items.

Any other tools the Contractor requires, such as tape, screwdrivers, etc.

10. The work area must be delineated with the proper barrier tape and the outside of the poly-flapped entry to the mini-cube must be posted with OSHA required warning signs for a regulated area.
11. Clean disposable coveralls must be worn entering the mini-enclosure, and must be removed prior to leaving the mini-enclosure. Depending upon the work being performed, the Contractor may choose to "double suit" in disposable coveralls. All workers shall use the Clean Room and its supplies for personal hygiene prior to exiting the enclosure.
12. For work involving removal of more than 6 linear feet of TSI, or greater than 10 square feet of surfacing material (regardless of method to be used), a shower must be attached to the mini-cube enclosure and be contiguous with the work environment, and comply with all other decontamination

- requirements in related sections of this specification.
13. If there is removal of greater than 3 linear feet of TSI, or greater than 3 square feet of surfacing material (regardless of the method used), the enclosure must remain in place until a final visual is passed, and clearance air samples are collected by Owner's agent/site representative. Where work involves less than these quantities, only a visual inspection by Owner's agent/site representative will be required prior to removal of the mini-enclosure. Mini-enclosure shall be constructed in a fashion that will stay in place, remain intact and under negative pressure for numerous days while awaiting clearance air sample results.

20.4 Roofing Abatement Requirements

General Requirements

1. Except as amended here and in the Scope of Work, all other Sections of this Exhibit shall be followed.
2. The work shall be coordinated and scheduled when there are favorable weather conditions, such as, performing the abatement work when the forecast is for "clear skies" and no rain for three or more consecutive days. The Contractor shall remove only that amount of roofing material which can be reroofed or covered, and secured from the weather.

Work may be halted at the discretion of the Owner's agent/site representative if wind conditions occur which can or does cause removed roofing materials to be blown off the roof area, or beyond the designated removal area perimeter. All roofing work shall be coordinated to allow other trades to work at the same time as long as their work is located in areas where contamination cannot occur. No cutting, sanding, grinding, or removal of any type will take place until all preparations for removal have been completed and inspected by the onsite project manager. This section may be amended in other sections of this specification for this project.

The words "clear skies" are used as a means of indicating favorable weather conditions. These two words do not mean, nor are they intended to require skies be clear and free of clouds, fog, or other meteorological conditions which are not expected or forecast to produce measurable rain. The follow up requirement of no rain for three or more consecutive days is to help clarify the favorable weather condition requirement. The last sentence concerning the amount of roofing to be removed is to further instruct and direct the Contractor not to be over optimistic and create more open roof areas than can be reroofed, secured, or properly protected from weather in case the forecast changes unexpectedly or without warning.

3. All work hours at the site shall be determined by the Owner or as defined in other sections of this Exhibit. Unless otherwise stated, the buildings will be reoccupied each morning Monday through Friday.
4. All work shall be coordinated with the other trades involved on this project, with central coordination being primary between the abatement contractor and the General Contractor for the project. However, Owner's agent/site representative must be notified of projects in advance as stated in other sections of this Exhibit.
5. The Contractor shall provide all necessary equipment, tools, materials, lighting, labor, etc. to perform the work. Sufficient lighting shall be provided to illuminate the entire removal and transit areas for removal of roofing material, and for the final visual inspection by the Owner's agent/site representative if the work is to be performed at night.
6. All HEPA equipment to be used on the project must be delivered to the site empty of all debris, clean, free of dust, and in full operating condition. HEPA equipment to be used inside any building must have been DOP tested within the last 90 days. This DOP certification must be verified by Owner's

agent/site representative prior to its use.

7. The Contractor shall provide worker safety according to all OSHA regulations (Title 8), including use of tie-offs, harnesses, and lanyards. Particular attention shall be given to the placement and securing of accesses (ladders, etc.) to the roof and for fall protection for those working near the perimeter of the roof.
8. All ladders used shall conform to Cal/OSHA requirements. The ladders shall extend at least three feet above the roof line, and shall be tied off to the building to prevent them from sliding.

Contractor Responsibilities

9. The Contractor shall be responsible for securing all exposed roof surfaces, including any roof penetrations against weather after roofing materials have been removed. Protection of the roof must be made with an impermeable barrier to prevent water from entering the building structure.
10. The Contractor will be responsible for all clean-up and costs associated with the decontamination of occupied spaces in the event of contamination of an occupied space.
11. The Contractor is responsible for any contamination of the attic space above the existing ceilings inside the buildings caused by their work, except as noted specifically in the Scope of Work.
12. The Contractor is responsible for damage to the roofing substrate, and will be responsible for repair or replacement if damaged.
13. The Contractor is responsible for removal of all roofing layers and associated materials such as roofing nails, insulation, fiberboard, etc. down to the wood or metal substrate regardless of asbestos content, unless otherwise noted in the Scope of Work. Where it is unknown how many layers of roofing materials exist, it must be assumed that there are multiple roofing layers present. The Contractor may, upon request and approval by the Owner, collect core samples of any roof to be removed for the purpose of determining its depth and structure. If coring is conducted, it is the responsibility of the Contractor to repair the areas affected to industry standards using non-asbestos materials.
14. The Contractor is responsible for removing all roofing nails, and driving in all nails used for securing the roofing substrate after roof material has been removed. The Contractor will not be required to remove silver paint or tar coating on conduit, roof jacks, heating, ventilation, and air conditioning (HVAC) equipment, flashings, etc. which will be reused by the Owner. Where flashing is to be reused, the Contractor shall carefully remove and save the flashing in an undamaged condition, unless otherwise required by the Owner. This section may be amended in the Scope of Work for this project.
15. The Contractor is responsible for removal and replacement of wood block or metal supports which may be present under conduit, gas lines, piping, HVAC units, ducting, etc. in order to perform the work. The Contractor is also responsible for temporarily installing wood blocks for any existing roof structures during the roofing removal, when it is necessary to remove existing support members to accomplish the work.
16. The Contractor is responsible for damage to all equipment and existing cables which are present on the roof. The Contractor is responsible for damage to electrical wiring, telephone lines, antenna wires, and other conduits which are present. An inspection for pre-existing conditions is the responsibility of the Contractor, but may also be conducted by the Owner's representative.
17. The Contractor is responsible for obtaining all necessary permits to perform this work, including any local permits for work in the evening/night hours.

18. Standards of cleanliness for fluted metal decks located underneath asbestos-containing roofing materials. It is possible for the abatement crew to remove the asbestos-containing roofing materials without breaking through or removing the light grey insulation material beneath it. If removal of asbestos roofing materials is performed as described above, and the insulation material remains intact, District's agent/site representative can conduct a final visual for asbestos-containing debris. Once this inspection has been completed, and the requirement for no remaining asbestos-containing debris on the roof is met, the insulation layer is removed.

At this point, asbestos is no longer an issue, and District's agent/site representative will allow minor amounts of the non-asbestos debris to remain in the fluted areas of the deck. General cleaning of the flutes is conducted to a point where the amount of debris remaining is reduced to a minimal amount without having to completely clean or vacuum the flute channel.

The District is unaware of any potential hazard which could be caused by leaving some non-asbestos debris, and does not consider it necessary to have the flute channels detailed beyond generally clean conditions. However, if the fiberboard layer is extensively damaged during removal of the asbestos-containing materials, and asbestos-containing roofing debris cannot be distinguished from non-asbestos containing roofing materials, all flutes shall be vacuumed and cleaned as set forth in the project specifications.

Owner Responsibilities

19. The Owner is responsible for closing all windows in the building where the asbestos roofing material will be removed. This must be done prior to the asbestos abatement contractor arriving onsite for the work shift, in order to prevent delays.

The Owner shall also be responsible for cutting or trimming back all trees and limbs which may impact the removal of the existing roofing materials.

General Roof Removal Instructions and Requirements

20. Removal of non-friable asbestos-containing roofing is designated as Class II work. Half-masks and disposable coveralls shall be used at a minimum by all workers, at all times, when within the regulated area.
21. No personnel will be allowed into the regulated area during actual removal work without proper respiratory and personal protective equipment. Work boots with hard soles are required to be worn by all abatement personnel. No athletic, street, or dress shoes are to be worn during work activities.
22. All roofing material shall be removed in an intact state to the extent feasible.
23. All roofing is to be removed wet by an amended water solution or encapsulant as necessary.
24. The abated roof area shall be HEPA vacuumed after roofing materials have been removed. Particular attention shall be directed at the flute channels of metal decks.

Pre-Abatement Preparation Requirements

25. The Contractor shall seal all air intakes associated with the HVAC units which are on or near the roof under abatement, and at adjacent HVAC units, particularly downwind from roofing removal activity. In addition, all louvers, window mounted fan systems, attic openings, etc., shall be sealed as critical barriers. The Contractor is responsible for sealing all HVAC openings as critical barriers using one layer of 6 mil poly. These critical barriers shall be installed at the beginning of each shift, and removed at the end of each shift prior to reuse by the Owner. If the building will not be reoccupied daily, the barriers may stay in place.

The perimeter of the roof where removal is to be conducted, shall be posted with barrier tape at a distance of at least 20 feet from the edge of the removal area. This barrier tape will provide a buffer zone, and assist in the restriction of non-abatement personnel.

Poly sheeting shall be placed on the ground directly below the work area or on the adjacent roof surfaces and cover an area extending out at least 10 feet. The Contractor shall secure the poly to the ground using tape, weights, or other means to secure the poly from being picked up by wind or becoming a trip hazard. The Contractor shall secure the poly to the adjacent roof surfaces with tape, etc.

Waste Bins and Waste Bin Preparations

26. The Contractor is responsible for inspecting all waste bins delivered to the job site for load worthiness. The Owner's agent/site representative reserves the right to refuse any waste bin without any additional cost to the client, which upon examination, and in the opinion of the site representative, has a high probability of failure of doors, skids, walls, floors, or which contains other debris.
27. The Contractor shall be required to place footing materials of sufficient thickness, strength, and size under the casters, footings, and/or runners of waste bin(s) to prevent damage of property surfaces. The contractor is responsible for all damages to Owner's property caused by the delivery, placement, or removal of a waste bin. Damaged property shall be repaired to equal or better condition than was present prior to the activity causing the damage. This section may be amended in the Scope of Work for this project.
28. Unless the roofing material is carried or passed to the ground by hand, it shall be lowered to the ground via covered, dust-tight chute, crane, or hoist. All waste shall be sufficiently wetted with amended water to prevent fiber release. If fiber release cannot be prevented, then the chute and bin must be within a negative pressure enclosure. In no case shall roofing materials be dropped or thrown into trucks, bins or dumpsters from the roof without the protection of a dust tight chute or other means acceptable to the HMS, Inc. Project Manager.

Posting and Label Requirements for:

Regulated Area Entry Points and Waste Bin Perimeters

29. Access to regulated areas shall be posted as outlined by Cal/OSHA Title 8, 1529 (k)(7)(B) 1 and 2 with warning signs. Perimeters of waste bin(s) shall also be posted as outlined by Cal/OSHA Title 8, 1529 (k)(7)(B) 1 and 2 with barrier tape bearing the following information:

**DANGER
ASBESTOS
CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS AND PROTECTIVE CLOTHING ARE
REQUIRED IN THIS AREA**

These postings are required to warn non-abatement personnel of the restricted access, and potential hazard which exists in the vicinity of the regulated areas and waste bin(s).

Building Perimeter at Ground Level

Building perimeters shall be posted with barrier tape bearing one of the following descriptions:

CAUTION in black letters on a solid yellow background.

DANGER in black letters on a solid red background.

DANGER ASBESTOS HAZARD in black letters on a solid red background.

Waste Material Containers

30. Waste material containers, including the "burrito wrapped" material, shall have warning labels affixed in accordance with Cal/OSHA Title 8, 1529 (k)(8)(A-D).

**DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD**

General Requirements for Creating Roof Penetrations

31. All roofing penetration cuts (if any) shall be at the direction of the primary contractors' Job Foreman, and coordinated with Owner's agent/site representative as to the time of work. Any equipment to be used for the purposes of cutting, grinding, or sanding must meet or exceed all Cal/OSHA requirements regarding HEPA filtration and wetting/misting. Any equipment rented for the purpose of conducting asbestos work must be accompanied with documentation verifying that the rental agency has been notified, and acknowledges receipt of notification that the equipment being rented will be used for asbestos related work. This documentation will be submitted to Owner's agent/site representative prior to the equipment being used on the job site.

The penetration area shall be surrounded by a 10 foot wide section of at least 4 mil poly. This poly will help in the cleanup of small roofing material particles which may otherwise be mixed onto the surface of surrounding roof material. If the penetration is within 10 feet of the edge of the roof, poly shall be placed on the ground (or roof) directly below the work area. The Contractor shall secure the poly to the ground using tape, weights, or other means to secure the poly from wind and becoming a trip hazard.

Waste Disposal and Documentation Requirements

31. Roofing waste may be disposed as non-hazardous asbestos waste, in a landfill permitted to accept non-friable, non-hazardous asbestos roofing material. If the asbestos roofing material is currently friable, or becomes friable during its removal, it shall be disposed of in a landfill permitted to accept friable asbestos waste.

It is acceptable to dispose of bagged or sealed roofing waste into open topped dumpsters lined with a single layer of 6 mil poly sheeting. The Contractor shall completely enclose all roofing waste material commonly known as "burrito wrap" in the dumpster using 6 mil poly sheeting. Upon being lowered, unwrapped material shall be transferred to a closed receptacle in such a manner as to preclude the dispersion of dust. In addition to the 6 mil poly sheeting, the top of the dumpster shall be completely enclosed with a tarp which is secured to the vehicle for transport or storage onsite if left overnight. The type of material for the tarp shall meet all requirements for transport of hazardous materials.

32. The Contractor is required to provide to Owner's agent/site representative a copy of the "trip tickets" indicating the actual weight of waste material.

20.5 Vinyl Asbestos Floor Tile (VFT) Removal Requirements

Contractor shall conduct VFT and/or mastic removal within a regulated area as defined by 8 CCR 1529.

1. The doors, windows, and penetrations into the rooms shall be sealed with polyethylene. All ventilation systems shall be locked-out and sealed as critical barriers. An attached three stage decon with operational shower is required. The Scope of Work may require more chambers depending upon the project size.
2. Baseboards shall be removed if necessary to access all VFT. If baseboard mastic contains asbestos, baseboards are not to be disturbed prior to start of abatement.
3. Half-mask respirators, rubber boots, gloves, and disposable coveralls are to be used as a minimum for worker protection.
4. The VFT's must be double bagged in 6 mil poly bags. It is acceptable to place several bags of VFTs into a barrel lined with a second 6 mil poly bag.
5. All VFT's and mastic must be sufficiently wetted with amended water when being lifted off the floor.
6. The mastic layer may be removed either by solvent or wet buffing with a solvent. If a solvent is used, the negative air unit exhaust shall be directed down wind as much as possible, or a sufficient length of exhaust hose will be required to prevent re-entrainment of the vapors. Any solvents used for removing mastic shall be non-toxic low odor and non-flammable. A material safety data sheet for the solvent shall be provided and subject to approval by the project manager prior to use. MSDS must match solvent being used on the current jobsite.
7. During removal of the mastic with solvent or other organic based liquid, combination respiratory cartridges (organic vapor/HEPA) shall be worn to protect against asbestos and the solvent.
8. If floors are removed after walls and ceilings, full enclosure of the walls and ceiling with poly will be required, no matter what method of tile and mastic removal is used. If floors are removed prior to walls and ceilings which will eventually be removed as asbestos containing materials, then critical barriers and splash guards are all that will be required. All surfaces and materials not being removed as asbestos containing material must be covered with poly no matter which order floors walls and ceiling are abated.

9. Following removal of all floor tile and mastic, the contractor shall wash the floors thoroughly using a solution of trisodium phosphate (TSP) and water. Sufficient water shall be used for final rinsing of the floor for a clean finish.
10. If the removal of the floor mastic is on a wood substrate (or this technique is required in the scope of work), contractor is to use a mixture of the low odor mastic removal chemical and diatomaceous earth or (equivalent) to form a paste. Mix the paste to a consistency that will still be effective on the mastic and reduce the absorption of the chemical into the wood substrate, or seepage under casework and into concrete crevasses.
11. No bead blasting or shot blasting is allowed to be performed on these projects.

20.6 Drywall Removal Requirements

1. The doors, windows, and penetrations into the rooms shall be sealed as critical barriers with 6-mil polyethylene. An attached three stage decon with operable shower is required. The Scope of Work may require more chambers depending upon the project size.
- b) Powered air purifying HEPA respirators, rubber boots, gloves, and disposable coveralls are to be used as a minimum for worker protection.
- c) Shut down and lock out all heating, ventilating and air-conditioning-system (HVAC) components that are in, supply or pass through the work area. Seal all intake and exhaust vents in the work area with tape and two layers of 6-mil polyethylene within the work area (interior) and one layer of 6-mil poly on the exterior of the building. Also seal any seams in system components that pass through the work area. Remove all HVAC system filters and place in labeled 6-mil polyethylene bags for storing and eventual disposal as asbestos-contaminated waste.
4. The drywall must be double bagged and "goose-necked" in 6 mil poly bags. It is acceptable to place several "goose-necked" bags of drywall into a barrel lined with a second 6 mil poly bag that is "goose-necked".
5. All drywall must be sufficiently wetted with amended water when being removed.
6. Negative pressure shall be established, maintained and recorded. This shall be verified by using ventilation smoke tubes.
7. Contractor, in conjunction with the District/Owner, shall shut down and lock out electric power to all work areas. Contractor shall provide temporary power and lighting sources, ensure safe installation (including ground faulting) of temporary power sources and equipment by complying with all applicable electrical code requirements and OSHA requirements for temporary electrical systems. Contractor shall have a certified electrician shut down and lock out electric power, and setup temporary power and lighting sources. All cost for electric supply shall be paid for by the District/Owner.
8. Contractor shall have a certified plumber disconnect and cap all water and gas within the work area. Water shall be provided by the District from a location near the work area, but not within the work area.
9. All non-asbestos-containing materials left in the work area shall be covered by two layers of 6-mil polyethylene sheeting. If any non-asbestos containing materials become contaminated with asbestos during removal activities these materials shall be disposed of as asbestos-containing materials by the Contractor.

10. A critical barrier only, negative pressure check shall be required prior to the set-up of interior containment.
11. Cover floors in the work area with polyethylene sheeting. Floor shall be covered with a minimum of two layers of 6-mil polyethylene sheeting. Plastic shall be sized to minimize seams. A distance of at least six (6) feet between seams is sufficient. DO NOT locate any seams at wall/floor joints. Floor sheeting shall extend at least twelve inches (12") up the sidewalls of the work area. Sheeting shall be installed in a fashion so as to prevent slippage between successive layers of material. A layer of 10-mil polyethylene sheeting and/or plywood will be required to protect certain flooring materials -- carpets, hardwood floors, tiles, etc. At no time will wall or ceiling surfaces be permitted to be dropped onto unprotected floors. This includes areas where the floor surfaces contain asbestos.
12. Cover asbestos-containing walls in the work area with polyethylene sheeting if these walls are to remain or if these walls are non-asbestos containing and will remain. Walls shall be covered with a minimum of two layers of 4-mil polyethylene sheeting. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet (6'). DO NOT locate any seams at wall/floor joints. Wall sheeting shall overlap floor sheeting by at least twelve inches (12") beyond the wall/floor joint to provide a better seal against water damage and for pressure differential maintenance. Wall sheeting shall be secured adequately to prevent it from falling away from the walls. This may require additional support/attachment when pressure differential systems are utilized.
13. Cover asbestos -containing ceilings in the work area with polyethylene sheeting if they are to remain or if these ceilings are non-asbestos-containing and will remain. Ceilings shall be covered with a minimum of two layers of 4 mil polyethylene sheeting. Plastic shall be sized to minimize seams. Seams shall be staggered and separated by a distance of at least six feet (6'). DO NOT locate seams at wall/ceiling joints. Ceiling sheeting shall overlap wall sheeting by at least twelve inches (12") beyond the ceiling/wall joint to provide a better seal against water damage and for pressure differential maintenance. Ceiling sheeting shall be secured adequately to prevent it from falling away from the walls. This may require additional support/attachment when pressure differential systems are utilized.
14. If floor tile and drywall are to be removed within the same work area the floor tile and mastic shall be removed first, followed by the drywall removal. If the contractor wishes to submit a different removal work plan it shall be submitted prior to the beginning of the project. The HMS, Inc. Project Manager will review this work plan and respond in writing if it is accepted, or if it is accepted under condition of amendment.
15. Asbestos Abatement Contractor is required to remove nails, screws and/or other wall/ceiling material attachments.
16. Asbestos Abatement Contractor may remove studs with asbestos containing materials still attached, as long as they are to be removed, and are disposed of as asbestos-containing material.
17. Asbestos Abatement Contractor may not cut any sheer wall for any reason, without prior consent from the project Architect.
18. No damage will be permitted to studs that are to remain in place. Wall surfaces are to be peeled away, not pounded. The Contractor shall be financial responsible for any damage caused to studs.
19. Contractor is responsible for clean-up of all texturing and joint compound found on studs and rafter, as well as other surfaces behind, or inset into, the drywall materials.
20. Adhere to other requirements as stated in Sections 1-19, 21 and 22.

21. Following removal of all drywall, the contractor shall encapsulate the area with an encapsulate that is compatible with the reinstallation of wall and/or ceiling surfaces. The floors shall not be encapsulated unless otherwise noted in the Scope of Work, or stipulated by the HMS, Inc. Project Manager.

NOTE: All Specific Procedures and Requirements listed in Section 20 shall be reviewed by the contractor along with the Scope of Work issued for the project. If any perceived conflicts are present between the Scope of Work and these specifications or within the General Requirements specification itself, the contractor shall ask for a written interpretation from the HMS, Inc. Project Manager prior to submission of his bid. If conflicts in the "Scope of Work" and this specification, or with the General Requirements specification itself are discovered after the start of abatement, the more stringent specification and/or requirements will be enforced. The HMS, Inc. Project Manager shall make the determination as to which requirements and/or specifications are more stringent. If the materials to be removed during the course of project do not relate to any of the procedures in Section 20 or multiple materials exist within the work area, the contractor shall follow those procedures outlined in Sections 1-19, 21 and 22.

SECTION 21. PATENTS AND PREVAILING WAGES

21.1 Patents

Contractor shall pay all royalties and license fees required for the performance of the work. Contractor shall defend suits or claims resulting from contractor's or any subcontractor's infringement of patent rights and shall indemnify Owner and Owner's representative from losses on account thereof.

21.2 Prevailing Wage Requirements

The asbestos abatement contractor is fully and totally responsible at all times for compliance with payment of prevailing wage rates pursuant to provisions of the California Labor Code, for compliance with Division 2, Part 7, Chapter 1, California Labor Code, including but not limited to Section 1776; and for compliance with California Labor Code, Section 1777.5 for all apprenticeable occupations.

SECTION 22. PERMITS AND FEES

If any permits are required to be issued for any of the Work to be performed by Contractor, Subcontractor(s) or Sub-subcontractor(s) as part of the Project, it shall be the sole responsibility of the Contractor to expeditiously obtain all such permits and any costs incurred by the Contractor in obtaining such Permits shall be included within the Contract Price.



July 19, 2022

Asbestos & Lead Survey Report

**201 North California Street Inspection
San Joaquin County Office of Education
201 North California Street
Stockton, CA 95202**

Prepared for:

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FACS Project #PJ71482

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List of Acronyms

AAS	Atomic Absorption Spectroscopy
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
CSST	California – Certified Site Surveillance Technician
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
PCM	Phase Contrast Microscopy
PLM	Polarized Light Microscopy
SGS	SGS - Forensic Laboratories
TEM	Transmission Electron Microscopy
TTLC	Total Threshold Limit Concentration
XRF	X-Ray Fluorescence Spectrum Analyzer
<	Less Than Reporting Limit

Executive Summary

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey at 201 North California Street in Stockton, California. The survey included any suspect asbestos-containing materials (ACM), suspect paints and coatings, and a screening for polychlorinated biphenyls (PCBs) which may be present within the building prior to a potential real estate transaction. A summary list of suspect asbestos-containing materials which were identified and sampled is included in Appendix A of this report. A table reporting suspect lead-containing paints or coatings which were identified and sampled is included in Appendix B of this report. The chain-of-custody and laboratory results for PCB sampling are provided in Appendix C. The survey was performed on July 7, 2022.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Thermal System Insulation- 6" (Aircell) – 75% Chrysotile**
- **Thermal System Insulation- 8" (Aircell) – 75% Chrysotile**
- **Hard Elbow- 6" – 30% Chrysotile**
- **Hard Elbow- 8" – 30% Chrysotile**
- **Drywall – Tape and Joint Compound – 2% Chrysotile**

Please see Appendix A for a complete listing of materials sampled at the work areas and results during this survey. Any suspect materials not included must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

Lead

The following paints/coatings were found to be **lead-based** by laboratory analysis:

- **Green Paint on Plaster Walls – 1st Floor**

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- **Brown Paint on Metal Window Frames – Exterior**
- **Brown Paint on Wood Framing – Exterior**
- **Beige Paint on Plaster Walls – 1st & 2nd Floor**
- **Plaster and paint chip debris on floor – Throughout**

Any paints not included in the survey must be handled as lead-containing unless sampled and proven otherwise.

Polychlorinated biphenyls (PCB's)

The purpose of this survey was to assist San Joaquin County Office of Education in sampling Priority Building Materials from the Bay Area Stormwater Management Agencies Association (BASMAA). In addition, this survey was intended to provide information concerning the PCB-containing materials that could require removal and disposal per the U.S. Environmental Protection Agency (USEPA), Region 9, for compliance with 40 CFR 761.

FACS sampled two (2) suspect PCB-containing materials on the structure that will be impacted by the planned activities. The material tested did not have PCBs at concentrations equal to or in excess of 50

milligram per kilogram (mg/kg). No detectable concentrations of PCBs were reported in the two samples collected from the material from the structure.

Various potential PCB-containing light ballasts and mercury light tubes were visually observed during the survey.

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

Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey at 201 North California Street in Stockton, California. The survey included any suspect asbestos-containing materials (ACM), suspect paints and coatings, and a screening for PCB-containing materials which may be present within the building prior to a potential real estate transaction. The survey was performed on July 7, 2022.

Scope of Work

The purpose of this survey was to identify asbestos-containing materials (ACMs), lead-containing paints and coatings, and PCB-containing materials which may be present as part of a real estate transaction. The visual inspection, bulk sampling, and survey documentation were performed by Tyler Faison and Trevor Leitz. Mr. Faison is a Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC #10-6824) and California Department of Public Health (CDPH) Certified Lead Inspector/Assessor (LRC-00002454). Mr. Leitz is a DOSH Certified Site Surveillance Technician (CSST #19-6682) and a California Department of Public Health (CDPH) Certified Lead Sampling Technician (LRC-00003432). Technical oversight was provided by Chris Chipponeri, who is a DOSH Certified Asbestos Consultant (CAC #10-4633) and CDPH Certified Lead Inspector/Assessor (LRC-00000782), as required under California regulations. 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), lead-containing paints and coatings, and PCB-containing materials that were present at the site;
- Collection of bulk material samples for asbestos laboratory analysis by polarized light microscopy (PLM);
- Collection of bulk paint chip samples for lead laboratory analysis using atomic absorption spectrometry (AAS);
- Collection of bulk material samples for PCB laboratory analysis using gas chromatography;
- Ensuring the technical quality of all work by using Asbestos Hazard Emergency Response Act (AHERA) accredited Building Inspectors;
- Ensuring the technical quality of all work by using California Department of Public Health (CDPH) Certified Lead Sampling Technicians and Inspector/Assessors;
- Consolidating data and findings into a report format.

Site Characterization

The structure located at 201 North California Street was comprised of common construction materials such as plaster, brick and mortar, rolled composition roofing, and various insulation materials. The structure was three stories with a basement. The majority of building materials throughout the three floors have been removed prior to this inspection. This includes floor, wall, and ceiling finishes. Remnants of drywall material remains periodically throughout the three floors which was known to be asbestos-containing in prior reports provided to FACS by Warren Sun.

Survey Methods

Document Review

Prior inspection report data was provided by Warren Sun. The data was used to review asbestos containing materials that were abated prior to the inspection.

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 ft² or less - collect 3 samples
 - 1,001 to 5,000 ft² - collect 5 samples
 - 5,001 ft² 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. PJ71482-01A) 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 thirty-nine (39) bulk samples were collected from a total of twenty (20) suspect materials. Bulk samples were analyzed by SGS-Forensic Laboratories (SGS) in Hayward, California. SGS 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 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 six (6) bulk paint chip samples for laboratory confirmation of lead-content. Each sample was scraped from the substrate it had been applied to using a knife or chisel to obtain sufficient material for analysis. Each sample was given a unique marker number, identified on a chain-of-custody, packaged, and sent via FedEx to SGS in Hayward, California for analysis. SGS 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.

PCB Inspection

Polychlorinated Biphenyls (PCBs). Bulk samples of sufficient quantity were collected using disposable blades/box cutters and wrapped in foil and placed in plastic baggies. Disposable blades/box cutters were properly disposed and replaced to avoid cross contamination between samples. Samples were labeled using a unique identification number and transported under chain-of-custody to an AIHA accredited analytical laboratory (Eurofins, Garden Grove, California facility). The samples were prepared in accordance with EPA Method 3540C (Soxhlet extraction), as indicated in the laboratory analytical report, and analyzed in accordance with EPA Method 8082A (gas chromatography). Results of PCB concentrations are provided as Aroclors in mg/kg (ppm). All samples were stored and shipped in a cooler with ice packs.

Regulations

Background

Asbestos is the name of a class of magnesium-silicate minerals that occur in fibrous form. Minerals that are included in this group are chrysotile, crocidolite, amosite, anthophyllite asbestos, tremolite asbestos, and actinolite asbestos. Although the chrysotile minerals are the most common type of asbestos found in the construction industry, all types of asbestos are regulated in the same manner. Asbestos has been used in more than 3,000 different building materials. Asbestos was added to building materials to: increase fire-resistance, insulate against heat, cold and sound, resist corrosion, and increase tensile strength. Common building materials that may contain asbestos include but are not limited to the following: floor tile, resilient sheet flooring, ceiling tile, mastics, roofing materials, fireproofing, acoustical treatments, wallboard, pipe and boiler insulations. Adverse health effects have been associated with the inhalation of airborne asbestos. However, asbestos fibers that are tightly bound in the building material, may not represent an exposure hazard, unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, sanding, and other abrasive methods).

Building Surveys

The following is a summary of some current Federal and California State regulations which contain requirements related to the performance of building surveys for asbestos. These summaries are not intended to be all inclusive and do not contain every aspect of the regulations discussed.

U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAPs), 40 CFR Part 61

Under the NESHAPs regulation, no visible emissions are allowed during building demolition or renovation activities which involve regulated asbestos-containing materials. For this reason, all buildings must be surveyed for asbestos-containing materials prior to demolition or renovation. The EPA, CARB, and/or the local Air Quality Management District which implements EPA actions, must be notified prior to any building demolition even if no asbestos-containing materials are present.

Regulated asbestos-containing material (RACM) is defined as a) any friable material with an asbestos content of greater than one percent, or b) any non-friable material with asbestos content of greater than one percent that will, or could, become friable.

Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Subpart E

AHERA requires performance of asbestos surveys and the development of Asbestos Management Plans for all primary and secondary schools in the United States. Although this regulation applies to primary and secondary schools only, the procedures mandated under AHERA are considered the industry

standard and are applied to all surveys performed by FACS unless otherwise specified by the building owner.

Worker Protection

California Assembly Bill AB3713, Health and Safety Code Division 20, Chapter 10.4, Section 25915-25924

The state of California has enacted legislation that requires building owners, employers, lessees, etc. to notify tenants, employees and contractors of the presence of asbestos in both friable and non-friable forms. In addition, preventive maintenance activities must be developed and communicated to these parties. Notification is required 15 days after the identification of ACM in the building, and annually thereafter.

Occupational Safety and Health Administration (OSHA) 29 CFR 1926.1101 and 8 CCR 1529

The Federal and State Occupational Safety and Health Administrations (OSHA) require employers to implement specific work practices which protect workers from airborne asbestos exposure.

Building materials which contain even low levels of asbestos (<1%) can potentially generate significant concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately address worker health and safety during planned renovation or demolition activities involving these materials. Cal/OSHA defines asbestos-containing construction materials as those materials having greater than one tenth of one percent asbestos (>0.1%). As stated previously, there is currently no viable method to accurately quantify asbestos at this level.

Hazardous Waste

Building materials reported to contain less than one percent (<1%) of asbestos are not considered hazardous by the U.S. EPA, and hence, may not require removal and disposal prior to demolition or renovation. Regulations may vary, however, between regional air quality management districts and/or other state agencies responsible for implementing EPA's rules. Therefore, local agencies should be contacted for specific ACM definitions and handling requirements. Cal/OSHA may also require special packaging and labeling on containers with asbestos-containing construction materials.

Composite sampling, which may potentially reduce the total asbestos content of the material, is only permitted when sampling joint compound, tape, and gypsum wallboard according to EPA's Asbestos NESHAP Clarification Regarding Analysis of Multi-Layered Systems (40 CFR Part 61 FRL-4821-7).

Lead

Cal/OSHA Lead (8 CCR 1532.1) & CDPH (Title 17)

If paints or coatings containing any detectable concentration of lead will be impacted, a project should be considered regulated by Cal/OSHA as lead-related construction (8 CCR 1532.1).

A contractor who has employees that may be occupationally exposed to lead during a project must perform an initial determination regarding worker exposures to lead, which may be based on personal air monitoring at the start of the project, prior employee monitoring from the past 12 months under workplace conditions closely resembling the current project, or objective data demonstrating that exposures will not exceed the Cal/OSHA action level (30 micrograms per cubic meter of air). It is the contractor's responsibility to conduct their initial determination and comply with any relevant Cal/OSHA requirements.

Workers disturbing existing paints or coatings during a project must have lead awareness or action level training depending on the initial exposure determination and lead-safe work practices must be used. Disturbance of lead-containing paints or coatings must be performed within a contained area to prevent the spread and build-up of lead dust in order to comply with CDPH requirements. HEPA vacuums, dustless tools or shrouds, and/or intact removal of components should be employed to minimize lead dust generation and properly cleanup work areas following disturbance to lead-containing materials during a project. Waste generated during disturbance to lead-containing materials must be profiled in a hazardous waste determination to ascertain proper disposal requirements.

If the initial determination or initial exposure monitoring shows that workers impacting lead can be expected to be or are shown to be exposed to lead above the Cal/OSHA permissible exposure level (50 micrograms per cubic meter of air) workers and supervisors must have the requisite training and CDPH lead worker or supervisor certification.

Findings and Recommendations

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey of 201 North California Street in Stockton, California.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Thermal System Insulation- 6" (Aircell) – 75% Chrysotile**
- **Thermal System Insulation- 8" (Aircell) – 75% Chrysotile**
- **Hard Elbow- 6" – 30% Chrysotile**
- **Hard Elbow- 8" – 30% Chrysotile**
- **Drywall – Tape and Joint Compound – 2% Chrysotile**

Please see Appendix A for a complete listing of materials sampled at the work areas and results during this survey. Any suspect materials not included must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

Removal of more than 100 square feet of asbestos-containing materials must be completed by a contractor registered with DOSH as an asbestos abatement contractor. The contractor must also hold the C-22 asbestos abatement license from the CSLB to perform abatement of more than 100 square feet of asbestos-containing materials.

Workers abating asbestos-containing materials must have AHERA Worker training and one worker shall be trained to the AHERA Contractor-Supervisor level. Workers will need to use containment, work practices, and engineering controls as required by Cal/OSHA for the various classes of work that may be required to be performed. The contractor performing abatement must also file a "report of use" temporary worksite notification to the local Cal/OSHA office at least 24 hours prior to mobilizing to the site.

The US EPA NESHAP regulation requires the abatement of asbestos-containing materials that are friable or likely to become friable by forces impacting them as part of any renovation activities. If more than 160 square feet of RACM will be generated by the project, a 10-working day notification must be filed with the San Joaquin Valley Air Pollution Control District prior to work commencing onsite. Those materials that are friable, or non-friable materials made friable during removal, would need to be

disposed of as hazardous (regulated) asbestos-containing material. Non-friable materials that are not made friable may be disposed of as non-hazardous asbestos-containing waste material at a landfill that will accept the waste.

See the Regulations section above for additional information regarding asbestos compliance.

Lead

The following paints/coatings were found to be **lead-based** by laboratory analysis:

- **Green Paint on Plaster Walls – 1st Floor**

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- **Brown Paint on Metal Window Frames – Exterior**
- **Brown Paint on Wood Framing – Exterior**
- **Beige Paint on Plaster Walls – 1st & 2nd Floor**
- **Plaster and paint chip debris on floor – Throughout**

Any paints not included in the survey must be handled as lead-containing unless sampled and proven otherwise.

Workers that impact paints containing any detectable amount of lead must use lead-safe practices and have valid training for the method of impact to comply with Cal/OSHA, 8 CCR 1532.1. To comply with CDPH requirements, any disturbance to paints or coatings that contain lead must be completed within a contained area to prevent the creation of a lead hazard. To comply with California Department of Toxic Substance Control and Title 22 requirements, any waste streams containing lead must be profiled prior to disposal. See the Regulations section above for additional information regarding lead compliance.

Polychlorinated Biphenyls (PCBs)

All sampled materials were found to not contain PCBs. 40 CFR 761 states that if a material contained PCBs at concentrations <50 mg/kg at the time of installation, then that material is an excluded PCB product and not subject to the requirements of the rule. These materials were defined as excluded PCB products in the Waste Plan that was submitted to US EPA Region 9. The following suspect materials were sampled:

1. Fiberglass Insulation – Pipes
2. Fiberglass Insulation – Boiler

The materials tested did not have PCBs at concentrations equal to or in excess of 50 mg/kg. No detectable concentrations of PCBs were reported in the samples collected from the structure.

Concealed suspect PCB-containing materials may be revealed during demolition activities. Any such materials should be assumed to be PCB-containing at concentrations ≥ 50 mg/kg unless proven otherwise by appropriate sampling and laboratory analysis. Any assumed or confirmed PCB-containing materials must be addressed in accordance with all applicable Federal, State, and local regulatory requirements.

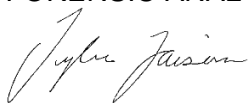
FACS recommends that the results of this report be incorporated into any renovation/demolition plans provided for this project for informational purposes.

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.

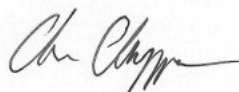
Please do not hesitate to contact our office at 209-551-2000 with any questions or concerns. Thank you for the opportunity to assist San Joaquin County Office of Education with promoting worker safety and a healthy environment.

Respectfully,
FORENSIC ANALYTICAL



Tyler Faison
Assistant Director, Central Valley Offices
Cal/OSHA CAC #16-6824
CDPH I/A #LRC-00002454

Reviewed by:
FORENSIC ANALYTICAL



Chris Chipponeri
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CDPH I/A #LRC-00000782

Appendix A

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

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022						
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)	Asbestos NESHAP Category	Approximate Quantity (ft ²)
01A-01C	TSI Straight – 6” (Aircell)	Basement / Third Floor	01	Layer: 75% Chrysotile in White Fibrous Material Layer: ND in White Woven Material	RACM / Friable	120 In ft
02A	TSI Elbow – 6”	Basement / Third Floor	02	Layer: 30% Chrysotile in Grey Semi-Fibrous Material Layer: ND in White Woven Material	RACM / Friable	12 ea.
03A-03C	TSI Straight – 8” (Aircell)	Basement / Third Floor	03	Layer: 75% Chrysotile in White Fibrous Material Layer: ND in White Woven Material	RACM / Friable	200 In ft
04A	TSI Elbow – 8”	Basement / Third Floor	04	Layer: 30% Chrysotile in Grey Semi-Fibrous Material Layer: ND in White Woven Material	RACM / Friable	22 ea.
05A, 05B	Floor Filler	First Floor	05	N/A	N/A	N/A
06A	Floor Underlayment	First Floor	06	N/A	N/A	N/A
07A-07D	Plaster	First Floor	07	N/A	N/A	N/A
08A	16” Brick and Mortar	Basement	08	N/A	N/A	N/A

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022						
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)	Asbestos NESHAP Category	Approximate Quantity (ft ²)
09A-09D	Drywall - Unfinished	First Floor – Third Floor	09	N/A	N/A	N/A
10A-10C	Drywall – Tape and Joint Compound	Basement	10	Layer: White Drywall ND Layer: Off-White Joint Compound Chrysotile 2 % Layer: Drywall Tape ND Layer: Off-White Joint Compound Chrysotile 2 % Layer: Paint ND	RACM / Friable	2,160 sq ft
11A	4" Baseboard and Mastic - Green	First Floor	11	N/A	N/A	N/A
12A	12" VFT and Mastic - Red	First Floor	12	N/A	N/A	N/A
13A	Toilet Gasket	Third Floor	13	N/A	N/A	N/A
14A	Linoleum and Mastic - Red	First Floor	14	N/A	N/A	N/A
15A-15C	Texture on Plaster	First Floor	15	N/A	N/A	N/A
16A-16C	Brick and Mortar	First Floor	16	N/A	N/A	N/A
17A	Linoleum and Mastic – Beige	First Floor	17	N/A	N/A	N/A
18A	Linoleum and Mastic – Blue Pebble	First Floor	18	N/A	N/A	N/A

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022						
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)	Asbestos NESHAP Category	Approximate Quantity (ft ²)
19A-19C	Rolled Composition Roofing	Roof	19	N/A	N/A	N/A
20A	Penetration Mastic - Black	Roof	20	N/A	N/A	N/A

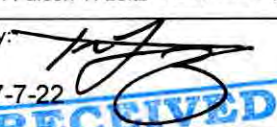
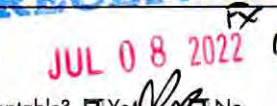


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Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 / 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 01A	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 01B	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 01C	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 02A	7-7-22	TSI Elbow - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03A	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03B	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03C	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 04A	7-7-22	TSI Elbow - 8" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05A	7-7-22	Floor Filler 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05B	7-7-22	Floor Filler 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By: 	Relinquished By:	Relinquished By:	
Date / Time: 7-7-22	Date / Time:	Date / Time:	
Received By: 	Received By:	Received By:	
Date / Time: JUL 08 2022 11:36	Date / Time:	Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464





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Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 / 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 06A	7-7-22	Flooring Underlayment 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07A	7-7-22	Plaster 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07B	7-7-22	Plaster 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07C	7-7-22	Plaster 2nd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07D	7-7-22	Plaster 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 08A	7-7-22	16" Red Brick Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09A	7-7-22	Drywall - Unfinished 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09B	7-7-22	Drywall - Unfinished 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09C	7-7-22	Drywall - Unfinished 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09D	7-7-22	Drywall - Unfinished 2nd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By: 		Relinquished By:	
Date / Time: 7-7-22		Date / Time:	
Received By: 		Received By:	
Date / Time: JUL 08 2022		Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="text" value="400"/> - <input type="text" value="1000"/> / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 10A	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 10B	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 10C	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 11A	7-7-22	4" Baseboard & Mastic - Green 1st Floor - NW Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 12A	7-7-22	12" VFT - Red 1st Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 13A	7-7-22	Toilet Gasket 3rd Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 14A	7-7-22	Linoleum & Mastic - Red 1st Floor - East Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15A	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15B	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15C	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:		Relinquished By:	
Date / Time: 7-7-22		Date / Time:	
Received By:		Received By:	
Date / Time: JUL 08 2022 11:36		Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project		
Comments:		<input type="checkbox"/> Metals Analysis Matrix: Method: <input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only		

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 16A	7-7-22	Brick & Mortar 2nd Floor	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 16B	7-7-22	Brick & Mortar 1st Floor	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 16C	7-7-22	Brick & Mortar Exterior - West Center	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 17A	7-7-22	Linoleum - Beige 1st Floor - West Center	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 18A	7-7-22	Linoleum - Blue Pebble 1st - NW Corner	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19A	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19B	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19C	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 20A	7-7-22	Penetration Mastic - Black Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By: 		Relinquished By:	
Date / Time: 7-7-22		Date / Time:	
Received By: 		Received By:	
Date / Time: JUL 08 2022 11:56		Date / Time:	
Condition Acceptable? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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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 - Modesto
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: MOD08
Report Number: B335482
Date Received: 07/08/22
Date Analyzed: 07/15/22
Date Printed: 07/15/22
First Reported: 07/15/22

Job ID/Site: PJ71482; San Joaquin County Office of Education Building 201 North California Street Stockton CA
Date(s) Collected: 07/07/2022

SGSFL Job ID: MOD08
Total Samples Submitted: 39
Total Samples Analyzed: 39

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-01A	12584378						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							
PJ71482-01B	12584379						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							
PJ71482-01C	12584380						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							
PJ71482-02A	12584381						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							
PJ71482-03A	12584382						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: Silver Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							
PJ71482-03B	12584383						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)							

Client Name: FACS - Modesto**Report Number:** B335482**Date Printed:** 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-03C	12584384						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: Silver Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-04A	12584385						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-05A	12584386						
Layer: White Non-Fibrous Material			ND				
Layer: Grey Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-05B	12584387						
Layer: White Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-06A	12584388						
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (90 %)							
PJ71482-07A	12584389						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-07B	12584390						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-07C	12584391						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

Client Name: FACS - Modesto

Report Number: B335482

Date Printed: 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-07D	12584392						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-08A	12584393						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-09A	12584394						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09B	12584395						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09C	12584396						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09D	12584397						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-10A	12584398						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Drywall Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-10B	12584399						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Drywall Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: FACS - Modesto**Report Number:** B335482**Date Printed:** 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-10C	12584400						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)	Fibrous Glass (10 %)						
PJ71482-11A	12584401						
Layer: Green Non-Fibrous Material			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-12A	12584402						
Layer: Red Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-13A	12584403						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Non-Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-14A	12584404						
Layer: Red Paint			ND				
Layer: Tan Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Dark Brown Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)	Synthetic (10 %)						
PJ71482-15A	12584405						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-15B	12584406						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							

Client Name: FACS - Modesto

Report Number: B335482

Date Printed: 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-15C	12584407						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16A	12584408						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16B	12584409						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16C	12584410						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-17A	12584411						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
PJ71482-18A	12584412						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
PJ71482-19A	12584413						
Layer: White Roof Shingle			ND				
Layer: White Roof Shingle			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							

Client Name: FACS - Modesto

Report Number: B335482

Date Printed: 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-19B	12584414						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
PJ71482-19C	12584415						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
PJ71482-20A	12584416						
Layer: Black Mastic			ND				
Layer: Silver Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
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 Paint Chip Summary, Sample Chain-of-Custody, Laboratory Results Report, XRF Testing Data and CDPH 8552 Form

Lead Paint Chip Summary (Lab Report #M243302) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022					
Sample Number	Component Location	Component	Color	Substrate	Analytical Results (weight percent of lead)
01Pb	Exterior	Window Frame	Brown	Metal	0.082%
02Pb	Exterior	Framing	Brown	Wood	0.012%
03Pb	2 nd Floor	Wall	Beige	Plaster	0.008%
04Pb	1 st Floor	Wall	Green	Plaster	0.78%
05Pb	1 st Floor	Wall	Brown	Plaster	0.25%
06Pb	1 st Floor / 2 nd Floor	Floor			0.006%



**FORENSIC
LABORATORIES**

Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Ave Modesto, CA 95354		Client No.: Mod08	PO / Job#: PJ71482	Date: 7.7.2022
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input checked="" type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 / 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 N California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input checked="" type="checkbox"/> Metals Analysis Matrix: S Method: FLAME AA Analytes: Pb		

Comments: ☐ Silica in Air ☐ w/Gravimetry ☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 01Pb	7.7.2022	Brown Paint on Metal Window Frame Exterior - South Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 02Pb	7.7.2022	Brown Paint on Wood Framing Exterior - West Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03Pb	7.7.2022	Beige Paint on Plaster 2nd Floor - North Side near stairway	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 04Pb	7.7.2022	Green Paint on Plaster 1st Floor - South Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05Pb	7.7.2022	Brown Paint on Plaster 1st Floor - West Side, South End	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 06Pb	7.7.2022	Plaster and paint chip debris on floor 1st Floor - North Side near stairway	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: Tyler Faison		Date/Time: 7.7.2022	Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:		Relinquished By:		Relinquished By:
Date / Time: 7.7.2022		Date / Time:		Date / Time:
Received By:		Received By:		Received By:
Date / Time: JUL 08 2022 11:30		Date / Time:		Date / Time:
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.
 San Diego Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274
 Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417
 Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040
 Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

Metals Analysis of Paints

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

FACS - Modesto

Tyler Faison

21228 Cabot Blvd.

Hayward, CA 94545

Client ID: MOD08

Report Number: M243302

Date Received: 07/08/22

Date Analyzed: 07/15/22

Date Printed: 07/15/22

First Reported: 07/15/22

Job ID / Site: PJ71482; San Joaquin County Office of Education Building 201 North California
Street Stockton CA

Date(s) Collected: 7/7/22

SGSFL Job ID: MOD08

Total Samples Submitted: 6

Total Samples Analyzed: 6

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PJ71482-01PB	30908544	Pb	0.082	wt%	0.006	EPA 3050B/7000B
PJ71482-02PB	30908545	Pb	0.012	wt%	0.006	EPA 3050B/7000B
PJ71482-03PB	30908546	Pb	0.008	wt%	0.006	EPA 3050B/7000B
PJ71482-04PB	30908547	Pb	0.78	wt%	0.06	EPA 3050B/7000B
PJ71482-05PB	30908548	Pb	0.25	wt%	0.02	EPA 3050B/7000B
PJ71482-06PB	30908549	Pb	0.006	wt%	0.006	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.



Kevin Poon, Laboratory Analyst, Hayward Laboratory

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Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.


LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** July 7, 2022**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)] 201 N California Street		City Stockton	County San Joaquin	Zip Code 95202
Construction date (year) of structure Unknown	Type of structure <input checked="" type="checkbox"/> Multi-unit building <input 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 San Joaquin County Office of Education		Telephone number 209-468-9102		
Address [number, street, apartment (if applicable)] 2922 Transworld Drive		City Stockton	State CA	Zip Code 95206

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 Tyler Faison		Telephone number 209-551-2000		
Address [number, street, apartment (if applicable)] 207 McHenry Ave		City Modesto	State CA	Zip Code 95354
CDPH certification number I/A LRC-00002454	Signature 		Date 7.20.2022	

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

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

PCB Sample Chain-of-Custody and Laboratory Results Report

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-102798-1

Client Project/Site: SJCOE-201 N California St. / PJ71482

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Tyler Faison



Authorized for release by:

7/15/2022 10:15:13 AM

Carla Hollowell, Project Manager I
(714)895-5494

Carla.Hollowell@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Job ID: 570-102798-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-102798-1

Comments

No additional comments.

Receipt

The samples were received on 7/12/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 20.7° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PJ71482-PCB1 (Fiberblass) (570-102798-1), PJ71482-PCB2 (Fiberblass) (570-102798-2), (570-102798-A-1 MS) and (570-102798-A-1 MSD). The reporting limits (RLs) have been adjusted proportionately. The initial amount weighed was changed from 20g to 1g; 8082

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Date Collected: 07/07/22 10:30

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.89	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1221	ND		0.90	0.89	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1232	ND		0.90	0.89	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1242	ND		0.90	0.89	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1248	ND		0.90	0.89	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	✱	07/13/22 10:50	07/15/22 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 06:23	1
Tetrachloro-m-xylene (Surr)	86		25 - 126	07/13/22 10:50	07/15/22 06:23	1

Client Sample ID: PJ71482-PCB2 (Fiberblass)

Date Collected: 07/07/22 10:32

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.89	0.87	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1221	ND		0.89	0.87	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1232	ND		0.89	0.87	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1242	ND		0.89	0.87	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1248	ND		0.89	0.87	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1254	ND		0.89	0.48	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1260	ND		0.89	0.48	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1262	ND		0.89	0.48	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1268	ND		0.89	0.48	mg/Kg	✱	07/13/22 10:50	07/15/22 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 06:42	1
Tetrachloro-m-xylene (Surr)	83		25 - 126	07/13/22 10:50	07/15/22 06:42	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

General Chemistry

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Date Collected: 07/07/22 10:30

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			07/13/22 21:48	1
Percent Solids	99.8		0.1	0.1	%			07/13/22 21:48	1

Client Sample ID: PJ71482-PCB2 (Fiberblass)

Date Collected: 07/07/22 10:32

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.1		0.1	0.1	%			07/13/22 21:48	1
Percent Solids	99.9		0.1	0.1	%			07/13/22 21:48	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-102798-1	PJ71482-PCB1 (Fiberblasse)	93	86
570-102798-1 MS	PJ71482-PCB1 (Fiberblasse)	93	85
570-102798-1 MSD	PJ71482-PCB1 (Fiberblasse)	89	80
570-102798-2	PJ71482-PCB2 (Fiberblasse)	93	83
LCS 570-248885/2-A	Lab Control Sample	97	80
LCSD 570-248885/3-A	Lab Control Sample Dup	94	79
MB 570-248885/1-A	Method Blank	93	78

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-248885/1-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 248885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1221	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1232	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1242	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1248	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 04:48	1
Tetrachloro-m-xylene (Surr)	78		25 - 126	07/13/22 10:50	07/15/22 04:48	1

Lab Sample ID: LCS 570-248885/2-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	0.100	0.09476		mg/Kg		95	50 - 142
Aroclor-1260	0.100	0.1077		mg/Kg		108	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	97		20 - 155
Tetrachloro-m-xylene (Surr)	80		25 - 126

Lab Sample ID: LCSD 570-248885/3-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	0.100	0.09458		mg/Kg		95	50 - 142	0	30
Aroclor-1260	0.100	0.1001		mg/Kg		100	50 - 150	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	94		20 - 155
Tetrachloro-m-xylene (Surr)	79		25 - 126

Lab Sample ID: 570-102798-1 MS

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1.89	1.861		mg/Kg	☼	98	20 - 175
Aroclor-1260	ND		1.89	2.221		mg/Kg	☼	117	20 - 180

Eurofins Calscience

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-102798-1 MS

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Prep Batch: 248885

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		20 - 155
Tetrachloro-m-xylene (Surr)	85		25 - 126

Lab Sample ID: 570-102798-1 MSD

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1.76	1.564		mg/Kg	⊛	89	20 - 175	17	40
Aroclor-1260	ND		1.76	1.930		mg/Kg	⊛	110	20 - 180	20	40

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	89		20 - 155
Tetrachloro-m-xylene (Surr)	80		25 - 126

Method: Moisture - Percent Moisture

Lab Sample ID: 570-102798-1 DU

Matrix: Solid

Analysis Batch: 249097

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	0.2		0.2		%		1	10
Percent Solids	99.8		99.8		%		0	10

Lab Chronicle

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Lab Sample ID: 570-102798-1

Date Collected: 07/07/22 10:30

Matrix: Solid

Date Received: 07/12/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.11 g	10 mL	248885	07/13/22 10:50	USUL	ECL 4
Total/NA	Analysis	8082		1			249144	07/15/22 06:23	AJ2Q	ECL 4
		Instrument ID: GC81A								
Total/NA	Analysis	Moisture		1			249097	07/13/22 21:48	UAPD	ECL 4
		Instrument ID: BAL62								

Client Sample ID: PJ71482-PCB2 (Fiberblasse)

Lab Sample ID: 570-102798-2

Date Collected: 07/07/22 10:32

Matrix: Solid

Date Received: 07/12/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.13 g	10 mL	248885	07/13/22 10:50	USUL	ECL 4
Total/NA	Analysis	8082		1			249144	07/15/22 06:42	AJ2Q	ECL 4
		Instrument ID: GC81A								
Total/NA	Analysis	Moisture		1			249097	07/13/22 21:48	UAPD	ECL 4
		Instrument ID: BAL62								

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 4
Moisture	Percent Moisture	EPA	ECL 4
3540C	Soxhlet Extraction	SW846	ECL 4

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-102798-1	PJ71482-PCB1 (Fiberblasse)	Solid	07/07/22 10:30	07/12/22 10:00
570-102798-2	PJ71482-PCB2 (Fiberblasse)	Solid	07/07/22 10:32	07/12/22 10:00

Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-102798-1

Login Number: 102798

List Source: Eurofins Calscience

List Number: 1

Creator: Patel, Jayesh

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix D

Site Photos and Sample Location Drawing



TSI Straight – 6" Aircell



Boiler (fiberglass insulation)



Drywall – Tape and Joint Compound (Basement)



Light ballasts and mercury tubes



Rolled composition roofing



Roofing penetration mastic



Third floor – TSI Straights



Third floor finishes removed



Third floor – TSI Straights



Brick and Mortar



First floor – debris on the floor (lead containing)



Plaster Ceiling – first floor

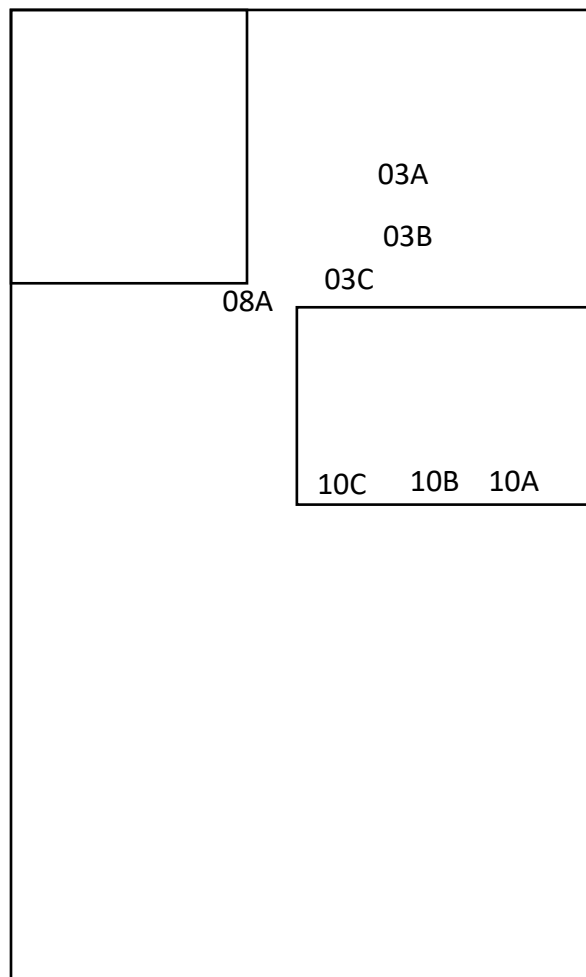


Forensic Analytical Consulting Services

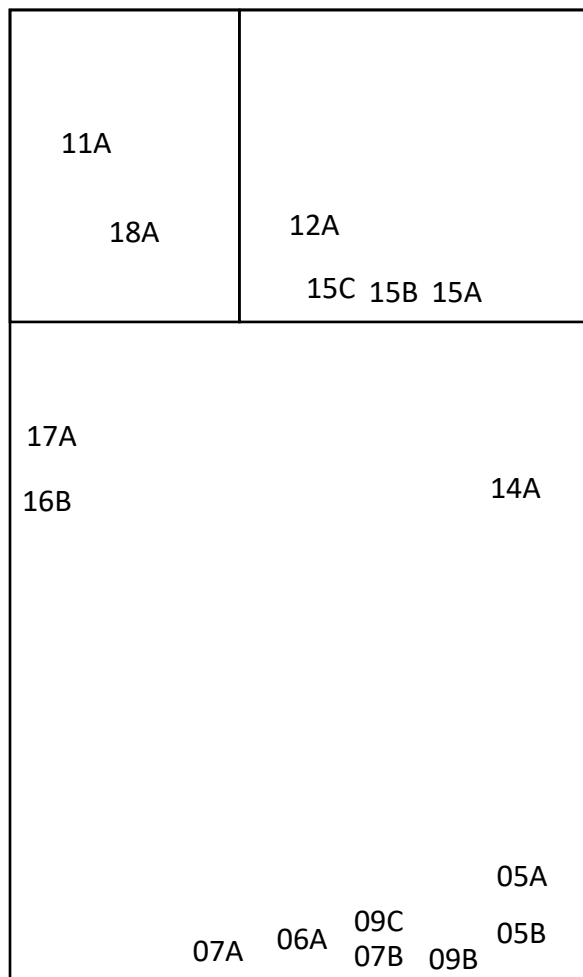
FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
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Basement



First Floor



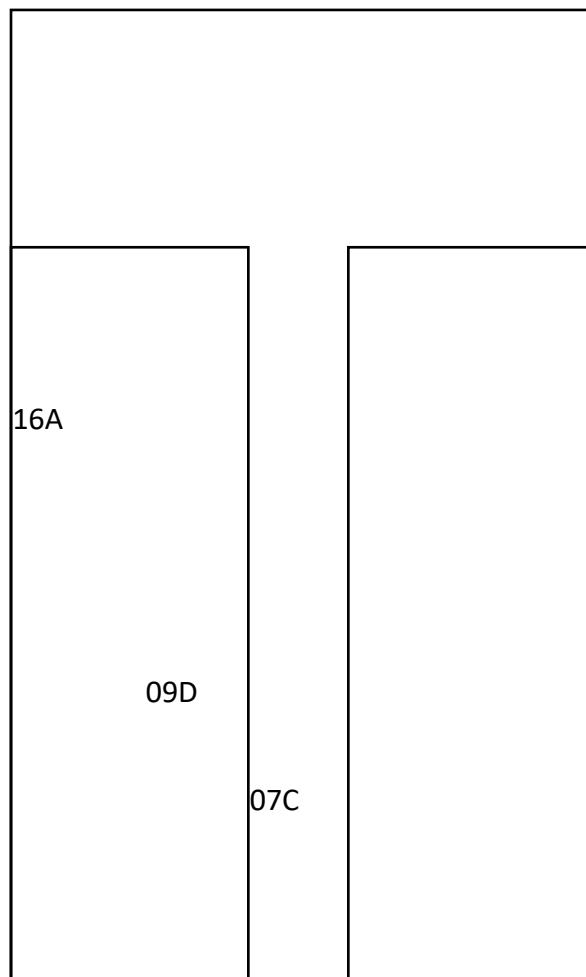


Forensic Analytical Consulting Services

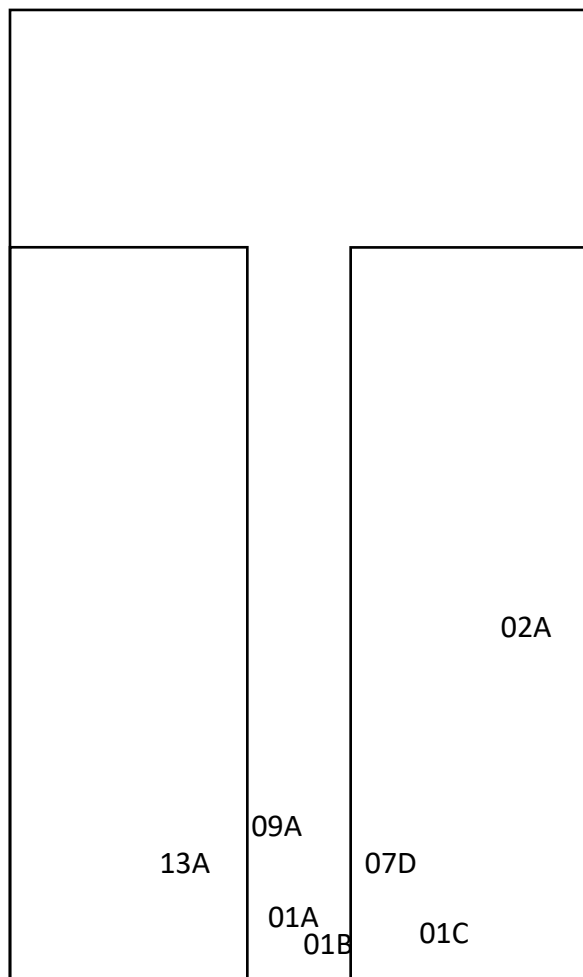
FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
----------------------------	-----------------------	---	--------	---



2nd Floor



3rd Floor



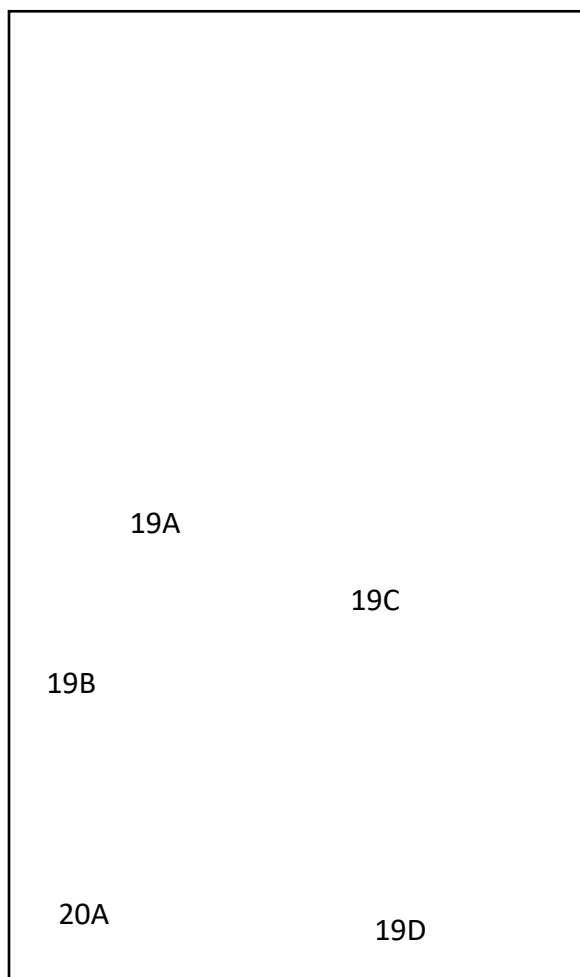


Forensic Analytical Consulting Services

FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
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Roof



Appendix E

Certifications of Personnel and Laboratories

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> actu@dir.ca.gov



008186824C

461

463

February 01, 2022

Tyler J Faison
3417 Switzer Avenue
Modesto CA 95350

Dear Certified Asbestos Consultant or Technician:

Congratulations, you have passed your certification examination!

Enclosed is your certification card. **To maintain your certification, please 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 in accordance with Title 8, California Code of Regulations, Division 1, Chapter 3.2, Article 2.6, Section 341.15(h) (1).

Please keep and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please submit 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

State of California Division of Occupational Safety and Health Certified Asbestos Consultant	
Tyler J Faison	
Name	
Certification No.	10-6824
Expires on	01/21/23
This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.	



Forensic Analytical Consulting Services, Inc.

This is to confirm that

Tyler Faison

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, 2021

Certificate Number: FACSBIR1142

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06



A handwritten signature in black ink, reading "David B. McGrath", is positioned above the printed name and title of the Corporate Training Director.

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Tyler Faison

CERTIFICATE TYPE:

Lead Inspector/Assessor
Lead Project Monitor

NUMBER:

LRC-00002454
LRC-00002383

EXPIRATION DATE:

8/13/2022
12/26/2021

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

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & 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



910116682T

453

Forensic Analytical Consulting Services
Trevor T Leitz
207 McHenry Avenue
Modesto CA 95354

December 29, 2021

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 (Revised 06/2020)



Forensic Analytical Consulting Services, Inc.

This is to confirm that

Trevor T. Leitz

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, 2021

Certificate Number: FACSBIR1144

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06



A handwritten signature in blue ink, reading "David B. McGrath", is positioned above the printed name and title of the Corporate Training Director.

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Trevor Leitz

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003432

EXPIRATION DATE:

10/4/2022

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

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos Certification

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

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

005174633C

339

May 11, 2022

Christopher J Chipponeri
1401 Louise Avenue
Modesto CA 95350

Dear Certified Asbestos Consultant or Technician:

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

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

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

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

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

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached



Forensic Analytical Consulting Services, Inc.

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, 2021

Certificate Number: FACSBIR1140

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06



A handwritten signature in black ink, reading "David B. McGrath", is positioned above the printed name and title of the Corporate Training Director.

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

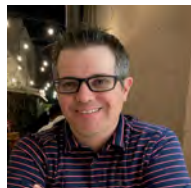


STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Chris Chipponeri

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00000782

EXPIRATION DATE:

6/20/2023

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

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 Communique dated January 2009).*

2022-07-01 through 2023-06-30

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

3777 Depot Road, Suite 409

Hayward, CA 94545-2761

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 101459-0

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

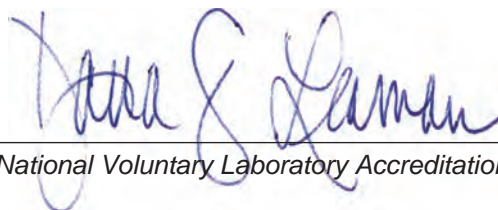
Airborne Asbestos Analysis

Code

Description

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

**Right People
Right Perspective
Right Now**

www.forensicanalytical.com

FACS, Inc.

Section Two FACS, Inc. Documentation

Items marked with a check mark in the ***Supplied*** column are provided in this section.

Items marked ***Not Applicable*** were not applicable on this project and are not provided.

Items marked ***Owner May Supply*** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked ***Contractor Failed to Provide*** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
2A. FACS, Inc. Daily Logs	X			
2B. Bulk Sample Chains of Custody & Result Reports		X		
2C. Ambient Air Sample Chains of Custody & Result Reports		X		
2D. Clearance Air Sample Chains of Custody & Result Reports	X			
2E. Miscellaneous Chains of Custody & Result Reports		X		
2F. Laboratory Accreditations	X			
2G. Visual Inspection Report Forms	X			
2H. Containment Summaries	X			
2I. Clean Item Pass Out Forms		X		

2J. Material Removal Amount Forms		X		
2K. Remaining Hazardous Waste Material Forms		X		
2L. Relevant Communications		X		
2M. Initial Inspection Report	X			
2N. Rotameter Calibrations	X			
2O. FACS, Inc. Employee Accreditations/Certifications/Licenses	X			
2P. FACS, Inc. Contract, P.O. or Proposal	X			

Section 2 – FACS, Inc. Documentation

2A. FACS, Inc. Daily Logs

Project Manager's Daily Log

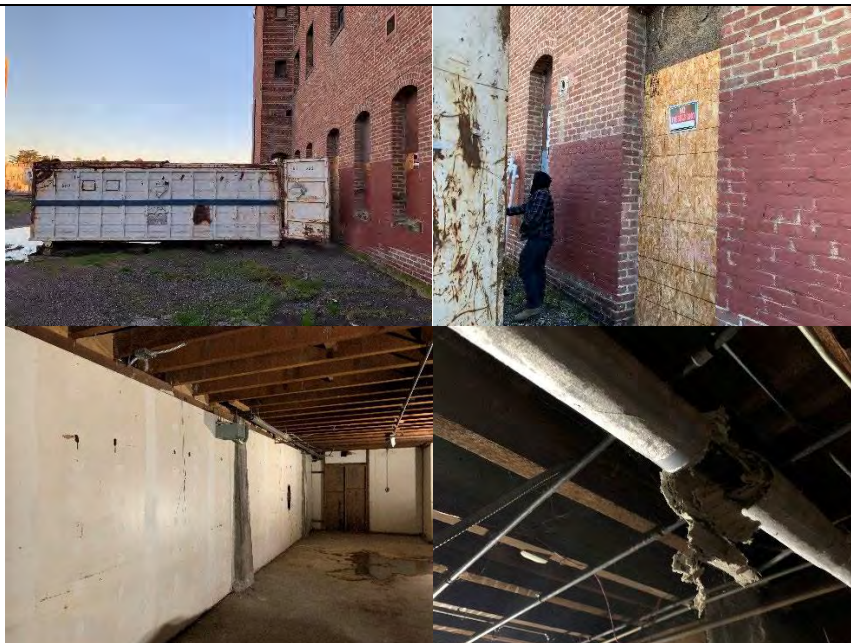
Date: February 5, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Client: San Joaquin County Office of Education Contact: Tim Sutton
Phone: 209-468-9073 Fax: _____
Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 4
Phone: (559) 233-7156 Fax: (559) 233-4284
Other Contact Info: _____



Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____
Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____
Start Time: 0655 End Time: 1230

Time	Detail of Work
0655	Chris Chipponeri of FACS arrives onsite. PARC Environmental waste hauler and supervisor arrive shortly after. Chris makes contact with SJCOE personnel to gain access to a key lockbox and combination code for fencing lock so PARC can get access.
0725	PARC has dropped their waste bin at a doorway on the west side of the building, within the fenced off area of the lot. Chris escorts the supervisor and worker onsite through the building to show them the scope of work to be completed for the project. This includes abatement of asbestos-containing thermal system insulation (TSI) on pipes in the basement, 2 nd floor (limited to a single space) and throughout the 3 rd floor. There is also asbestos-containing drywall in the basement of the building. For lead work, they will be taking the plaster off the walls and ceilings where it remains, mostly at the first floor and north stairwell area.



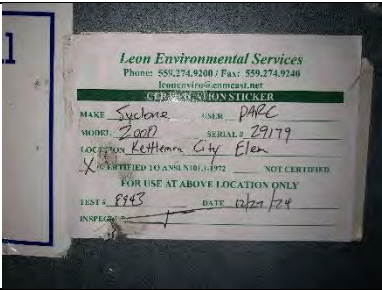




Project Manager's Daily Log

Date: February 5, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Time	Detail of Work
	
0755	Two more PARC workers arrived while walking through the building. PARC is going to start opening up the doorway where they placed their waste bin for access to the building and then start unloading equipment and supplies. The PARC office has provided worker certifications and all four workers onsite are clear to work.
0850	PARC has moved supplies into the 1 st floor of the building. They have setup lights in the basement and the generator providing power is setup outside the building. There are three workers starting to put on PPE so they can go into the basement and start with setup of containment. Some of the setup will involve pre-cleaning surfaces to allow attachment of containment barriers and limit intake of particulate into the containment area as part of the make-up air.
0945	PARC workers are inside the basement setting up containment barriers. PARC has installed two 2000 CFM negative air machines in the basement and removed a portion of the floor to allow them to be exhausted out to the exterior of the building through the doorway they are using currently. PARC is working from the south side of where asbestos is present and moving towards the north side of the basement.
	

Project Manager's Daily Log

Date: February 5, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Time	Detail of Work
	 
1030	PARC is continuing setup of the containment area. There are currently two workers in the basement doing active setup. One is still setting out supplies and equipment while the last worker left the site for ladders.
1100	PARC is breaking for lunch. Some of the crew is going to be remaining onsite and FACS will remain onsite as well to help ensure the building / project area remains secure.
1200	PARC is back onsite and workers are continuing the construction of containment in the basement. Workers are using spray glue to seal the poly to the floor and wall surfaces as needed. They then tape the poly to secure it completely and in an airtight fashion.
1230	PARC is continuing setup. Since they will be just setting up poly for the remainder of the day, FACS is leaving the site. PARC has the key to secure the building and code for the combination lock so they can secure the site when finished with their work for the day.
	  



Chris Chipponeri

Project Manager's Daily Log

Date: February 6, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Client: San Joaquin County Office of Education Contact: Tim Sutton
Phone: 209-468-9073 Fax: _____
Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 6
Phone: (559) 233-7156 Fax: (559) 233-4284
Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____
Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____
Start Time: 0700 End Time: _____


Time	Detail of Work
0700	Chris Chipponeri of FACS arrives onsite. PARC is onsite and starting to move into the building. PARC is on a hold because they do not have poly onsite to continue the construction of the containment area. They are supposed to have more delivered this morning. There are two new workers onsite and Francisco (crew supervisor) says he asked the office to email FACS the worker certifications. When received, they are checked and the workers are clear to work.
0720	PARC finds two rolls of poly were already moved up to the third floor of the building. They bring them back down to the basement and are going to keep moving on the containment setup. They are hoping to have it setup by lunch time (1100). The two new workers are being sent to the 3 rd floor to start putting critical barriers over the windows / window openings.



0830	Containment setup is continuing in the basement. Two workers are in the larger isolated room in the basement installing poly wall over the wood wall and sealing it up to the ceiling. One worker is installing floor poly in the hallway area of the basement. The two workers on the third level are sealing the windows on the west side of the floor, moving from north to the south. PARC has installed a ladder from the ground level down to the basement so they can access the control panels for the negative air machines to allow them to be turned on and off each day. They are also going to install a viewport on this poly wall to allow visibility into the basement containment. Chris asks for
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Project Manager's Daily Log

Date: February 6, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Time	Detail of Work
	<p>two other viewports to be installed as well in various spots of the basement containment and PARC agrees to install.</p> 
1010	<p>PARC is making progress on the containment setup. The isolated room is finished and they have enclosed the decontamination chamber area. They are installing flooring and walls at the boiler room area of the basement. The poly being used is 6-mil and flame retardant per label on boxes. The two workers on the third floor have stopped installing poly over the windows and are now building the poly wall at the north end of the floor to isolate the work from the remainder of floor and stairwell. The two workers are up in the attic / rafter area to start the install.</p>


Project Manager's Daily Log

Date: February 6, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Time	Detail of Work
	
1100	PARC is breaking for lunch. They nearly have the basement containment setup and may be ready for a pre-start visual inspection shortly after lunch. A portion of the PARC work crew and FACS representative are remaining onsite to keep items outside the building secured.
1200	PARC workers are restarting work after lunch. Workers are finishing the detail items needed for the containment construction. Chris is walking through the area and pointing out areas that need to be sealed as critical barriers still and small detail work for the decontamination system to ensure it is fully secured / airtight where connected to containment. PARC still has two workers setting up containment on the third floor of the building. These workers are continuing the construction of the poly wall at the north end of the floor to isolate abatement work area.

Project Manager's Daily Log

Date: February 6, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Time	Detail of Work
1300	PARC has requested a pre-start visual inspection of the basement containment. Chris enters the area and reviews containment barriers, tools for use and ensure requirements of the specifications are being met. PARC does not have a manometer onsite and is warned that they can start today but failure to have onsite tomorrow will halt all work until a manometer is installed.
	
1330	



Chris Chipponeri

Project Manager's Daily Log

Date: February 7, 2025 Project Number: PJ85032 FACS Representative on Site: SO

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 6

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____

Start Time: _____ End Time: _____

Time	Detail of Work
0700	PARC and FACS representative Servando arrived on-site to oversee ongoing abatement activities. One PARC worker began preparation activities on the upstairs section in anticipation of thermal system insulation (TSI) removal once the basement section is completed. The crew is focused on completing the basement level, ensuring containment integrity and compliance with removal procedures. Existing containment measures were inspected and confirmed to be intact. All personnel were observed wearing appropriate PPE, including: Full-face respirators, Disposable coveralls, Gloves, and Boot covers.
0800	The crew focused on cleaning the abatement area in the basement level. Cleaning efforts were divided into two phases: The first half of the basement area underwent cleaning using airless sprayers and HEPA vacuums. The second half of the basement area is yet to be addressed. Containment remained intact with no visible breaches.
0900	Waste generated from cleaning activities was securely bagged and properly staged for disposal. HEPA vacuums were periodically inspected to ensure efficiency and containment of collected debris. The encapsulation process on the first floor is progressing well and expected to be completed soon.
1000	PARC continued final cleanup efforts in the basement, ensuring all dust and debris were removed in preparation for the final visual inspection. Workers conducted thorough HEPA vacuuming and wiped down all surfaces to eliminate any remaining particulate matter. Air monitoring equipment remained in place, with periodic checks confirming compliance.
1100	FACS and PARC crew began their lunch break.
1200	FACS and ParC Crew returned from their lunch break.
1230	Wet wiping of walls, floors, and equipment to eliminate any residual contaminants. Containment barriers remained intact, with no visible breaches. The basement is in the final stages of preparation for the visual inspection.
1300	FACS representatives Fernando and Servando began the final visual inspection of the basement area. During the inspection, some drywall debris was identified behind a crevice. The PARC crew promptly addressed the issue by cleaning the area using wet methods and HEPA vacuums to ensure all residual debris was properly removed. FACS conducted a thorough visual assessment of all surfaces, checking for remaining debris or contamination.
1400	PARC successfully passed the final visual inspection, confirming the area is clean and free of residual debris. Air clearance testing is scheduled for Monday morning. Following the final visual,

Project Manager's Daily Log

Date: February 7, 2025 Project Number: PJ85032 FACS Representative on Site: SO

Time	Detail of Work
	the crew began waste disposal procedures outside of containment. All waste bags were properly hog-tied to ensure secure containment. Each bag was properly labeled in compliance with asbestos waste disposal regulations. Once secured, the waste bags were burrito-wrapped with asbestos signage to provide additional containment and clear identification. Waste disposal procedures followed strict regulatory guidelines, ensuring proper containment and handling.
1430	FACS and PARC leave site.



Servando Ortiz

Project Manager's Daily Log

Date: February 10, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

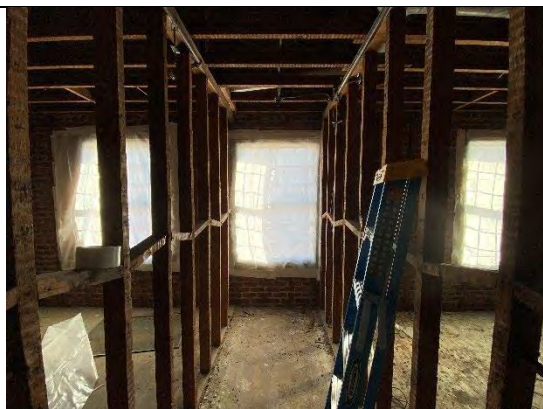
Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____



Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. There is one new worker onsite, and Francisco (crew supervisor) says he asked the office to email FACS the worker certifications. When received, they are checked and the workers are clear to work.
0715	PARC workers have finished their daily stretches and will begin set up of the 3 rd floor containment. FACS will begin clearances on the basement containment.
0800	FACS has set up the basement clearances. PARCs gameplan is to have the full crew setting up the 3 rd floor containment while the clearances run. Once the clearances are finished, three members of the crew will go to the first floor to setup and begin lead work.
0900	PARC is making progress on the containment setup. They have covered all the windows with one layer of 6-mil poly and tape. They are currently moving their negative air machines up to the 3 rd floor.
1030	FACS has pulled the clearances. PARC has now split the crew in two so they may begin lead work on the first floor. They will start on the windows and cover them with one layer of 6-mil poly.
1100	Lunch. 1 hour.



Project Manager's Daily Log

Date: February 10, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
	   
1200	FACS and PARC have returned from lunch. PARC workers will continue setup of the two work areas.
1230	<p>PARC is ready for a pre-start visual on the 3rd floor containment. FACS has passed them of their containment and they may begin work.</p> 
1245	Workers have donned PPE and begun work. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached.
1300	Two workers are using a glove bag to remove the TSI from the pipes within the containment area.
1330	1 st Floor lead work is ready to begin. They have asked for a pre-start visual and FACS has passed them. They will don the same PPE listed above and begin lead removal on the first floor.
1430	After removing lead from the south wall with one roto hammer, they have decided starting tomorrow the whole crew working on the first floor will use roto hammers to remove the lead painted areas on

Project Manager's Daily Log

Date: February 10, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
	the first floor. They will also bring a few scissor lifts to help reach the areas that are near the ceiling on the first floor.
1515	All work has stopped for the day and all waste has been bagged or placed in the poly lined waste bin. Workers will decon out of their respective containments and prepare to leave the site for the day.
1530	FACS and PARC have left the site. Work will resume tomorrow at 0700



Trevor Leitz

Project Manager's Daily Log

Date: February 11, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____

Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. Planned work for today is to hopefully finish the 3 rd floor containment as well as continue work on the first floor.
0715	PARC workers have finished their daily stretches and will now don PPE to begin work in both containment areas.
0730	PARC workers are now working in their respective containments. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached. 3 workers will be on the 3 rd floor as well as another 3 on the 1 st floor.
0900	PARC has had two scissor lifts dropped off right now for the 1st floor containment. They will cut into a few of the wood columns to let there be easier access across the 1 st floor to help in the lead removal.
1000	3 rd floor workers are working on the south side of the building, and this will be the last area of pipe removal for them. The plan now is to finish removal today and detail clean today and tomorrow and run clearances on Thursday.
1045	PARC workers are starting to decon out of the building to break for lunch.
1100	Lunch. 1 hour.
1200	FACS and PARC have returned from lunch. PARC workers will don the same PPE as listed earlier and continue work within the building.
1230	PARC has finished TSI removal from the 3 rd floor of the building. They will now detail clean the 3 rd floor.
1300	The 1 st floor workers are working mostly on the northwest side of the building removing the lead painted materials. Once removed they place in a wheelbarrow and wheel it into the poly lined waste bin.

Project Manager's Daily Log

Date: February 11, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
1400	PARC continues to remove on the north side of the building on the 1 st floor. Two workers are using wheelbarrows while the other two remove the lead painted walls from the building.
1515	All work has stopped for the day and all waste has been bagged or placed in the poly lined waste bin. Workers will decon out of their respective containments and prepare to leave the site for the day.
1530	FACS and PARC have left the site. Work will resume tomorrow at 0700



Trevor Leitz

Project Manager's Daily Log

Date: February 12, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____



Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____

Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. Planned work for today is to finish detail cleaning the 3 rd floor containment as well as continue work on the first floor.
0715	PARC workers have finished their daily stretches and will now don PPE to begin work in both containment areas.
0730	PARC workers are now working in their respective containments. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached. 2 workers will be on the 3 rd floor as well as another 4 on the 1 st floor.
0900	PARC will be ready for a final visual on the 3 rd floor by lunch. 1 st floor work continues. They have removed most of the north side of the building. One scissor lift is being used on the northeast side of the building while the other one is on the west side south end doing removal. They continue to use roto hammers to remove the lead painted walls.
1030	PARC is ready for a final visual on the 3 rd floor. FACS representative dons a disposable coverall and the same respirator as listed above to walk the containment. FACS has passed PARC of the containment.
1045	PARC workers are starting to decon out of the building to break for lunch.
1100	Lunch. 1 hour.

Project Manager's Daily Log

Date: February 12, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work	
1200	FACS and PARC have returned from lunch. PARC workers will don the same PPE as listed earlier and continue work within the 1 st floor containment. All workers will now be on the 1 st floor so waste removal should increase.	
1300	The 1 st floor workers are working mostly on the north side of the building near the stairs removing the lead painted materials. Once removed they place in a wheelbarrow and wheel it into the poly lined waste bin.	
1400	PARC continues to remove on the north side of the building on the 1 st floor.	
1515	All work has stopped for the day and all waste has been bagged or placed in the poly lined waste bin. Workers will decon out of their respective containments and prepare to leave the site for the day.	
1530	FACS and PARC have left the site. Work will resume tomorrow at 0700	



Trevor Leitz

Project Manager's Daily Log

Date: February 13, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____




Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. Planned work for today is to run clearances on the 3 rd floor and continue lead work on the 1 st floor.
0715	PARC workers have finished their daily stretches and will now don PPE to begin work in both containment areas.
0730	PARC workers are now working on the 1 st floor. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached.
0815	FACS has setup and started to run clearances on the 3 rd floor.



Project Manager's Daily Log

Date: February 13, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work	
0900	PARCs gameplan is to finish removal on the stairs this morning and continue to remove throughout the 1 st floor.	
1000	Lead removal continues. 3 workers are moving the removed waste using wheelbarrows and wheeling them to the waste bin.	
1045	PARC workers are starting to decon out of the building to break for lunch.	
1015	FACS has pulled the clearances from the 3 rd floor.	
1100	Lunch. 1 hour.	
1200	FACS and PARC have returned from lunch. PARC workers will don the same PPE as listed earlier and continue work within the building.	
1300	The 1 st floor workers are working mostly on the south side of the building removing the lead painted materials. Once removed they place in a wheelbarrow and wheel it into the poly lined waste bin.	
1400	PARC has finished removal on the stairs. Three workers continue to use wheelbarrows while the other three remove the lead painted walls from the building.	

Project Manager's Daily Log

Date: February 13, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
1515	All work has stopped for the day and all waste has been bagged or placed in the poly lined waste bin. Workers will decon out of their respective containments and prepare to leave the site for the day.
1530	FACS and PARC have left the site. Work will resume tomorrow at 0700



Trevor Leitz

Project Manager's Daily Log

Date: February 14, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____


Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. Planned work for today is to continue removal on the 1 st floor.
0715	PARC workers have finished their daily stretches and will now don PPE to begin work in both containment areas.
0730	PARC workers are now working. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached.
0900	PARC is almost done with the removal of the lead within the building. Moving the waste into the waste bin is the biggest thing that needs to be done.
1000	PARC is finishing the last of the removal on the south side of the building. One worker on a scissor lift is detail cleaning the north side of the building getting between the beams and structural wood.



Project Manager's Daily Log

Date: February 14, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
	
1045	PARC workers are starting to decon out of the building to break for lunch.
1100	Lunch. 1 hour.
1200	FACS and PARC have returned from lunch. PARC workers will don the same PPE as listed earlier and continue work within the building.
1300	PARC has finished removal. Workers will focus on placing waste in the waste bin and detail cleaning.
1400	Three workers are using wheelbarrows while the other three detail clean.
1515	All work has stopped for the day and all waste has been bagged or placed in the poly lined waste bin. Workers will decon out of their respective containments and prepare to leave the site for the day.
1530	FACS and PARC have left the site. Work will resume on Tuesday the 18 th at 0700



Trevor Leitz

Project Manager's Daily Log

Date: February 18, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education Contact: Tim Sutton

Phone: 209-468-9073 Fax: _____

Project (Site): 201 N California, Stockton, CA Work Location: Basement

Contractor: PARC Environmental Number of Personnel on Site: 7

Phone: (559) 233-7156 Fax: (559) 233-4284

Other Contact Info: _____

Number of Asbestos Samples Collected: PCM: _____ TEM: _____ BULK: _____ OTHER: _____

Number of Lead Samples Collected: A-AIR: _____ P-AIR: _____ BULK: _____ WIPE: _____ OTHER: _____

Start Time: 0700 End Time: 1530

Time	Detail of Work
0700	Trevor Leitz of FACS arrives onsite. PARC is onsite and starting to move into the building. Planned work for today is to finish detail cleaning the 1 st floor.
0715	PARC workers have finished their daily stretches and will now don PPE to begin detail cleaning the containment.
0730	PARC workers are inside containment. Their PPE consists of disposable coveralls, gloves, hard hats, and a tight-fitting half-face respirator with P-100 filters attached.
0900	PARC has finished detailing all areas that can be accessed using the scissor lift. The two scissor lift operators will detail clean the lifts and help on the ground level.
1000	Scissor lifts have been cleaned and have been stored near the exit that has been detail cleaned already so they can move them outside at the end of day.
1045	PARC workers are starting to decon out of the building to break for lunch.
1100	Lunch. 1 hour.
1200	FACS and PARC have returned from lunch. PARC workers will don the same PPE as listed earlier and continue work within the building.
1300	Detail cleaning is almost completed. Once finished they will call for a final visual.
1400	PARC is ready for a final visual. FACS passes PARC of their visual and they will now load up all equipment into the trailer to leave the site.

Project Manager's Daily Log

Date: February 18, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Time	Detail of Work
	
1515	All equipment has been loaded onto their trailer and all waste is within the waste bin.
1530	FACS and PARC have left the site.



Trevor Leitz

Section 2 – FACS, Inc. Documentation

2D. Clearance Air Sample Chains of Custody & Result Reports

MICRO ANALYTICAL LABORATORIES, INC.

TEM AHERA SUMMARY OF INSIDE SAMPLES



1259
SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:
JOB NO. PJ84317
SJCOE - BASEMENT
CLEARANCES
201 N. CALIFORNIA

Micro Log In **325831**
Total Samples 5
Date Sampled 02/10/2025
Date Received 02/11/2025
Date Analyzed 02/11/2025

SAMPLE INFORMATION		CALCULATED ASBESTOS STRUCTURE CONCENTRATION		AVERAGE ASBESTOS STRUCTURE CONCENTRATION
MICRO ID #	CLIENT I.D.	PER mm ²	PER CC	STRUCTURES PER mm ²
325831-01	PJ84317-CA501	< 18	< 0.0045	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> < 18 </div>
325831-02	PJ84317-CA502	< 18	< 0.0045	
325831-03	PJ84317-CA503	< 18	< 0.0045	<div style="text-align: center;">STRUCTURES PER CC*</div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-top: 10px;"> < 0.0045 </div>
325831-04	PJ84317-CA504	< 18	< 0.0045	
325831-05	PJ84317-CA505	< 18	< 0.0045	
COMMENTS : NO ASBESTOS DETECTED				
<u>TEM OPERATING PARAMETERS</u>		<u>FILTER DATA</u>		<u>ADDITIONAL DATA</u>
Microscope: JEM1200EX(M-66) Accelerating Voltage: 80 KV Screen Magnification**15,000-20,000		Type: MCE Diameter: 25 mm Collection Area: 385 mm ²		

Technical Supervisor: _____

Frank Raviola, M.S.

2/11/2025
Date Reported

Micro Analytical Laboratories, Inc. is accredited for airborne asbestos analysis under NVLAP Lab Code 101872-0 (TESTING). Analyses follow U.S. EPA's "Interim Transmission Electron Microscopy Method" (1987), 40 CFR part 763, Appendix A to Subpart E. Average concentrations for a sample set are based on a complete five sample clearance set, and represent minimum values if the average exceeds 70 structures per mm² after fewer than five samples. For samples with no asbestos detected, zero is used to compute average concentrations of asbestos-containing sample sets. This report must not be used to claim product endorsement by NIST or any other agency of the U.S. Government. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Duplicate QC samples have lower analytical sensitivities. *Micro Analytical Laboratories, Inc. is not responsible for data collected by non-laboratory personnel. Results reported in "Structures per cc" are dependent on the volumes of air samples as measured in the field by non-laboratory personnel, and are not covered by NVLAP accreditation. **Calibrated screen magnification. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. Air volumes are reported as given by the client. N/G = not given. N/A = not applicable.

5900 HOLLIS STREET, EMERYVILLE, CALIFORNIA 94608 - (510) 653-0824

MICRO ANALYTICAL LABORATORIES, INC.

TEM AIRBORNE ASBESTOS ANALYSIS



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:

JOB NO. PJ84317
SJCOE - BASEMENT
CLEARANCES
201 N. CALIFORNIA

Micro Log In **325831**

Total Samples 5

Date Sampled 02/10/2025

Date Received 02/11/2025

Date Analyzed 02/11/2025

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION													
CLIENT ID <div style="border: 1px solid black; padding: 2px; text-align: center;">PJ84317-CA501</div> MICRO ID 325831-01 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT NW CORNER	ASBESTOS TYPE CHRYSOTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	Str. per mm² <div style="border: 1px solid black; padding: 2px; text-align: center;">< 18</div>	Str. per cc* <div style="border: 1px solid black; padding: 2px; text-align: center;">< 0.0045</div> <div style="text-align: center;"> Asbestos Structures Subdivided By Length </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Length</th> <th style="width: 10%;">No.</th> <th style="width: 20%;">S/mm²</th> <th style="width: 20%;">S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> </tbody> </table>	Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 18.0	< 0.0045	≥ 5 µm	0	< 18.0	< 0.0045
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0.5 - 5 µm	0	< 18.0	< 0.0045												
≥ 5 µm	0	< 18.0	< 0.0045												
COMMENTS NO ASBESTOS DETECTED															
Total Asbestos 0 Grid Squares 4 Grid Square Area 0.0140 mm ² Area Analyzed 0.0560 mm ²	Field Filter Data Type MCE Diameter 25 mm Collection Area 385 mm ²	Analytical Sensitivity 0.0045 Str. per cc Quantitation Limit 0.0165 Str. per cc	Operating Parameters TEM Magnification** 15,000-20,000 SAED Photo No. / ID												

Technical Supervisor:

for Frank Raviola, M.S.

2/11/2025

Date Reported

Analyst:

FPR

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TEM AIRBORNE ASBESTOS ANALYSIS



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SJCOE - BASEMENT
CLEARANCES
201 N. CALIFORNIA

Micro Log In **325831**

Total Samples 5

Date Sampled 02/10/2025

Date Received 02/11/2025

Date Analyzed 02/11/2025

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																							
CLIENT ID <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">PJ84317-CA502</div> MICRO ID 325831-02 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT SW CORNER	ASBESTOS TYPE CHRYSOTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per mm² < 18</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per cc* < 0.0045</div> </div> <table style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="5">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th colspan="2">S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td>0</td> <td>< 18.0</td> <td colspan="2">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td>0</td> <td>< 18.0</td> <td colspan="2">< 0.0045</td> </tr> </tbody> </table>				Asbestos Structures Subdivided By Length					Length	No.	S/mm ²	S/cc		0.5 - 5 µm	0	< 18.0	< 0.0045		≥ 5 µm	0	< 18.0	< 0.0045	
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0.5 - 5 µm	0	< 18.0	< 0.0045																						
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COMMENTS NO ASBESTOS DETECTED																									

Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	4	Type MCE Diameter 25 mm Collection Area 385 mm ²	0.0045 Str. per cc Quantitation Limit 0.0165 Str. per cc	TEM Magnification** 15,000-20,000 SAED Photo No. / ID
Grid Square Area	0.0140 mm ²			
Area Analyzed	0.0560 mm ²			

Technical Supervisor:

Frank Raviola, M.S.

2/11/2025

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Analyst:

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TEM AIRBORNE ASBESTOS ANALYSIS



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201 N. CALIFORNIA

Micro Log In **325831**

Total Samples 5

Date Sampled 02/10/2025

Date Received 02/11/2025

Date Analyzed 02/11/2025

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																	
CLIENT ID <div style="border: 1px solid black; padding: 2px; text-align: center;">PJ84317-CA503</div> MICRO ID 325831-03 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT CENTER	ASBESTOS TYPE CHRYSOTILE <input type="text" value="0"/> GRUNERITE (AMOSITE) <input type="text" value="0"/> RIEBECKITE (CROCIDOLITE) <input type="text" value="0"/> TREMOLITE <input type="text" value="0"/> ACTINOLITE <input type="text" value="0"/> ANTHOPHYLLITE <input type="text" value="0"/> TOTAL ASBESTOS <input type="text" value="0"/>	Str. per mm² <div style="border: 1px solid black; padding: 2px; text-align: center;">< 18</div>	Str. per cc* <div style="border: 1px solid black; padding: 2px; text-align: center;">< 0.0045</div> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="4">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th>S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td>0</td> <td>< 18.0</td> <td>< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td>0</td> <td>< 18.0</td> <td>< 0.0045</td> </tr> </tbody> </table>	Asbestos Structures Subdivided By Length				Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 18.0	< 0.0045	≥ 5 µm	0	< 18.0	< 0.0045
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Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	4	Type MCE	0.0045 Str. per cc	TEM Magnification** 15,000-20,000
Grid Square Area	0.0140 mm ²	Diameter 25 mm	Quantitation Limit	SAED Photo No. / ID
Area Analyzed	0.0560 mm ²	Collection Area 385 mm ²	0.0165 Str. per cc	

Technical Supervisor:

Frank Raviola, M.S.

2/11/2025

Date Reported

Analyst:

FPR

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201 N. CALIFORNIA

Micro Log In **325831**Total Samples **5**Date Sampled **02/10/2025**Date Received **02/11/2025**Date Analyzed **02/11/2025**

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CLIENT ID <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">PJ84317-CA504</div> MICRO ID 325831-04 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT NORTH CENTER	ASBESTOS TYPE CHRYSTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px;">Str. per mm² < 18</div> <div style="border: 1px solid black; padding: 5px;">Str. per cc* < 0.0045</div> </div> <table style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="5">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th colspan="2">S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td>0</td> <td>< 18.0</td> <td colspan="2">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td>0</td> <td>< 18.0</td> <td colspan="2">< 0.0045</td> </tr> </tbody> </table>				Asbestos Structures Subdivided By Length					Length	No.	S/mm ²	S/cc		0.5 - 5 µm	0	< 18.0	< 0.0045		≥ 5 µm	0	< 18.0	< 0.0045									
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Analyst:

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Micro Log In **325831**

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325831
Analysis Request Form (COC)

Client Name & Address: FACS Modesto 313 Banner Court, Suite B Modesto, CA 95356		Client No.: MOD08	PO / Job#: PJ84317	Date: 2-10-25			
RUSH!		Turn Around Time: <input checked="" type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input type="checkbox"/> 5Day					
		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer					
Contact: Chris Chipponeri		Phone: (209) 484-4648	<input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 / 1000 / <input type="checkbox"/> CARB 435				
E-mail: Chris.C@facs.com		<input checked="" type="checkbox"/> TEM Air: <input checked="" type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402					
Site Name: SJCOE - Basement Clearances		<input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield					
Site Location: 201 N California St, Stockton, CA 95202		<input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight %					
Comments:		<input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)					
		<input type="checkbox"/> IAQ Particle Identification <input type="checkbox"/> Opaques/Char (Wildfire)					
		<input type="checkbox"/> Limited Particle ID (Wildfire) <input type="checkbox"/> Special Project					
		<input type="checkbox"/> Metals Analysis Matrix: Method:					
		Analytes:					
		<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry					
		<input type="checkbox"/> Quartz Only					
Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
1 PJ84317 - CA501	2-10-25	Inside Containment - NW Corner	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0755 1030	9.9	155 Min	1,534.5 L
2 PJ84317 - CA502	2-10-25	Inside Containment - SW Corner	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0755 1030	9.9	155 Min	1,534.5 L
3 PJ84317 - CA503	2-10-25	Inside Containment - Center	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0755 1030	9.9	155 Min	1,534.5 L
4 PJ84317 - CA504	2-10-25	Inside Containment - North Center	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0755 1030	9.9	155 Min	1,534.5 L
5 PJ84317 - CA505	2-10-25	Inside Containment - SE Corner	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0755 1030	9.9	155 Min	1,534.5 L
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
Sampled By: T. Leitz		Date/Time: 2-10-25	Shipped Via: <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:				
Relinquished By:		Relinquished By:		Relinquished By:			
Date / Time: 2-10-25		Date / Time:		Date / Time:			
Received By:		Received By:		Received By:			
Date / Time: 2/11/25 0913		Date / Time:		Date / Time:			
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No			

SGS Built Environment may subcontract client samples to other SGS locations to meet client requests.
San Francisco Office: 19743 Cabot Blvd., Hayward, CA 94545 • Phone: 510/887-8828
Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417
Las Vegas Office: 3626 Sunset Road, Suite 100, Las Vegas, NV 89120 • Phone: 702/387-0040
Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

MICRO ANALYTICAL LABORATORIES, INC.

TEM AHERA SUMMARY OF INSIDE SAMPLES



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:
JOB NO. PJ85032
SJCOE - 3RD FLOOR
CLEARANCES
201 N CALIFORNIA ST
STOCKTON, CA 95202

Micro Log In **326009**
Total Samples 5
Date Sampled 02/13/2025
Date Received 02/14/2025
Date Analyzed 02/14/2025

SAMPLE INFORMATION		CALCULATED ASBESTOS STRUCTURE CONCENTRATION		AVERAGE ASBESTOS STRUCTURE CONCENTRATION
MICRO ID #	CLIENT I.D.	PER mm ²	PER CC	STRUCTURES PER mm ²
326009-01	PJ85032-CA506	< 18	< 0.0045	< 18
326009-02	PJ85032-CA507	< 18	< 0.0045	
326009-03	PJ85032-CA508	< 18	< 0.0045	STRUCTURES PER CC*
326009-04	PJ85032-CA509	< 18	< 0.0045	
326009-05	PJ85032-CA510	< 8.9	< 0.0022	< 0.0045

COMMENTS :
 NO ASBESTOS DETECTED

TEM OPERATING PARAMETERS	FILTER DATA	ADDITIONAL DATA
Microscope: JEM1200EX(M-66) Accelerating Voltage: 80 KV Screen Magnification**15,000-20,000	Type MCE Diameter 25 mm Collection Area 385 mm ²	

Technical Supervisor:

Frank Raviola, M.S.

2/14/2025
Date Reported

Micro Analytical Laboratories, Inc. is accredited for airborne asbestos analysis under NVLAP Lab Code 101872-0 (TESTING). Analyses follow U.S. EPA's "Interim Transmission Electron Microscopy Method" (1987), 40 CFR part 763, Appendix A to Subpart E. Average concentrations for a sample set are based on a complete five sample clearance set, and represent minimum values if the average exceeds 70 structures per mm² after fewer than five samples. For samples with no asbestos detected, zero is used to compute average concentrations of asbestos-containing sample sets. This report must not be used to claim product endorsement by NIST or any other agency of the U.S. Government. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Duplicate QC samples have lower analytical sensitivities. *Micro Analytical Laboratories, Inc. is not responsible for data collected by non-laboratory personnel. Results reported in "Structures per cc" are dependent on the volumes of air samples as measured in the field by non-laboratory personnel, and are not covered by NVLAP accreditation. **Calibrated screen magnification. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received. Air volumes are reported as given by the client. N/G = not given. N/A = not applicable.

5900 HOLLIS STREET, EMERYVILLE, CALIFORNIA 94608 - (510) 653-0824

MICRO ANALYTICAL LABORATORIES, INC.

TEM AIRBORNE ASBESTOS ANALYSIS



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:

JOB NO. PJ85032
SJCOE - 3RD FLOOR
CLEARANCES
201 N CALIFORNIA ST
STOCKTON, CA 95202

Micro Log In **326009**Total Samples **5**Date Sampled **02/13/2025**Date Received **02/14/2025**Date Analyzed **02/14/2025**

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																	
CLIENT ID <div style="border: 1px solid black; padding: 2px; text-align: center;">PJ85032-CA506</div> MICRO ID 326009-01 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT NE SIDE	ASBESTOS TYPE CHRYSOTILE <input type="text" value="0"/> GRUNERITE (AMOSITE) <input type="text" value="0"/> RIEBECKITE (CROCIDOLITE) <input type="text" value="0"/> TREMOLITE <input type="text" value="0"/> ACTINOLITE <input type="text" value="0"/> ANTHOPHYLLITE <input type="text" value="0"/> TOTAL ASBESTOS <input type="text" value="0"/>	Str. per mm² <div style="border: 1px solid black; padding: 2px; text-align: center;">< 18</div>	Str. per cc* <div style="border: 1px solid black; padding: 2px; text-align: center;">< 0.0045</div> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="4">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th>S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td>0</td> <td>< 18.0</td> <td>< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td>0</td> <td>< 18.0</td> <td>< 0.0045</td> </tr> </tbody> </table>	Asbestos Structures Subdivided By Length				Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 18.0	< 0.0045	≥ 5 µm	0	< 18.0	< 0.0045
Asbestos Structures Subdivided By Length																			
Length	No.	S/mm ²	S/cc																
0.5 - 5 µm	0	< 18.0	< 0.0045																
≥ 5 µm	0	< 18.0	< 0.0045																
COMMENTS NO ASBESTOS DETECTED																			

Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	4	Type MCE Diameter 25 mm Collection Area 385 mm ²	0.0045 Str. per cc Quantitation Limit 0.0165 Str. per cc	TEM Magnification** 15,000-20,000 SAED Photo No. / ID
Grid Square Area	0.0140 mm ²			
Area Analyzed	0.0560 mm ²			

Technical Supervisor: _____

Frank Raviola, M.S.

2/14/2025

Date Reported

Analyst: _____

FPR

Micro Analytical Laboratories, Inc. is accredited for airborne asbestos analysis under NVLAP Lab Code 101872-0 (TESTING). NVLAP accreditation is limited to laboratory analyses. Methodology: Micro Analytical SOP T131. Analyses follow the analytical procedures of the U.S. EPA's "Interim Transmission Electron Microscopy Method" (1987), 40 CFR Part 763, Appendix A to Subpart E. Sampling parameters may differ from the AHERA method. *Micro Analytical Laboratories, Inc. is not responsible for data collected by non-laboratory personnel. *Results reported in "Structures per cc" are dependent on the volumes of air samples as measured in the field by non-laboratory personnel, and are not covered by NVLAP accreditation. Concentrations and limits expressed in "Structures per mm²" are applicable only to samples with volumes of 1199 or more liters (AHERA Method, 1987). Variability due to different airborne fiber distributions, whether on different portions of the same filter or from different filters from the same sampled area, may be significant. Analytical sensitivity is the airborne concentration represented by each asbestos structure counted in the area analyzed; it is not the same as the detection limit. Specific characterization of non-asbestos particles is not applicable to this analysis. This report must not be used to claim product endorsement by NIST or any other U.S. Government agency. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Duplicate QC samples have lower analytical sensitivities. **Calibrated screen magnification. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received.

MICRO ANALYTICAL LABORATORIES, INC.

TEM AIRBORNE ASBESTOS ANALYSIS



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:

JOB NO. PJ85032
SJCOE - 3RD FLOOR
CLEARANCES
201 N CALIFORNIA ST
STOCKTON, CA 95202

Micro Log In **326009**Total Samples **5**Date Sampled **02/13/2025**Date Received **02/14/2025**Date Analyzed **02/14/2025**

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																	
CLIENT ID <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">PJ85032-CA507</div> MICRO ID 326009-02 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT SW SIDE	ASBESTOS TYPE CHRYSOTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Str. per mm² < 18 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Str. per cc* < 0.0045 </div> </div> <table style="width: 100%; font-size: small;"> <thead> <tr> <th colspan="4" style="text-align: center;">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th>S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> </tbody> </table>		Asbestos Structures Subdivided By Length				Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 18.0	< 0.0045	≥ 5 µm	0	< 18.0	< 0.0045
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Length	No.	S/mm ²	S/cc																
0.5 - 5 µm	0	< 18.0	< 0.0045																
≥ 5 µm	0	< 18.0	< 0.0045																
COMMENTS NO ASBESTOS DETECTED																			

Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	4	Type MCE Diameter 25 mm Collection Area 385 mm ²	0.0045 Str. per cc Quantitation Limit 0.0165 Str. per cc	TEM Magnification** 15,000-20,000 SAED Photo No. / ID
Grid Square Area	0.0140 mm ²			
Area Analyzed	0.0560 mm ²			

Technical Supervisor: _____

Frank Raviola, M.S.

2/14/2025

Date Reported

Analyst: _____

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MICRO ANALYTICAL LABORATORIES, INC.

TEM AIRBORNE ASBESTOS ANALYSIS



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:

JOB NO. PJ85032
SJCOE - 3RD FLOOR
CLEARANCES
201 N CALIFORNIA ST
STOCKTON, CA 95202

Micro Log In **326009**

Total Samples 5

Date Sampled 02/13/2025

Date Received 02/14/2025

Date Analyzed 02/14/2025

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION															
CLIENT ID <div style="border: 1px solid black; padding: 2px; text-align: center;">PJ85032-CA508</div> MICRO ID 326009-03 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT CENTER HALLWAY	ASBESTOS TYPE CHRYSOTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per mm² < 18</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per cc* < 0.0045</div> </div> <div style="text-align: center;"> Asbestos Structures Subdivided By Length </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Length</th> <th style="width: 10%;">No.</th> <th style="width: 20%;">S/mm²</th> <th style="width: 20%;">S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td style="text-align: center;">< 0.0045</td> </tr> </tbody> </table>				Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 18.0	< 0.0045	≥ 5 µm	0	< 18.0	< 0.0045
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COMMENTS NO ASBESTOS DETECTED																	

Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	4	Type MCE	0.0045 Str. per cc	TEM Magnification** 15,000-20,000
Grid Square Area	0.0140 mm ²	Diameter 25 mm	Quantitation Limit	SAED Photo No. / ID
Area Analyzed	0.0560 mm ²	Collection Area 385 mm ²	0.0165 Str. per cc	

Technical Supervisor: _____

Frank Raviola, M.S.

2/14/2025

Date Reported

Analyst: _____

FPR

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201 N CALIFORNIA ST
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Micro Log In **326009**

Total Samples 5

Date Sampled 02/13/2025

Date Received 02/14/2025

Date Analyzed 02/14/2025

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																															
CLIENT ID <div style="border: 1px solid black; padding: 2px; margin: 5px 0;">PJ85032-CA509</div> MICRO ID 326009-04 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT SE SIDE	ASBESTOS TYPE CHRYSOTILE <input type="text" value="0"/> GRUNERITE (AMOSITE) <input type="text" value="0"/> RIEBECKITE (CROCIDOLITE) <input type="text" value="0"/> TREMOLITE <input type="text" value="0"/> ACTINOLITE <input type="text" value="0"/> ANTHOPHYLLITE <input type="text" value="0"/> TOTAL ASBESTOS <input type="text" value="0"/>	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per mm² < 18</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Str. per cc* < 0.0045</div> </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" style="text-align: center;">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th style="text-align: left;">Length</th> <th style="text-align: center;">No.</th> <th style="text-align: center;">S/mm²</th> <th colspan="2" style="text-align: center;">S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td colspan="2" style="text-align: center;">< 0.0045</td> </tr> <tr> <td>≥ 5 µm</td> <td style="text-align: center;">0</td> <td style="text-align: center;">< 18.0</td> <td colspan="2" style="text-align: center;">< 0.0045</td> </tr> </tbody> </table>				Asbestos Structures Subdivided By Length					Length	No.	S/mm ²	S/cc		0.5 - 5 µm	0	< 18.0	< 0.0045		≥ 5 µm	0	< 18.0	< 0.0045									
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Technical Supervisor: _____

Frank Raviola, M.S.

2/14/2025

Date Reported

Analyst: _____

FPR

Micro Analytical Laboratories, Inc. is accredited for airborne asbestos analysis under NVLAP Lab Code 101872-0 (TESTING). NVLAP accreditation is limited to laboratory analyses. Methodology: Micro Analytical SOP T131. Analyses follow the analytical procedures of the U.S. EPA's "Interim Transmission Electron Microscopy Method" (1987), 40 CFR Part 763, Appendix A to Subpart E. Sampling parameters may differ from the AHERA method. *Micro Analytical Laboratories, Inc. is not responsible for data collected by non-laboratory personnel. **Results reported in "Structures per cc" are dependent on the volumes of air samples as measured in the field by non-laboratory personnel, and are not covered by NVLAP accreditation. Concentrations and limits expressed in "Structures per mm²" are applicable only to samples with volumes of 1199 or more liters (AHERA Method, 1987). Variability due to different airborne fiber distributions, whether on different portions of the same filter or from different filters from the same sampled area, may be significant. Analytical sensitivity is the airborne concentration represented by each asbestos structure counted in the area analyzed; it is not the same as the detection limit. Specific characterization of non-asbestos particles is not applicable to this analysis. This report must not be used to claim product endorsement by NIST or any other U.S. Government agency. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Duplicate QC samples have lower analytical sensitivities. **Calibrated screen magnification. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received.

MICRO ANALYTICAL LABORATORIES, INC.

TEM AIRBORNE ASBESTOS ANALYSIS



1259

SGS-Forensic Laboratories
3777 Depot Road, Suite 409
Hayward, CA 94545

PROJECT:

JOB NO. PJ85032
SJCOE - 3RD FLOOR
CLEARANCES
201 N CALIFORNIA ST
STOCKTON, CA 95202

Micro Log In **326009**Total Samples **5**Date Sampled **02/13/2025**Date Received **02/14/2025**Date Analyzed **02/14/2025**

SAMPLE INFORMATION	ASBESTOS STRUCTURE COUNT	CALCULATED ASBESTOS STRUCTURE CONCENTRATION																
CLIENT ID <div style="border: 1px solid black; padding: 2px; text-align: center;">PJ85032-CA510</div> MICRO ID 326009-05 Time 155 LPM 9.90 Liters 1534.5 DESCRIPTION INSIDE CONTAINMENT NW SIDE	ASBESTOS TYPE CHRYSOTILE 0 GRUNERITE (AMOSITE) 0 RIEBECKITE (CROCIDOLITE) 0 TREMOLITE 0 ACTINOLITE 0 ANTHOPHYLLITE 0 TOTAL ASBESTOS 0	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Str. per mm² < 8.9 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Str. per cc* < 0.0022 </div> </div> <table style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="4">Asbestos Structures Subdivided By Length</th> </tr> <tr> <th>Length</th> <th>No.</th> <th>S/mm²</th> <th>S/cc</th> </tr> </thead> <tbody> <tr> <td>0.5 - 5 µm</td> <td>0</td> <td>< 8.9</td> <td>< 0.0022</td> </tr> <tr> <td>≥ 5 µm</td> <td>0</td> <td>< 8.9</td> <td>< 0.0022</td> </tr> </tbody> </table>	Asbestos Structures Subdivided By Length				Length	No.	S/mm ²	S/cc	0.5 - 5 µm	0	< 8.9	< 0.0022	≥ 5 µm	0	< 8.9	< 0.0022
Asbestos Structures Subdivided By Length																		
Length	No.	S/mm ²	S/cc															
0.5 - 5 µm	0	< 8.9	< 0.0022															
≥ 5 µm	0	< 8.9	< 0.0022															
COMMENTS NO ASBESTOS DETECTED																		

Total Asbestos	Grid Squares	Field Filter Data	Analytical Sensitivity	Operating Parameters
0	8	Type: MCE	0.0022 Str. per cc	TEM Magnification** 15,000-20,000
Grid Square Area	0.0140 mm ²	Diameter 25 mm	Quantitation Limit	SAED Photo No. / ID
Area Analyzed	0.1120 mm ²	Collection Area 385 mm ²	0.0083 Str. per cc	

Technical Supervisor: _____

Frank Raviola, M.S.

2/14/2025

Date Reported

Analyst: _____

FPR

Micro Analytical Laboratories, Inc. is accredited for airborne asbestos analysis under NVLAP Lab Code 101872-0 (TESTING). NVLAP accreditation is limited to laboratory analyses. Methodology: Micro Analytical SOP T131. Analyses follow the analytical procedures of the U.S. EPA's "Interim Transmission Electron Microscopy Method" (1987), 40 CFR Part 763, Appendix A to Subpart E. Sampling parameters may differ from the AHERA method. *Micro Analytical Laboratories, Inc. is not responsible for data collected by non-laboratory personnel. *Results reported in "Structures per cc" are dependent on the volumes of air samples as measured in the field by non-laboratory personnel, and are not covered by NVLAP accreditation. Concentrations and limits expressed in "Structures per mm²" are applicable only to samples with volumes of 1199 or more liters (AHERA Method, 1987). Variability due to different airborne fiber distributions, whether on different portions of the same filter or from different filters from the same sampled area, may be significant. Analytical sensitivity is the airborne concentration represented by each asbestos structure counted in the area analyzed; it is not the same as the detection limit. Specific characterization of non-asbestos particles is not applicable to this analysis. This report must not be used to claim product endorsement by NIST or any other U.S. Government agency. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. Duplicate QC samples have lower analytical sensitivities. **Calibrated screen magnification. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Note: due to software limitations, the number of reported significant figures does not necessarily reflect the uncertainty of the analysis. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed as received.

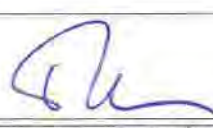


326009
Analysis Request Form (COC)

Client Name & Address: FACS Modesto 313 Banner Court, Suite B Modesto, CA 95456		Client No.: MOD08	PO / Job#: PJ85032	Date: 2-13-25			
RUSH!		Turn Around Time: <input checked="" type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input type="checkbox"/> 5Day					
		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer					
		<input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="text" value="400"/> <input type="text" value="1000"/> / <input type="checkbox"/> CARB 435					
Contact: Chris Chipponeri	Phone: (209) 484-4648	<input checked="" type="checkbox"/> TEM Air: <input checked="" type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input checked="" type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)					
E-mail: Chris.C@facs.com							
Site Name: SJCOE - 3rd Floor Clearances		<input type="checkbox"/> IAQ Particle Identification <input type="checkbox"/> Opaques/Char (Wildfire) <input type="checkbox"/> Limited Particle ID (Wildfire) <input type="checkbox"/> Special Project					
Site Location: 201 N California St, Stockton, CA 95202		<input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:					
Comments:		<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only					
Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
1 PJ85032 - CA506	2-13-25	Inside Containment - NE Side	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0815 1050	9.9	155 Min	1,534.5 L
2 PJ85032 - CA507	2-13-25	Inside Containment - NW Side	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0815 1050	9.9	155 Min	1,534.5 L
3 PJ85032 - CA508	2-13-25	Inside Containment - Center Hallway	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0815 1050	9.9	155 Min	1,534.5 L
4 PJ85032 - CA509	2-13-25	Inside Containment - SE Side	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0815 1050	9.9	155 Min	1,534.5 L
5 PJ85032 - CA510	2-13-25	Inside Containment - NW Side	<input type="checkbox"/> A <input type="checkbox"/> P <input checked="" type="checkbox"/> X	0815 1050	9.9	155 Min	1,534.5 L
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
Sampled By: Trevor Leitz		Date/Time: 2-13-25	Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:				
Relinquished By:		Relinquished By:		Relinquished By:			
Date / Time: 2-13-25		Date / Time:		Date / Time:			
Received By: LV		Received By:		Received By:			
Date / Time: 2/14/25 0856		Date / Time:		Date / Time:			
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No			

SGS Built Environment may subcontract client samples to other SGS locations to meet client requests.
San Francisco Office: 19743 Cabot Blvd., Hayward, CA 94545 • Phone: 510/887-8828
Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417
Las Vegas Office: 3626 Sunset Road, Suite 100, Las Vegas, NV 89120 • Phone: 702/387-0040
Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

[illegible]

Analysis		TEM AHERA		Avg. Grid Sq. Area in mm ² 0.0140		TEM ID#		M-66 M-12 W-59 Other		p. 1 of 1			
Cust. / Sample		1259 PJ85032-CA508		Air Volume (L) 1534.50		Micro Analytical Laboratories, Inc. TEM AHERA Data Sheet Rev. 12/31/2024							
Lab. ID#		326009-03		#Grid Sqs. needed		Sample Condition: Unless otherwise noted, all samples were received sealed and in acceptable condition for analysis. Subsamples, grids, and grid squares are acceptable unless otherwise noted. Prepared grids are fragile and may become damaged after analysis. NOTE: for NIOSH 7402, all countable asbestos units are reported as "fibers". * For detailed length / width / sketches, or if >20 structures are present, use separate VAA sheets.							
Grid Box (1-)		8189		Analytical Sensitivity (expected)		0.0045 Str. / cc 4480 Str. / m ³		4					
Part A (may be continued in Part B) Normal Operating Parameters: See Current SOP Manual. If different, specify. Grid orientation (F) is based on high mag. orientation. The signatory of this sheet certifies that the TEM is aligned and in good working order.						Part B If QC Analysis, Specify: VAA UK RF DGS MB / TB Photo Str. ID / # Other							
COUNTABLE SUSPECT ASBESTOS STRUCTURES						COUNTABLE SUSPECT ASBESTOS STRUCTURES							
Sketch / Verification						Sketch / Verification							
Slot Grid No. Square	Asb. Str. Type	Length (μm) 0.5 - 5	Width (μm) ≥ 5	SAED	EDX	ASBESTOS DETECTED Quantity / ID	Slot Grid No. Square	Asb. Str. Type	Length (μm) 0.5 - 5	Width (μm) ≥ 5	SAED	EDX	ASBESTOS DETECTED Quantity / ID
66 12						0							
63						0							
67 65						0							
83						0							
Subtotals A						Subtotals B							
REPORTED COUNTABLE ASBESTOS STRUCTURES						REPORTED COUNTABLE ASBESTOS STRUCTURES							
Chrysotile	9	Asbestos 0.5 - 5 (<10) μm	0	Non-asbestos Interferences Noted		Overloaded. No grid squares available with the acceptable particle loading. Minimum Counts Reported. Use this comment only if asbestos structure counts are so high that concentrations have exceeded the level of interest. All method-specific stopping rules must still be followed.							
Amosite		Asbestos ≥ 5 (≥10) μm	0	FG GY Cell Other		EDX Printouts Attached							
Crocidolite		TOTAL Asbestos	0										
Tremolite													
Actinolite		Actual # Grid Squares Analyzed (edit if different)	4			Analyst  Date 2/14/2025							
Anthophyllite													
First Count (Part A) By* / Date*		TEM*		Asbestos Counted / Grid Sqs.		Second Count or Blank (Part B) By* / Date*		TEM*		Asbestos Counted / Grid Sqs.			
*If different from original analysis Maximum loading criteria for a grid square: AHERA 10% Others: See Individual Method / SOP. If all squares in ≥2 preps are overloaded, reject entire sample as overloaded.													
Other Notes													

Analysis		TEM AHERA		Avg. Grid Sq./Area in mm ² 0.0140		TEM ID#: M-66		M-12	W-59	Other	p. 1 of 1				
Cust. / Sample	1259	PJ85032-CA509	Air Volume (L)	1534.50											
Lab ID#	326009-04			#Grid Sqs. needed	4		Micro Analytical Laboratories, Inc. TEM AHERA Data Sheet Rev. 12/31/2024 Sample Condition: Unless otherwise noted, all samples were received sealed and in acceptable condition for analysis. Subsamples, grids, and grid squares are acceptable unless otherwise noted. Prepared grids are fragile and may become damaged after analysis. NOTE: for NIOSH 7402, all countable asbestos units are reported as "fibers". ^ For detailed length / width / sketches, or if >20 structures are present, use separate VAA sheets.								
Grid Box (1-)	8159	Analytical Sensitivity (expected)	0.0045 Str./cc 4480 Str./m ³												
Part A (may be continued in Part B) Normal Operating Parameters: See Current SOP Manual. If different, specify. Grid orientation (F) is based on high mag. orientation. The signatory of this sheet certifies that the TEM is aligned and in good working order.						Part B If QC Analysis, Specify: VAA UK RF DGS MB / TB Photo Str. ID / # _____ Other _____									
COUNTABLE SUSPECT ASBESTOS STRUCTURES						COUNTABLE SUSPECT ASBESTOS STRUCTURES									
Slot Grid No. Square	Asb. Str. Type	Length (µm) 0.5 - 5 ≥ 5	Width (µm)	SAED	EDX	ASBESTOS DETECTED Quantity / ID	Sketch / Verification	Slot Grid No. Square	Asb. Str. Type	Length (µm) 0.5 - 5 ≥ 5	Width (µm)	SAED	EDX	ASBESTOS DETECTED Quantity / ID	Sketch / Verification
gca						0									
14						0									
Eg 61						0									
13						0									
Subtotals A								Subtotals B							
REPORTED COUNTABLE ASBESTOS STRUCTURES						<input type="checkbox"/> Overloaded. No grid squares available with the acceptable particle loading. <input type="checkbox"/> Minimum Counts Reported. Use this comment only if asbestos structure counts are so high that concentrations have exceeded the level of interest. <input type="checkbox"/> All method-specific stopping rules must still be followed. <input checked="" type="checkbox"/> EDX Printouts Attached									
Chrysotile	0	Asbestos 0.5 - 5 (<10) µm	0	Non-asbestos Interferences Noted FG GY Cell Other											
Amosite		Asbestos ≥ 5 (≥10) µm	0												
Crocidolite		TOTAL Asbestos	0												
Tremolite															
Actinolite															
Anthophyllite															
			Actual # Grid Squares Analyzed (edit if different)	4											
First Count (Part A) By* / Date*		TEM*	Asbestos Counted / Grid Sqs.		Second Count or Blank (Part B) By* / Date*		TEM*	Asbestos Counted / Grid Sqs.							

(If different from original analysis)

Maximum loading criteria for a grid square: AHERA 10%
Others: See Individual Method / SOP. If all squares in ≥2 preps are overloaded, reject entire sample as overloaded.

Other Notes

Analysis
Cust. / Sample
Lab ID#

TEM AHERA
1259 PJ85032-CA510
326009-05

Avg. Grid Sq. Area in mm² 0.0140
Air Volume (L) 1534.50
#Grid Sqs. needed 4

Grid Box (1-)

Analytical Sensitivity (expected) 0.0045 Str./cc 4480 Str./m³

Part A (may be continued in Part B)
Normal Operating Parameters: See Current SOP Manual. If different, specify. Grid orientation (F) is based on high mag. orientation. The signatory of this sheet certifies that the TEM is aligned and in good working order.

Part B If QC Analysis, Specify: VAA UK RF DGS MB / TB
Photo Str. ID / #

COUNTABLE SUSPECT ASBESTOS STRUCTURES

Sketch / Verification

Slot Grid No. Square	Asb. Str. Type	Length (μm) 0.5 - 5 ≥5	Width (μm)	SAED	EDX	ASBESTOS DETECTED Quantity / ID
D10 G10	P					0
67						0
D10 H3	J					0
68						0
Subtotals A						0 14

COUNTABLE SUSPECT ASBESTOS STRUCTURES

Sketch / Verification

Slot Grid No. Square	Asb. Str. Type	Length (μm) 0.5 - 5 ≥5	Width (μm)	SAED	EDX	ASBESTOS DETECTED Quantity / ID
D10 A5	P					0
02						0
D10 E8	J					0
H7						0
Subtotals B						0 14

REPORTED COUNTABLE ASBESTOS STRUCTURES

Chrysotile	Asbestos 0.5 - 5 (<10) μm	0
Amosite	Asbestos ≥ 5 (≥10) μm	0
Crocidolite	TOTAL Asbestos	0
Tremolite		
Actinolite		
Anthophyllite		

Actual # Grid Squares Analyzed (edit if different) 4 + 4 = 8

Non-asbestos Interferences Noted FG GY Cell Other

Overloaded. No grid squares available with the acceptable particle loading. Minimum Counts Reported. Use this comment only if asbestos structure counts are so high that concentrations have exceeded the level of interest. All method-specific stopping rules must still be followed. EDX Printouts Attached

First Count (Part A)
By* / Date*

TEM*

Asbestos Counted / Grid Sqs.
0 / 4

Second Count or Blank (Part B)
By* / Date*

TEM*

Asbestos Counted / Grid Sqs.
0 / 5

(If different from original analysis)
Maximum loading criteria for a grid square: AHERA 10%
Others: See Individual Method / SOP. If all squares in ≥2 preps are overloaded, reject entire sample as overloaded.

Other Notes
QC → Duplicate Amosite (2 different grid squares)

Section 2 – FACS, Inc. Documentation

2F. Laboratory Accreditations

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 on ISO/IEC 17025).*

2024-07-01 through 2025-06-30

Effective Dates



A handwritten signature in blue ink, reading "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

Nerissa Platon

Phone: 510-266-8183

Email: nerissa.platon@sgs.com

<http://www.falaboratories.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101459-0

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

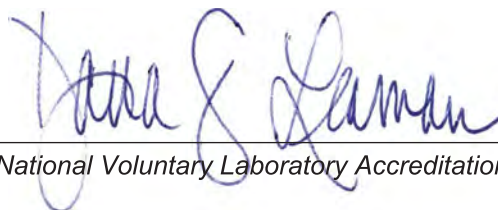
Airborne Asbestos Analysis

Code

Description

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

Section 2 – FACS, Inc. Documentation

2G. Visual Inspection Report Forms

Pre-Start Visual Clearance Report

Date: February 6, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Client: San Joaquin County Office of Education

Contractor: PARC Environmental

Removal Location: Basement

Pre-Start Visual Inspection Result

Findings:	Pass
Comments:	Two layers of 6-mil poly have been installed over the floor of the containment area. There is one layer of 6-mil poly on the walls that are not cleanable (non-concrete). PARC has installed two 2000 CFM negative air machines to provide air pressure differential. Critical barriers in the space have been sealed with 6-mil poly. There is a three-stage decontamination system with shower attached to the containment. There is a viewport to look into the work area. The negative air machines are being exhausted to the exterior of the building by opening a portion of ceiling / floor to the ground level to run the poly exhaust tubes. There is an airless sprayer inside the containment and HEPA-vacuum on hand for use. There are multiple sets of work lights setup around the work area to illuminate work and paths of travel. Permission is given to post asbestos danger signs and start work.



Chris Chipponeri

Final Visual Clearance Report

Date: 02-07-2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: SJCOE

Contractor: PARC

Removal Location: Basement

Visual Inspection Result

Findings:	All designated TSI and drywall has been removed down to the substrate. No visible dust or debris remains.
-----------	---



Trevor Leitz

Pre-Start Visual Clearance Report

Date: February 10, 2025 Project Number: PJ85032 FACS Representative on Site: CJC

Client: San Joaquin County Office of Education

Contractor: PARC Environmental

Removal Location: 3rd Floor

Pre-Start Visual Inspection Result

Findings:	Pass
Comments:	PARC has installed three 2000 CFM negative air machines to provide air pressure differential. Critical barriers in the space have been sealed with 6-mil poly. There is a three-stage decontamination system with shower attached to the containment. There is a viewport to look into the work area. The negative air machines are being exhausted to the exterior of the building by opening a portion of windows to run the poly exhaust tubes. There is an airless sprayer inside the containment and HEPA-vacuum on hand for use. Permission is given to post asbestos danger signs and start work.



Trevor Leitz

Final Visual Clearance Report

Date: 02-12-2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: SJCOE

Contractor: PARC

Removal Location: 3rd Floor

Visual Inspection Result

Findings:	All designated TSI has been removed down to the substrate. No visible dust or debris remains.
-----------	---



Trevor Leitz

Pre-Start Visual Clearance Report

Date: February 10, 2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: San Joaquin County Office of Education

Contractor: PARC Environmental

Removal Location: 1st Floor

Pre-Start Visual Inspection Result

Findings:	Pass
Comments:	Critical barriers in the space have been sealed with 6-mil poly. There is an airless sprayer inside the containment and HEPA-vacuum on hand for use. Permission is given to post asbestos danger signs and start work.



Trevor Leitz

Final Visual Clearance Report

Date: 02-18-2025 Project Number: PJ85032 FACS Representative on Site: TL

Client: SJCOE

Contractor: PARC

Removal Location: 1st Floor

Visual Inspection Result

Findings:	All Lead coated materials has been removed down to the substrate. No visible dust or debris remains.
-----------	--



Trevor Leitz

Section 2 – FACS, Inc. Documentation

2H. Containment Summaries

Containment Progress Summary

Client: San Joaquin County Office of Education

Site: 201 N California, Stockton, CA

Project Number: PJ85032

Contractor Start Date	Containment Location	Materials and Amount Removed	Containment Negative Pressure Test *	Containment Approval for Start of Abatement **	Visual Clearance Passed	Clearance Air Samples Passed	Containment Torn Down, Contractor Released
Date: 02/05/25	Building: 201 N. California Space(s): Basement	Removal of RACM drywall and TSI on pipes.	Date: 02-06-25 Initials: CJC	Date: 02-06-25 Initials: CJC	Date: 02-07-25 Initials: FQ	Date: 02-11-25 Initials: TL	Date: 02-13-25 Initials: TL
Comments:							

* Critical barriers only. Floor and wall poly not yet installed, unless to be used as critical barrier.

** Includes all floor, wall and ceiling poly, decon unit, negative pressure, manometers and GFIs installed, fire extinguishers, emergency exits, water supply, etc.

Containment Progress Summary

Client: San Joaquin County Office of Education

Site: 201 N California, Stockton, CA

Project Number: PJ85032

Contractor Start Date	Containment Location	Materials and Amount Removed	Containment Negative Pressure Test *	Containment Approval for Start of Abatement **	Visual Clearance Passed	Clearance Air Samples Passed	Containment Torn Down, Contractor Released
Date: 02/05/25	Building: 201 N. California Space(s): 3 rd Floor	Removal TSI on pipes.	Date: 02-10-25 Initials: TL	Date: 02-10-25 Initials: TL	Date: 02-12-25 Initials: TL	Date: 02-14-25 Initials: TL	Date: 02-18-25 Initials: TL
Comments:							

* Critical barriers only. Floor and wall poly not yet installed, unless to be used as critical barrier.

** Includes all floor, wall and ceiling poly, decon unit, negative pressure, manometers and GFIs installed, fire extinguishers, emergency exits, water supply, etc.

Containment Progress Summary

Client: San Joaquin County Office of Education

Site: 201 N California, Stockton, CA

Project Number: PJ85032

Contractor Start Date	Containment Location	Materials and Amount Removed	Containment Negative Pressure Test *	Containment Approval for Start of Abatement **	Visual Clearance Passed	Clearance Air Samples Passed	Containment Torn Down, Contractor Released
Date: 02/05/25	Building: 201 N. California Space(s): 1st Floor	Lead Painted Materials	Date: N/A Initials: TL	Date: 02-10-25 Initials: TL	Date: 02-18-25 Initials: TL	Date: N/A Initials: TL	Date: 02-18-25 Initials: TL
Comments:							

* Critical barriers only. Floor and wall poly not yet installed, unless to be used as critical barrier.

** Includes all floor, wall and ceiling poly, decon unit, negative pressure, manometers and GFIs installed, fire extinguishers, emergency exits, water supply, etc.

Section 2 – FACS, Inc. Documentation

2M. Initial Inspection Report



July 19, 2022

Asbestos & Lead Survey Report

**201 North California Street Inspection
San Joaquin County Office of Education
201 North California Street
Stockton, CA 95202**

Prepared for:

**Warren Sun, Division Director
San Joaquin County Office of Education
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FACS Project #PJ71482

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List of Acronyms

AAS	Atomic Absorption Spectroscopy
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
CSST	California – Certified Site Surveillance Technician
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
PCM	Phase Contrast Microscopy
PLM	Polarized Light Microscopy
SGS	SGS - Forensic Laboratories
TEM	Transmission Electron Microscopy
TTLC	Total Threshold Limit Concentration
XRF	X-Ray Fluorescence Spectrum Analyzer
<	Less Than Reporting Limit

Executive Summary

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey at 201 North California Street in Stockton, California. The survey included any suspect asbestos-containing materials (ACM), suspect paints and coatings, and a screening for polychlorinated biphenyls (PCBs) which may be present within the building prior to a potential real estate transaction. A summary list of suspect asbestos-containing materials which were identified and sampled is included in Appendix A of this report. A table reporting suspect lead-containing paints or coatings which were identified and sampled is included in Appendix B of this report. The chain-of-custody and laboratory results for PCB sampling are provided in Appendix C. The survey was performed on July 7, 2022.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Thermal System Insulation- 6" (Aircell) – 75% Chrysotile**
- **Thermal System Insulation- 8" (Aircell) – 75% Chrysotile**
- **Hard Elbow- 6" – 30% Chrysotile**
- **Hard Elbow- 8" – 30% Chrysotile**
- **Drywall – Tape and Joint Compound – 2% Chrysotile**

Please see Appendix A for a complete listing of materials sampled at the work areas and results during this survey. Any suspect materials not included must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

Lead

The following paints/coatings were found to be **lead-based** by laboratory analysis:

- **Green Paint on Plaster Walls – 1st Floor**

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- **Brown Paint on Metal Window Frames – Exterior**
- **Brown Paint on Wood Framing – Exterior**
- **Beige Paint on Plaster Walls – 1st & 2nd Floor**
- **Plaster and paint chip debris on floor – Throughout**

Any paints not included in the survey must be handled as lead-containing unless sampled and proven otherwise.

Polychlorinated biphenyls (PCB's)

The purpose of this survey was to assist San Joaquin County Office of Education in sampling Priority Building Materials from the Bay Area Stormwater Management Agencies Association (BASMAA). In addition, this survey was intended to provide information concerning the PCB-containing materials that could require removal and disposal per the U.S. Environmental Protection Agency (USEPA), Region 9, for compliance with 40 CFR 761.

FACS sampled two (2) suspect PCB-containing materials on the structure that will be impacted by the planned activities. The material tested did not have PCBs at concentrations equal to or in excess of 50

milligram per kilogram (mg/kg). No detectable concentrations of PCBs were reported in the two samples collected from the material from the structure.

Various potential PCB-containing light ballasts and mercury light tubes were visually observed during the survey.

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

Introduction

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey at 201 North California Street in Stockton, California. The survey included any suspect asbestos-containing materials (ACM), suspect paints and coatings, and a screening for PCB-containing materials which may be present within the building prior to a potential real estate transaction. The survey was performed on July 7, 2022.

Scope of Work

The purpose of this survey was to identify asbestos-containing materials (ACMs), lead-containing paints and coatings, and PCB-containing materials which may be present as part of a real estate transaction. The visual inspection, bulk sampling, and survey documentation were performed by Tyler Faison and Trevor Leitz. Mr. Faison is a Division of Occupational Safety and Health (DOSH) Certified Asbestos Consultant (CAC #10-6824) and California Department of Public Health (CDPH) Certified Lead Inspector/Assessor (LRC-00002454). Mr. Leitz is a DOSH Certified Site Surveillance Technician (CSST #19-6682) and a California Department of Public Health (CDPH) Certified Lead Sampling Technician (LRC-00003432). Technical oversight was provided by Chris Chipponeri, who is a DOSH Certified Asbestos Consultant (CAC #10-4633) and CDPH Certified Lead Inspector/Assessor (LRC-00000782), as required under California regulations. 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), lead-containing paints and coatings, and PCB-containing materials that were present at the site;
- Collection of bulk material samples for asbestos laboratory analysis by polarized light microscopy (PLM);
- Collection of bulk paint chip samples for lead laboratory analysis using atomic absorption spectrometry (AAS);
- Collection of bulk material samples for PCB laboratory analysis using gas chromatography;
- Ensuring the technical quality of all work by using Asbestos Hazard Emergency Response Act (AHERA) accredited Building Inspectors;
- Ensuring the technical quality of all work by using California Department of Public Health (CDPH) Certified Lead Sampling Technicians and Inspector/Assessors;
- Consolidating data and findings into a report format.

Site Characterization

The structure located at 201 North California Street was comprised of common construction materials such as plaster, brick and mortar, rolled composition roofing, and various insulation materials. The structure was three stories with a basement. The majority of building materials throughout the three floors have been removed prior to this inspection. This includes floor, wall, and ceiling finishes. Remnants of drywall material remains periodically throughout the three floors which was known to be asbestos-containing in prior reports provided to FACS by Warren Sun.

Survey Methods

Document Review

Prior inspection report data was provided by Warren Sun. The data was used to review asbestos containing materials that were abated prior to the inspection.

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 ft² or less - collect 3 samples
 - 1,001 to 5,000 ft² - collect 5 samples
 - 5,001 ft² 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. PJ71482-01A) 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 thirty-nine (39) bulk samples were collected from a total of twenty (20) suspect materials. Bulk samples were analyzed by SGS-Forensic Laboratories (SGS) in Hayward, California. SGS 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 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 six (6) bulk paint chip samples for laboratory confirmation of lead-content. Each sample was scraped from the substrate it had been applied to using a knife or chisel to obtain sufficient material for analysis. Each sample was given a unique marker number, identified on a chain-of-custody, packaged, and sent via FedEx to SGS in Hayward, California for analysis. SGS 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.

PCB Inspection

Polychlorinated Biphenyls (PCBs). Bulk samples of sufficient quantity were collected using disposable blades/box cutters and wrapped in foil and placed in plastic baggies. Disposable blades/box cutters were properly disposed and replaced to avoid cross contamination between samples. Samples were labeled using a unique identification number and transported under chain-of-custody to an AIHA accredited analytical laboratory (Eurofins, Garden Grove, California facility). The samples were prepared in accordance with EPA Method 3540C (Soxhlet extraction), as indicated in the laboratory analytical report, and analyzed in accordance with EPA Method 8082A (gas chromatography). Results of PCB concentrations are provided as Aroclors in mg/kg (ppm). All samples were stored and shipped in a cooler with ice packs.

Regulations

Background

Asbestos is the name of a class of magnesium-silicate minerals that occur in fibrous form. Minerals that are included in this group are chrysotile, crocidolite, amosite, anthophyllite asbestos, tremolite asbestos, and actinolite asbestos. Although the chrysotile minerals are the most common type of asbestos found in the construction industry, all types of asbestos are regulated in the same manner. Asbestos has been used in more than 3,000 different building materials. Asbestos was added to building materials to: increase fire-resistance, insulate against heat, cold and sound, resist corrosion, and increase tensile strength. Common building materials that may contain asbestos include but are not limited to the following: floor tile, resilient sheet flooring, ceiling tile, mastics, roofing materials, fireproofing, acoustical treatments, wallboard, pipe and boiler insulations. Adverse health effects have been associated with the inhalation of airborne asbestos. However, asbestos fibers that are tightly bound in the building material, may not represent an exposure hazard, unless disturbed in such a way that releases airborne fibers (i.e., cutting, drilling, sanding, and other abrasive methods).

Building Surveys

The following is a summary of some current Federal and California State regulations which contain requirements related to the performance of building surveys for asbestos. These summaries are not intended to be all inclusive and do not contain every aspect of the regulations discussed.

U.S. EPA National Emission Standard for Hazardous Air Pollutants (NESHAPs), 40 CFR Part 61

Under the NESHAPs regulation, no visible emissions are allowed during building demolition or renovation activities which involve regulated asbestos-containing materials. For this reason, all buildings must be surveyed for asbestos-containing materials prior to demolition or renovation. The EPA, CARB, and/or the local Air Quality Management District which implements EPA actions, must be notified prior to any building demolition even if no asbestos-containing materials are present.

Regulated asbestos-containing material (RACM) is defined as a) any friable material with an asbestos content of greater than one percent, or b) any non-friable material with asbestos content of greater than one percent that will, or could, become friable.

Asbestos Hazard Emergency Response Act (AHERA), 40 CFR Part 763, Subpart E

AHERA requires performance of asbestos surveys and the development of Asbestos Management Plans for all primary and secondary schools in the United States. Although this regulation applies to primary and secondary schools only, the procedures mandated under AHERA are considered the industry

standard and are applied to all surveys performed by FACS unless otherwise specified by the building owner.

Worker Protection

California Assembly Bill AB3713, Health and Safety Code Division 20, Chapter 10.4, Section 25915-25924

The state of California has enacted legislation that requires building owners, employers, lessees, etc. to notify tenants, employees and contractors of the presence of asbestos in both friable and non-friable forms. In addition, preventive maintenance activities must be developed and communicated to these parties. Notification is required 15 days after the identification of ACM in the building, and annually thereafter.

Occupational Safety and Health Administration (OSHA) 29 CFR 1926.1101 and 8 CCR 1529

The Federal and State Occupational Safety and Health Administrations (OSHA) require employers to implement specific work practices which protect workers from airborne asbestos exposure.

Building materials which contain even low levels of asbestos (<1%) can potentially generate significant concentrations of airborne asbestos fibers when disturbed. Therefore, control measures should be instituted which adequately address worker health and safety during planned renovation or demolition activities involving these materials. Cal/OSHA defines asbestos-containing construction materials as those materials having greater than one tenth of one percent asbestos (>0.1%). As stated previously, there is currently no viable method to accurately quantify asbestos at this level.

Hazardous Waste

Building materials reported to contain less than one percent (<1%) of asbestos are not considered hazardous by the U.S. EPA, and hence, may not require removal and disposal prior to demolition or renovation. Regulations may vary, however, between regional air quality management districts and/or other state agencies responsible for implementing EPA's rules. Therefore, local agencies should be contacted for specific ACM definitions and handling requirements. Cal/OSHA may also require special packaging and labeling on containers with asbestos-containing construction materials.

Composite sampling, which may potentially reduce the total asbestos content of the material, is only permitted when sampling joint compound, tape, and gypsum wallboard according to EPA's Asbestos NESHAP Clarification Regarding Analysis of Multi-Layered Systems (40 CFR Part 61 FRL-4821-7).

Lead

Cal/OSHA Lead (8 CCR 1532.1) & CDPH (Title 17)

If paints or coatings containing any detectable concentration of lead will be impacted, a project should be considered regulated by Cal/OSHA as lead-related construction (8 CCR 1532.1).

A contractor who has employees that may be occupationally exposed to lead during a project must perform an initial determination regarding worker exposures to lead, which may be based on personal air monitoring at the start of the project, prior employee monitoring from the past 12 months under workplace conditions closely resembling the current project, or objective data demonstrating that exposures will not exceed the Cal/OSHA action level (30 micrograms per cubic meter of air). It is the contractor's responsibility to conduct their initial determination and comply with any relevant Cal/OSHA requirements.

Workers disturbing existing paints or coatings during a project must have lead awareness or action level training depending on the initial exposure determination and lead-safe work practices must be used. Disturbance of lead-containing paints or coatings must be performed within a contained area to prevent the spread and build-up of lead dust in order to comply with CDPH requirements. HEPA vacuums, dustless tools or shrouds, and/or intact removal of components should be employed to minimize lead dust generation and properly cleanup work areas following disturbance to lead-containing materials during a project. Waste generated during disturbance to lead-containing materials must be profiled in a hazardous waste determination to ascertain proper disposal requirements.

If the initial determination or initial exposure monitoring shows that workers impacting lead can be expected to be or are shown to be exposed to lead above the Cal/OSHA permissible exposure level (50 micrograms per cubic meter of air) workers and supervisors must have the requisite training and CDPH lead worker or supervisor certification.

Findings and Recommendations

Forensic Analytical Consulting Services, Inc. (FACS) was retained by San Joaquin County Office of Education to perform a hazardous building materials survey of 201 North California Street in Stockton, California.

Asbestos

The following suspect materials were sampled and identified to **contain** asbestos by laboratory analysis during this survey:

- **Thermal System Insulation- 6" (Aircell) – 75% Chrysotile**
- **Thermal System Insulation- 8" (Aircell) – 75% Chrysotile**
- **Hard Elbow- 6" – 30% Chrysotile**
- **Hard Elbow- 8" – 30% Chrysotile**
- **Drywall – Tape and Joint Compound – 2% Chrysotile**

Please see Appendix A for a complete listing of materials sampled at the work areas and results during this survey. Any suspect materials not included must be assumed to be asbestos-containing materials until tested and proven not to contain asbestos.

Removal of more than 100 square feet of asbestos-containing materials must be completed by a contractor registered with DOSH as an asbestos abatement contractor. The contractor must also hold the C-22 asbestos abatement license from the CSLB to perform abatement of more than 100 square feet of asbestos-containing materials.

Workers abating asbestos-containing materials must have AHERA Worker training and one worker shall be trained to the AHERA Contractor-Supervisor level. Workers will need to use containment, work practices, and engineering controls as required by Cal/OSHA for the various classes of work that may be required to be performed. The contractor performing abatement must also file a "report of use" temporary worksite notification to the local Cal/OSHA office at least 24 hours prior to mobilizing to the site.

The US EPA NESHAP regulation requires the abatement of asbestos-containing materials that are friable or likely to become friable by forces impacting them as part of any renovation activities. If more than 160 square feet of RACM will be generated by the project, a 10-working day notification must be filed with the San Joaquin Valley Air Pollution Control District prior to work commencing onsite. Those materials that are friable, or non-friable materials made friable during removal, would need to be

disposed of as hazardous (regulated) asbestos-containing material. Non-friable materials that are not made friable may be disposed of as non-hazardous asbestos-containing waste material at a landfill that will accept the waste.

See the Regulations section above for additional information regarding asbestos compliance.

Lead

The following paints/coatings were found to be **lead-based** by laboratory analysis:

- **Green Paint on Plaster Walls – 1st Floor**

The following paints/coatings were found to be **lead-containing** by laboratory analysis:

- **Brown Paint on Metal Window Frames – Exterior**
- **Brown Paint on Wood Framing – Exterior**
- **Beige Paint on Plaster Walls – 1st & 2nd Floor**
- **Plaster and paint chip debris on floor – Throughout**

Any paints not included in the survey must be handled as lead-containing unless sampled and proven otherwise.

Workers that impact paints containing any detectable amount of lead must use lead-safe practices and have valid training for the method of impact to comply with Cal/OSHA, 8 CCR 1532.1. To comply with CDPH requirements, any disturbance to paints or coatings that contain lead must be completed within a contained area to prevent the creation of a lead hazard. To comply with California Department of Toxic Substance Control and Title 22 requirements, any waste streams containing lead must be profiled prior to disposal. See the Regulations section above for additional information regarding lead compliance.

Polychlorinated Biphenyls (PCBs)

All sampled materials were found to not contain PCBs. 40 CFR 761 states that if a material contained PCBs at concentrations <50 mg/kg at the time of installation, then that material is an excluded PCB product and not subject to the requirements of the rule. These materials were defined as excluded PCB products in the Waste Plan that was submitted to US EPA Region 9. The following suspect materials were sampled:

1. Fiberglass Insulation – Pipes
2. Fiberglass Insulation – Boiler

The materials tested did not have PCBs at concentrations equal to or in excess of 50 mg/kg. No detectable concentrations of PCBs were reported in the samples collected from the structure.

Concealed suspect PCB-containing materials may be revealed during demolition activities. Any such materials should be assumed to be PCB-containing at concentrations ≥ 50 mg/kg unless proven otherwise by appropriate sampling and laboratory analysis. Any assumed or confirmed PCB-containing materials must be addressed in accordance with all applicable Federal, State, and local regulatory requirements.

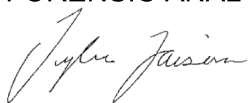
FACS recommends that the results of this report be incorporated into any renovation/demolition plans provided for this project for informational purposes.

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.

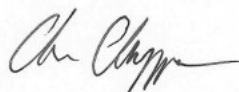
Please do not hesitate to contact our office at 209-551-2000 with any questions or concerns. Thank you for the opportunity to assist San Joaquin County Office of Education with promoting worker safety and a healthy environment.

Respectfully,
FORENSIC ANALYTICAL



Tyler Faison
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Cal/OSHA CAC #16-6824
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Reviewed by:
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Appendix A

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

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022							Asbestos NESHAP Category	Approximate Quantity (ft ²)
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)				
01A-01C	TSI Straight – 6” (Aircell)	Basement / Third Floor	01	Layer: 75% Chrysotile in White Fibrous Material Layer: ND in White Woven Material			RACM / Friable	120 In ft
02A	TSI Elbow – 6”	Basement / Third Floor	02	Layer: 30% Chrysotile in Grey Semi-Fibrous Material Layer: ND in White Woven Material			RACM / Friable	12 ea.
03A-03C	TSI Straight – 8” (Aircell)	Basement / Third Floor	03	Layer: 75% Chrysotile in White Fibrous Material Layer: ND in White Woven Material			RACM / Friable	200 In ft
04A	TSI Elbow – 8”	Basement / Third Floor	04	Layer: 30% Chrysotile in Grey Semi-Fibrous Material Layer: ND in White Woven Material			RACM / Friable	22 ea.
05A, 05B	Floor Filler	First Floor	05	N/A			N/A	N/A
06A	Floor Underlayment	First Floor	06	N/A			N/A	N/A
07A-07D	Plaster	First Floor	07	N/A			N/A	N/A
08A	16” Brick and Mortar	Basement	08	N/A			N/A	N/A

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022							Asbestos NESHAP Category	Approximate Quantity (ft ²)
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)				
09A-09D	Drywall - Unfinished	First Floor – Third Floor	09	N/A			N/A	N/A
10A-10C	Drywall – Tape and Joint Compound	Basement	10	Layer: White Drywall ND Layer: Off-White Joint Compound Chrysotile 2 % Layer: Drywall Tape ND Layer: Off-White Joint Compound Chrysotile 2 % Layer: Paint ND			RACM / Friable	5,120 sq ft
11A	4" Baseboard and Mastic - Green	First Floor	11	N/A			N/A	N/A
12A	12" VFT and Mastic - Red	First Floor	12	N/A			N/A	N/A
13A	Toilet Gasket	Third Floor	13	N/A			N/A	N/A
14A	Linoleum and Mastic - Red	First Floor	14	N/A			N/A	N/A
15A-15C	Texture on Plaster	First Floor	15	N/A			N/A	N/A
16A-16C	Brick and Mortar	First Floor	16	N/A			N/A	N/A
17A	Linoleum and Mastic – Beige	First Floor	17	N/A			N/A	N/A
18A	Linoleum and Mastic – Blue Pebble	First Floor	18	N/A			N/A	N/A

Asbestos Survey Summary (Lab Report # B335482) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022						
Sample Number	Material Description	Location(s) of Material	Material Number	Asbestos Content (%)	Asbestos NESHAP Category	Approximate Quantity (ft ²)
19A-19C	Rolled Composition Roofing	Roof	19	N/A	N/A	N/A
20A	Penetration Mastic - Black	Roof	20	N/A	N/A	N/A



FORENSIC
LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 01A	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 01B	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 01C	7-7-22	TSI Straight - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 02A	7-7-22	TSI Elbow - 6" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03A	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03B	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03C	7-7-22	TSI Straight - 8" (Aircell) Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 04A	7-7-22	TSI Elbow - 8" (Aircell) 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05A	7-7-22	Floor Filler 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05B	7-7-22	Floor Filler 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:	Relinquished By:	Relinquished By:	
Date / Time: 7-7-22	Date / Time:	Date / Time:	
Received By:	Received By:	Received By:	
Date / Time: 7-7-22	Date / Time:	Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

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FORENSIC
LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project		
Comments:		<input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
		<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only		

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 06A	7-7-22	Flooring Underlayment 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07A	7-7-22	Plaster 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07B	7-7-22	Plaster 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07C	7-7-22	Plaster 2nd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 07D	7-7-22	Plaster 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 08A	7-7-22	16" Red Brick Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09A	7-7-22	Drywall - Unfinished 3rd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09B	7-7-22	Drywall - Unfinished 1st Floor - SE Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09C	7-7-22	Drywall - Unfinished 1st Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 09D	7-7-22	Drywall - Unfinished 2nd Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:	Relinquished By:	Relinquished By:	
Date / Time: 7-7-22	Date / Time:	Date / Time:	
Received By:	Received By:	Received By:	
Date / Time:	Date / Time:	Date / Time:	
Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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LABORATORIES

Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count 400 - 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method: Analytes:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 10A	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 10B	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 10C	7-7-22	Drywall - Tape & Joint Compound Basement	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 11A	7-7-22	4" Baseboard & Mastic - Green 1st Floor - NW Corner	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 12A	7-7-22	12" VFT - Red 1st Floor	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 13A	7-7-22	Toilet Gasket 3rd Floor - South Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 14A	7-7-22	Linoleum & Mastic - Red 1st Floor - East Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15A	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15B	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 15C	7-7-22	Texture on Plaster 1st Floor - North Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:		Relinquished By:	
Date / Time: 7-7-22		Date / Time:	
Received By:		Received By:	
Date / Time: JUL 08 2022 11:36		Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Avenue Modesto, CA 95354		Client No.: MOD08	PO / Job#: PJ71482	Date: 7-7-22
Contact: Tyler Faison		Phone: (209) 551-2000	Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day	
E-mail: Tfaison@forensicanalytical.com		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer <input checked="" type="checkbox"/> PLM: <input checked="" type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="checkbox"/> 400 / <input type="checkbox"/> 1000 / <input type="checkbox"/> CARB 435		
Site Name: SJCOE		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)		
Site Location: 201 North California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Particle Identification (TEM LAB) <input type="checkbox"/> Special Project <input type="checkbox"/> Metals Analysis Matrix: Method:		
Comments:			<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only	

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 16A	7-7-22	Brick & Mortar 2nd Floor	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 16B	7-7-22	Brick & Mortar 1st Floor	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 16C	7-7-22	Brick & Mortar Exterior - West Center	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 17A	7-7-22	Linoleum - Beige 1st Floor - West Center	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 18A	7-7-22	Linoleum - Blue Pebble 1st - NW Corner	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19A	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19B	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 19C	7-7-22	Rolled Comp Roofing Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 20A	7-7-22	Penetration Mastic - Black Roof	<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: T. Faison T. Leitz Date/Time: 7-7-22		Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By: 		Relinquished By:	
Date / Time: 7-7-22		Date / Time:	
Received By: 		Received By:	
Date / Time: JUL 08 2022 11:56		Date / Time:	
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No	

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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 - Modesto
Tyler Faison
21228 Cabot Blvd.

Hayward, CA 94545

Client ID: MOD08
Report Number: B335482
Date Received: 07/08/22
Date Analyzed: 07/15/22
Date Printed: 07/15/22
First Reported: 07/15/22

Job ID/Site: PJ71482; San Joaquin County Office of Education Building 201 North California
Street Stockton CA

Date(s) Collected: 07/07/2022

SGSFL Job ID: MOD08
Total Samples Submitted: 39
Total Samples Analyzed: 39

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-01A	12584378						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-01B	12584379						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-01C	12584380						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-02A	12584381						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-03A	12584382						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: Silver Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-03B	12584383						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							

Client Name: FACS - Modesto**Report Number:** B335482**Date Printed:** 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-03C	12584384						
Layer: White Fibrous Material		Chrysotile	75 %				
Layer: Silver Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-04A	12584385						
Layer: Grey Semi-Fibrous Material		Chrysotile	30 %				
Layer: White Woven Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (25 %)							
PJ71482-05A	12584386						
Layer: White Non-Fibrous Material			ND				
Layer: Grey Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-05B	12584387						
Layer: White Non-Fibrous Material			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-06A	12584388						
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (90 %)							
PJ71482-07A	12584389						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-07B	12584390						
Layer: White Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-07C	12584391						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							

Client Name: FACS - Modesto

Report Number: B335482

Date Printed: 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-07D	12584392						
Layer: Grey Plaster			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-08A	12584393						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (Trace)							
PJ71482-09A	12584394						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09B	12584395						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09C	12584396						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-09D	12584397						
Layer: White Drywall			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-10A	12584398						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Drywall Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							
PJ71482-10B	12584399						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Drywall Tape			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components: Cellulose (20 %) Fibrous Glass (10 %)							

Client Name: FACS - Modesto**Report Number:** B335482**Date Printed:** 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-10C	12584400						
Layer: White Drywall			ND				
Layer: Off-White Joint Compound		Chrysotile	2 %				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %)	Fibrous Glass (10 %)						
PJ71482-11A	12584401						
Layer: Green Non-Fibrous Material			ND				
Layer: Tan Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-12A	12584402						
Layer: Red Tile			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-13A	12584403						
Layer: Black Non-Fibrous Material			ND				
Layer: Yellow Non-Fibrous Material			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-14A	12584404						
Layer: Red Paint			ND				
Layer: Tan Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Dark Brown Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (25 %)	Synthetic (10 %)						
PJ71482-15A	12584405						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-15B	12584406						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							

Client Name: FACS - Modesto**Report Number:** B335482**Date Printed:** 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-15C	12584407						
Layer: White Plaster			ND				
Layer: White Texture			ND				
Layer: Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16A	12584408						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16B	12584409						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-16C	12584410						
Layer: Red Cementitious Material			ND				
Layer: Grey Mortar			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (Trace)							
PJ71482-17A	12584411						
Layer: Beige Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
PJ71482-18A	12584412						
Layer: Grey Sheet Flooring			ND				
Layer: Fibrous Backing			ND				
Layer: Yellow Mastic			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (20 %) Fibrous Glass (5 %) Synthetic (10 %)							
PJ71482-19A	12584413						
Layer: White Roof Shingle			ND				
Layer: White Roof Shingle			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							

Client Name: FACS - Modesto

Report Number: B335482

Date Printed: 07/15/22

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
PJ71482-19B	12584414						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
PJ71482-19C	12584415						
Layer: Stones			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Layer: Black Tar			ND				
Layer: Black Felt			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
Cellulose (2 %) Fibrous Glass (45 %)							
Comment: Bulk complex sample.							
PJ71482-20A	12584416						
Layer: Black Mastic			ND				
Layer: Silver Paint			ND				
Total Composite Values of Non-Asbestos Fibrous Components:							
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 Paint Chip Summary, Sample Chain-of-Custody, Laboratory Results Report, XRF Testing Data and CDPH 8552 Form

Lead Paint Chip Summary (Lab Report #M243302) SJCOE – 201 N California Street, Stockton, CA Survey Date: July 7, 2022					
Sample Number	Component Location	Component	Color	Substrate	Analytical Results (weight percent of lead)
01Pb	Exterior	Window Frame	Brown	Metal	0.082%
02Pb	Exterior	Framing	Brown	Wood	0.012%
03Pb	2 nd Floor	Wall	Beige	Plaster	0.008%
04Pb	1 st Floor	Wall	Green	Plaster	0.78%
05Pb	1 st Floor	Wall	Brown	Plaster	0.25%
06Pb	1 st Floor / 2 nd Floor	Floor			0.006%



**FORENSIC
LABORATORIES**

Analysis Request Form (COC)

Client Name & Address: FACS Modesto 207 McHenry Ave Modesto, CA 95354		Client No.: Mod08	PO / Job#: PJ71482		Date: 7.7.2022
		Turn Around Time: <input type="checkbox"/> Same Day / <input type="checkbox"/> 1Day / <input type="checkbox"/> 2Day / <input type="checkbox"/> 3Day / <input type="checkbox"/> 4Day / <input checked="" type="checkbox"/> 5Day			
		<input type="checkbox"/> PCM: <input type="checkbox"/> NIOSH 7400A / <input type="checkbox"/> NIOSH 7400B <input type="checkbox"/> Rotometer			
		<input type="checkbox"/> PLM: <input type="checkbox"/> Standard / <input type="checkbox"/> Point Count <input type="text" value="400"/> <input type="text" value="1000"/> / <input type="checkbox"/> CARB 435			
Contact: Tyler Faison		Phone: (209) 551-2000		<input type="checkbox"/> TEM Air: <input type="checkbox"/> AHERA / <input type="checkbox"/> Yamate2 / <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> TEM Bulk: <input type="checkbox"/> Quantitative / <input type="checkbox"/> Qualitative / <input type="checkbox"/> Chatfield <input type="checkbox"/> TEM Water: <input type="checkbox"/> Potable / <input type="checkbox"/> Non-Potable / <input type="checkbox"/> Weight % <input type="checkbox"/> TEM Dust: <input type="checkbox"/> D5755 (microvac) / <input type="checkbox"/> D6480 (wipe)	
E-mail: tfaison@forensicanalytical.com					
Site Name: SJCOE					
Site Location: 201 N California Street, Stockton, CA		<input type="checkbox"/> IAQ Particle Identification (PLM LAB) <input type="checkbox"/> Particle Identification (TEM LAB)		<input type="checkbox"/> PLM Opaques/Soot <input type="checkbox"/> Special Project	
Comments:					
<input type="checkbox"/> Silica in Air <input type="checkbox"/> w/Gravimetry <input type="checkbox"/> Quartz Only					

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY				Sample Area / Air Volume
			Type	Time On/Off	Avg LPM	Total Time	
PJ71482 - 01Pb	7.7.2022	Brown Paint on Metal Window Frame Exterior - South Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 02Pb	7.7.2022	Brown Paint on Wood Framing Exterior - West Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 03Pb	7.7.2022	Beige Paint on Plaster 2nd Floor - North Side near stairway	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 04Pb	7.7.2022	Green Paint on Plaster 1st Floor - South Side, Center	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 05Pb	7.7.2022	Brown Paint on Plaster 1st Floor - West Side, South End	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
PJ71482 - 06Pb	7.7.2022	Plaster and paint chip debris on floor 1st Floor - North Side near stairway	<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				
			<input checked="" type="checkbox"/> A <input type="checkbox"/> P <input type="checkbox"/> C				

Sampled By: Tyler Faison		Date/Time: 7.7.2022	Shipped Via: <input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> US Mail <input type="checkbox"/> Courier <input type="checkbox"/> Drop Off <input type="checkbox"/> Other:	
Relinquished By:		Relinquished By:		Relinquished By:
Date / Time: 7.7.2022		Date / Time:		Date / Time:
Received By:		Received By:		Received By:
Date / Time: Jul 08 2022 11:30		Date / Time:		Date / Time:
Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Condition Acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

SGS Forensic Laboratories may subcontract client samples to other SGSFL locations to meet client requests.

San Francisco Office: 3777 Depot Road, Suite 409, Hayward, CA 94545-2761 • Phone: 510/887-8828 • 800/827-3274

Los Angeles Office: 20535 South Belshaw Ave., Carson, CA 90746 • Phone: 310/763-2374 • 888/813-9417

Las Vegas Office: 6765 S. Eastern Avenue, Suite 3, Las Vegas, NV 89119 • Phone: 702/784-0040

Chicago Office: 3020 Woodcreek Drive, Suite C, Downers Grove, IL 60515 • Phone: 341/465-2464

Metals Analysis of Paints

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

FACS - Modesto

Tyler Faison

21228 Cabot Blvd.

Hayward, CA 94545

Client ID: MOD08

Report Number: M243302

Date Received: 07/08/22

Date Analyzed: 07/15/22

Date Printed: 07/15/22

First Reported: 07/15/22

Job ID / Site: PJ71482; San Joaquin County Office of Education Building 201 North California
Street Stockton CA

SGSFL Job ID: MOD08

Date(s) Collected: 7/7/22

Total Samples Submitted: 6

Total Samples Analyzed: 6

Sample Number	Lab Number	Analyte	Result	Result Units	Reporting Limit*	Method Reference
PJ71482-01PB	30908544	Pb	0.082	wt%	0.006	EPA 3050B/7000B
PJ71482-02PB	30908545	Pb	0.012	wt%	0.006	EPA 3050B/7000B
PJ71482-03PB	30908546	Pb	0.008	wt%	0.006	EPA 3050B/7000B
PJ71482-04PB	30908547	Pb	0.78	wt%	0.06	EPA 3050B/7000B
PJ71482-05PB	30908548	Pb	0.25	wt%	0.02	EPA 3050B/7000B
PJ71482-06PB	30908549	Pb	0.006	wt%	0.006	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.



Kevin Poon, Laboratory Analyst, 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.

Note* Sampling data used in this report was provided by the client as noted on the associated chain of custody form.


LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** July 7, 2022**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)] 201 N California Street		City Stockton	County San Joaquin	Zip Code 95202
Construction date (year) of structure Unknown	Type of structure <input checked="" type="checkbox"/> Multi-unit building <input 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 San Joaquin County Office of Education		Telephone number 209-468-9102		
Address [number, street, apartment (if applicable)] 2922 Transworld Drive		City Stockton	State CA	Zip Code 95206

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 Tyler Faison		Telephone number 209-551-2000		
Address [number, street, apartment (if applicable)] 207 McHenry Ave		City Modesto	State CA	Zip Code 95354
CDPH certification number I/A LRC-00002454	Signature 		Date 7.20.2022	

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

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

PCB Sample Chain-of-Custody and Laboratory Results Report

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-102798-1

Client Project/Site: SJCOE-201 N California St. / PJ71482

For:

Forensic Analytical Consulting Services
21228 Cabot Blvd
Hayward, California 94544

Attn: Tyler Faison



Authorized for release by:

7/15/2022 10:15:13 AM

Carla Hollowell, Project Manager I
(714)895-5494

Carla.Hollowell@et.eurofinsus.com

LINKS

Review your project
results through



Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Job ID: 570-102798-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative 570-102798-1

Comments

No additional comments.

Receipt

The samples were received on 7/12/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 20.7° C.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method 3540C: Due to the matrix, the initial volume(s) used for the following samples deviated from the standard procedure: PJ71482-PCB1 (Fiberblass) (570-102798-1), PJ71482-PCB2 (Fiberblass) (570-102798-2), (570-102798-A-1 MS) and (570-102798-A-1 MSD). The reporting limits (RLs) have been adjusted proportionately. The initial amount weighed was changed from 20g to 1g; 8082

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Date Collected: 07/07/22 10:30

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.90	0.89	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1221	ND		0.90	0.89	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1232	ND		0.90	0.89	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1242	ND		0.90	0.89	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1248	ND		0.90	0.89	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1254	ND		0.90	0.49	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1260	ND		0.90	0.49	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1262	ND		0.90	0.49	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1
Aroclor-1268	ND		0.90	0.49	mg/Kg	☆	07/13/22 10:50	07/15/22 06:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 06:23	1
Tetrachloro-m-xylene (Surr)	86		25 - 126	07/13/22 10:50	07/15/22 06:23	1

Client Sample ID: PJ71482-PCB2 (Fiberblass)

Date Collected: 07/07/22 10:32

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.89	0.87	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1221	ND		0.89	0.87	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1232	ND		0.89	0.87	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1242	ND		0.89	0.87	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1248	ND		0.89	0.87	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1254	ND		0.89	0.48	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1260	ND		0.89	0.48	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1262	ND		0.89	0.48	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1
Aroclor-1268	ND		0.89	0.48	mg/Kg	☆	07/13/22 10:50	07/15/22 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 06:42	1
Tetrachloro-m-xylene (Surr)	83		25 - 126	07/13/22 10:50	07/15/22 06:42	1

Client Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

General Chemistry

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Date Collected: 07/07/22 10:30

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-1

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.2		0.1	0.1	%			07/13/22 21:48	1
Percent Solids	99.8		0.1	0.1	%			07/13/22 21:48	1

Client Sample ID: PJ71482-PCB2 (Fiberblass)

Date Collected: 07/07/22 10:32

Date Received: 07/12/22 10:00

Lab Sample ID: 570-102798-2

Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	0.1		0.1	0.1	%			07/13/22 21:48	1
Percent Solids	99.9		0.1	0.1	%			07/13/22 21:48	1

Surrogate Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCB1	TCX1
		(20-155)	(25-126)
570-102798-1	PJ71482-PCB1 (Fiberblasse)	93	86
570-102798-1 MS	PJ71482-PCB1 (Fiberblasse)	93	85
570-102798-1 MSD	PJ71482-PCB1 (Fiberblasse)	89	80
570-102798-2	PJ71482-PCB2 (Fiberblasse)	93	83
LCS 570-248885/2-A	Lab Control Sample	97	80
LCSD 570-248885/3-A	Lab Control Sample Dup	94	79
MB 570-248885/1-A	Method Blank	93	78

Surrogate Legend

DCB = DCB Decachlorobiphenyl (Surr)

TCX = Tetrachloro-m-xylene (Surr)

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-248885/1-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 248885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1221	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1232	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1242	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1248	ND		0.050	0.049	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1254	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1260	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1262	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1
Aroclor-1268	ND		0.050	0.027	mg/Kg		07/13/22 10:50	07/15/22 04:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	93		20 - 155	07/13/22 10:50	07/15/22 04:48	1
Tetrachloro-m-xylene (Surr)	78		25 - 126	07/13/22 10:50	07/15/22 04:48	1

Lab Sample ID: LCS 570-248885/2-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	0.100	0.09476		mg/Kg		95	50 - 142
Aroclor-1260	0.100	0.1077		mg/Kg		108	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	97		20 - 155
Tetrachloro-m-xylene (Surr)	80		25 - 126

Lab Sample ID: LCSD 570-248885/3-A

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	0.100	0.09458		mg/Kg		95	50 - 142	0	30
Aroclor-1260	0.100	0.1001		mg/Kg		100	50 - 150	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	94		20 - 155
Tetrachloro-m-xylene (Surr)	79		25 - 126

Lab Sample ID: 570-102798-1 MS

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblass)

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1.89	1.861		mg/Kg	☼	98	20 - 175
Aroclor-1260	ND		1.89	2.221		mg/Kg	☼	117	20 - 180

Eurofins Calscience

QC Sample Results

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 570-102798-1 MS

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Prep Batch: 248885

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	93		20 - 155
Tetrachloro-m-xylene (Surr)	85		25 - 126

Lab Sample ID: 570-102798-1 MSD

Matrix: Solid

Analysis Batch: 249144

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Prep Batch: 248885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1.76	1.564		mg/Kg	⊛	89	20 - 175	17	40
Aroclor-1260	ND		1.76	1.930		mg/Kg	⊛	110	20 - 180	20	40
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
DCB Decachlorobiphenyl (Surr)	89		20 - 155								
Tetrachloro-m-xylene (Surr)	80		25 - 126								

Method: Moisture - Percent Moisture

Lab Sample ID: 570-102798-1 DU

Matrix: Solid

Analysis Batch: 249097

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	0.2		0.2		%		1	10
Percent Solids	99.8		99.8		%		0	10

Lab Chronicle

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Client Sample ID: PJ71482-PCB1 (Fiberblasse)

Lab Sample ID: 570-102798-1

Date Collected: 07/07/22 10:30

Matrix: Solid

Date Received: 07/12/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.11 g	10 mL	248885	07/13/22 10:50	USUL	ECL 4
Total/NA	Analysis	8082		1			249144	07/15/22 06:23	AJ2Q	ECL 4
		Instrument ID: GC81A								
Total/NA	Analysis	Moisture		1			249097	07/13/22 21:48	UAPD	ECL 4
		Instrument ID: BAL62								

Client Sample ID: PJ71482-PCB2 (Fiberblasse)

Lab Sample ID: 570-102798-2

Date Collected: 07/07/22 10:32

Matrix: Solid

Date Received: 07/12/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3540C			1.13 g	10 mL	248885	07/13/22 10:50	USUL	ECL 4
Total/NA	Analysis	8082		1			249144	07/15/22 06:42	AJ2Q	ECL 4
		Instrument ID: GC81A								
Total/NA	Analysis	Moisture		1			249097	07/13/22 21:48	UAPD	ECL 4
		Instrument ID: BAL62								

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Method	Method Description	Protocol	Laboratory
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 4
Moisture	Percent Moisture	EPA	ECL 4
3540C	Soxhlet Extraction	SW846	ECL 4

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Forensic Analytical Consulting Services
Project/Site: SJCOE-201 N California St. / PJ71482

Job ID: 570-102798-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-102798-1	PJ71482-PCB1 (Fiberblase)	Solid	07/07/22 10:30	07/12/22 10:00
570-102798-2	PJ71482-PCB2 (Fiberblase)	Solid	07/07/22 10:32	07/12/22 10:00

Login Sample Receipt Checklist

Client: Forensic Analytical Consulting Services

Job Number: 570-102798-1

Login Number: 102798

List Number: 1

Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix D

Site Photos and Sample Location Drawing



TSI Straight – 6" Aircell



Boiler (fiberglass insulation)



Drywall – Tape and Joint Compound (Basement)



Light ballasts and mercury tubes



Rolled composition roofing



Roofing penetration mastic



Third floor – TSI Straights



Third floor finishes removed



Third floor – TSI Straights



Brick and Mortar



First floor – debris on the floor (lead containing)



Plaster Ceiling – first floor

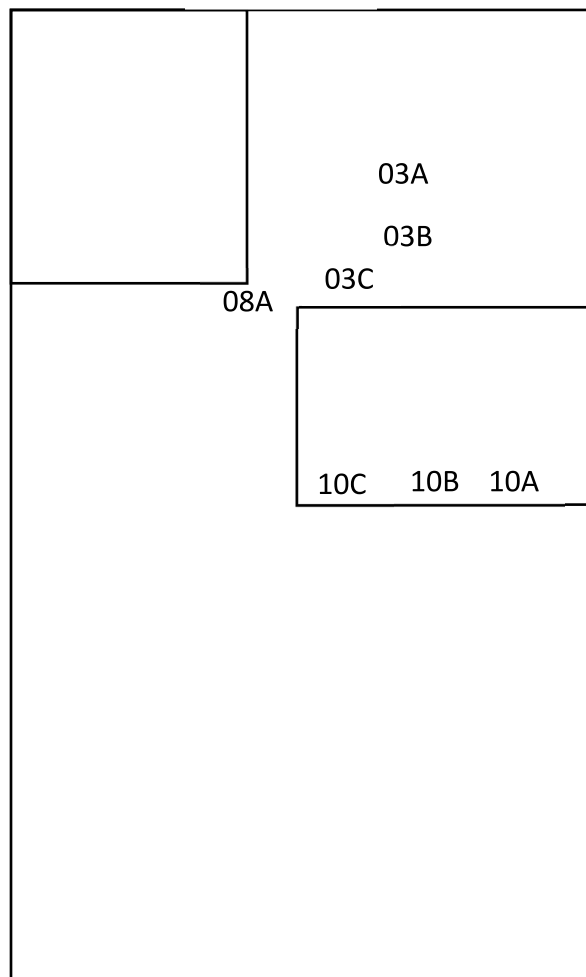


Forensic Analytical Consulting Services

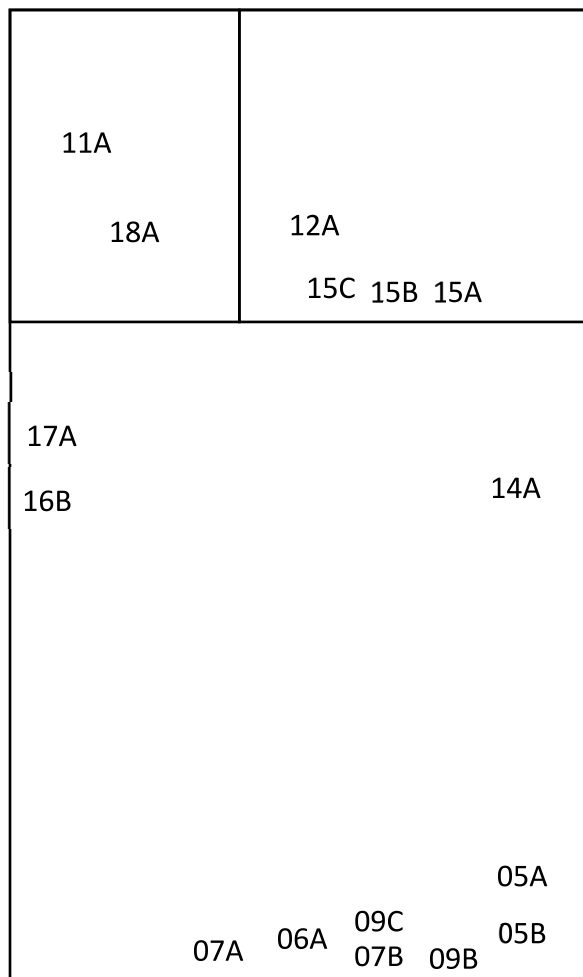
FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
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Basement



First Floor



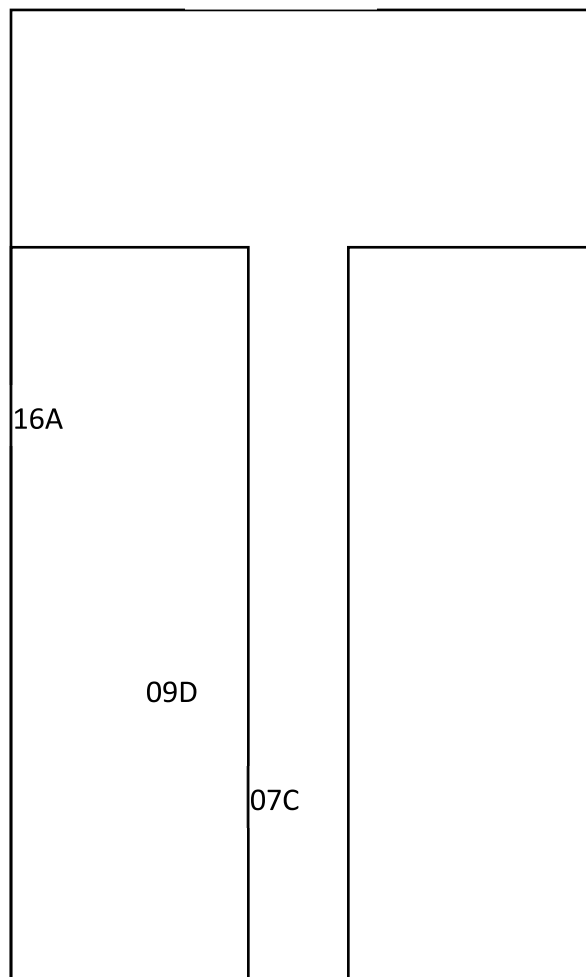


Forensic Analytical Consulting Services

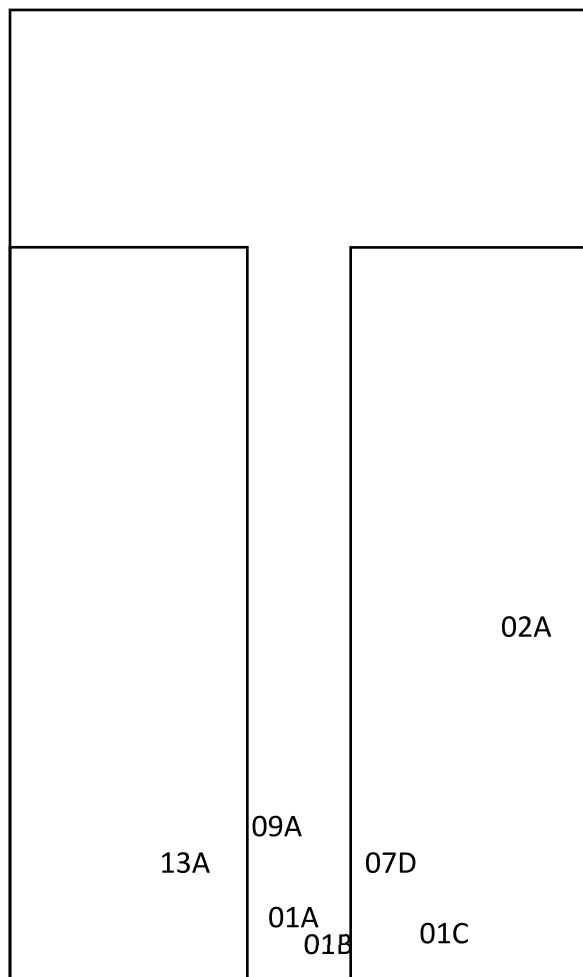
FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
----------------------------	-----------------------	---	--------	---



2nd Floor



3rd Floor



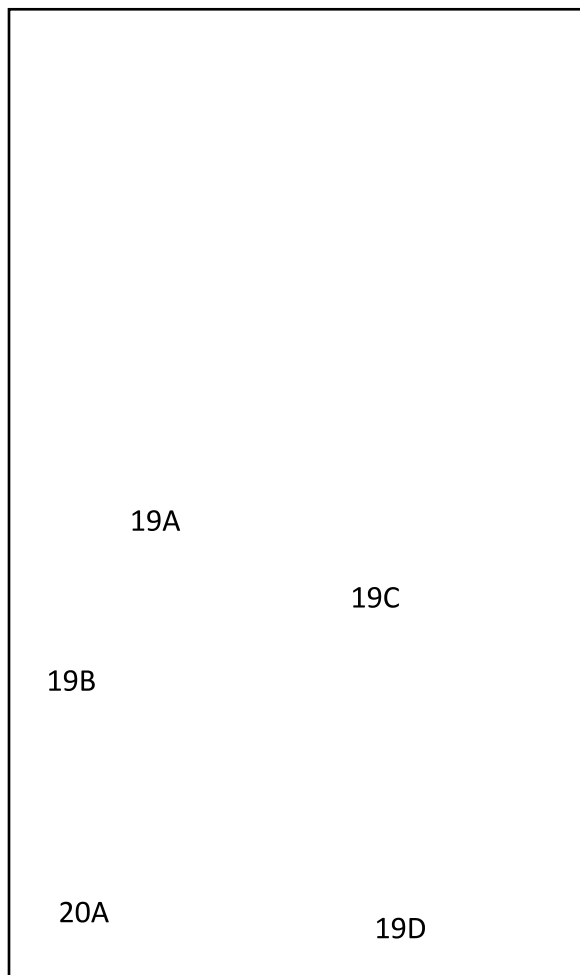


Forensic Analytical Consulting Services

FACS Project #: PJ71482	Date: July 7, 2022	Site: SJCOE 201 North California Street Stockton, CA	Title:	Inspectors: Tyler Faison Trevor Leitz
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Roof



Appendix E

Certifications of Personnel and Laboratories

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> actu@dir.ca.gov



008186824C

461

463

February 01, 2022

Tyler J Faison
3417 Switzer Avenue
Modesto CA 95350

Dear Certified Asbestos Consultant or Technician:

Congratulations, you have passed your certification examination!

Enclosed is your certification card. **To maintain your certification, please 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 in accordance with Title 8, California Code of Regulations, Division 1, Chapter 3.2, Article 2.6, Section 341.15(h) (1).

Please keep and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please submit 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

State of California Division of Occupational Safety and Health Certified Asbestos Consultant	
Tyler J Faison	
Name	
Certification No.	10-6824
Expires on	01/21/23
This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.	



Forensic Analytical Consulting Services, Inc.

This is to confirm that

Tyler Faison

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, 2021

Certificate Number: FACSBIR11142

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Tyler Faison

CERTIFICATE TYPE:

Lead Inspector/Assessor
Lead Project Monitor

NUMBER:

LRC-00002454
LRC-00002383

EXPIRATION DATE:

8/13/2022
12/26/2021

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

DEPARTMENT OF INDUSTRIAL RELATIONS
Division of Occupational Safety and Health
Asbestos Certification & 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



910116682T

453

Forensic Analytical Consulting Services
Trevor T Leitz
207 McHenry Avenue
Modesto CA 95354

December 29, 2021

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 (Revised 06/2020)



Forensic Analytical Consulting Services, Inc.

This is to confirm that

Trevor T. Leitz

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, 2021

Certificate Number: FACSBIR11144

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Trevor Leitz

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003432

EXPIRATION DATE:

10/4/2022

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

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos Certification

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

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

005174633C

339

May 11, 2022

Christopher J Chipponeri
1401 Louise Avenue
Modesto CA 95350

Dear Certified Asbestos Consultant or Technician:

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

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

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

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

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

Sincerely,

Jeff Ferrell
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached



Forensic Analytical Consulting Services, Inc.

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, 2021

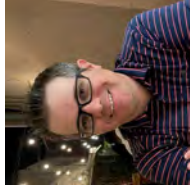
Certificate Number: FACSBIR11140

Valid Until: September 10, 2022

Cal/OSHA Approval Number: CA-025-06

David B. McGrath, Corporate Training Director
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:

Chris Chipponeri

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00000782

EXPIRATION DATE:

6/20/2023

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

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).*

2022-07-01 through 2023-06-30

Effective Dates



A handwritten signature in blue ink, reading "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: steven.takahashi@sgs.com

<http://www.falaboratories.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101459-0

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

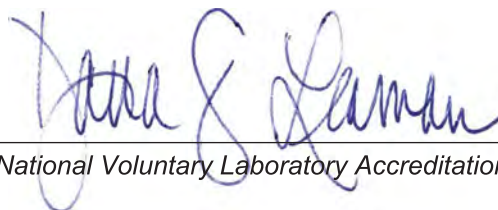
Airborne Asbestos Analysis

Code

Description

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

**Right People
Right Perspective
Right Now**

www.forensicanalytical.com

Section 2 – FACS, Inc. Documentation

2N. Rotameter Calibrations

Rotometer Calibration

FACS - Modesto
Project Manager
313 Banner Court
Suite B
Modesto, CA 95356

Client ID: MOD08
Report Number: R002740
Date Received: 12/12/23
Date Calibrated: 12/13/23
Date Printed: 12/13/23

A "best fit" curve of calibration data has been generated and appears below and is affixed to the rotometer. Rotometer readings and "actual values" taken from a primary standard may be read directly from the chart. All readings were taken from the middle of the ball with the rotometer in an absolute vertical position. For proper readings, the rotometer should be used in an identical position. Calibration performed on a DryCal DC-Lite Primary Flow Meter SN# 105783.

Sample ID: HV-MOD-03

Lab Number: HR104965

Comment:

Temperature: 65.3 °F

Barometric Pressure: 30.03 inHg

Actual Calibration Data

Rotometer Readings (LPM)	Actual Flow (LPM)
1.0	1.6
5.0	5.2
10.0	10.8
15.0	15.4
20.0	20.1

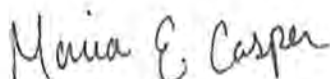
Regression of Data

12/13/23 65.3°F

BP: 30.03 inHg

HV-MOD-03

Rotometer Reading (LPM)	Actual Flow (LPM)
20.0	20.3
19.0	19.3
18.0	18.3
17.0	17.3
16.0	16.3
15.0	15.3
14.0	14.4
13.0	13.4
12.0	12.4
11.0	11.4
10.0	10.4
9.0	9.4
8.0	8.5
7.0	7.5
6.0	6.5
5.0	5.5
4.0	4.5
3.0	3.5
2.0	2.6
1.0	1.6



Maria Cosper, Laboratory Supervisor, Hayward Laboratory

Rotometer Calibration

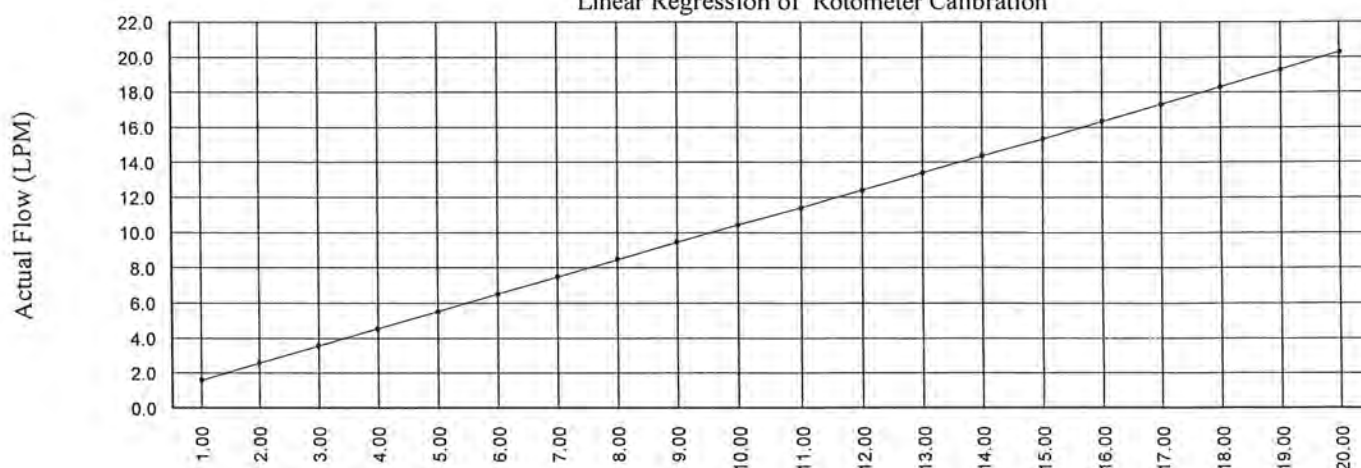
FACS - Modesto
Project Manager
313 Banner Court
Suite B
Modesto, CA 95356

Client ID: MOD08
Report Number: R002740
Date Received: 12/12/23
Date Calibrated: 12/13/23
Date Printed: 12/13/23

A "best fit" curve of calibration data has been generated and appears below and is affixed to the rotometer. Rotometer readings and "actual values" taken from a primary standard may be read directly from the chart. All readings were taken from the middle of the ball with the rotometer in an absolute vertical position. For proper readings, the rotometer should be used in an identical position. Calibration performed on a DryCal DC-Lite Primary Flow Meter SN# 105783.

HV-MOD-03

Linear Regression of Rotometer Calibration



Maria E. Casper

Maria Casper, Laboratory Supervisor, Hayward Laboratory

Section 2 – FACS, Inc. Documentation

20. FACS, Inc. Employee Accreditations/Certifications/ Licenses

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos Certification Unit

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

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

005174633C

339

May 20, 2024

Christopher J Chipponeri
1401 Louise Avenue
Modesto CA 95350

Dear Certified Asbestos Consultant or Technician:

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

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

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Kevin Graulich'.

Kevin Graulich
Principal Safety Engineer

Attachment: Certification Card

cc: File



Parra Environmental Training

This is to confirm that

Chris Chipponeri

Has attended the eight-hour

AHERA Refresher Course for Asbestos Contractor/Supervisors

And has completed the requisite training and passed the exam for asbestos accreditation under TSCA Title II for the purposes of certification required by Title 8, Article 2.7, Chapter 3.2, Section 341.16 approved by CAL-DOSH

Course Date: 01-19-2024 to 01-19-2024

Certificate Number: PETCSR20240189

Valid Until: January 19, 2025

Cal/OSHA Approval Number: CA-025-04

Hermes Parra
Parra Environmental Training
3498 Clayton Rd. Suite 201
Concord CA 94519
(925) 270-3040
<http://www.parraenviro.com>

* This document contains a watermark. If the diagonal P.E.T. in gray is not present, this document is not valid.

DEPARTMENT OF INDUSTRIAL RELATIONS

Division of Occupational Safety and Health-Asbestos & Carcinogen Unit

1750 Howe Avenue, Suite 460

Sacramento, CA 95825

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

910116682T

453

Forensic Analytical Consulting Services**Trevor T Leitz****313 Banner Court, Suite B****Modesto CA 95356****January 17, 2025**

Dear Certified Asbestos Consultant or Technician:

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

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

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

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

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

Sincerely,

Dean Mochrie, CAC
Senior Safety Engineer

Attachment: Certification Card

cc: File

Renewal – Card Attached (08/24)

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician
Trevor T Leitz



Name

Certification No. **19-6682**Expires on **12/18/2025**

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.

Forensic Analytical Consulting Services, Inc.

This is to confirm that

Trevor Leitz

Has attended the eight-hour

AHERA Refresher Course for Asbestos Contractor/Supervisor

And has completed the requisite training for asbestos accreditation under TSCA Title II

Course Date: 01-19-2024 to 01-19-2024

Certificate Number: PETCSR20240193
Valid Until: January 19, 2025

Cal/OSHA Approval Number: CA-025-04



A handwritten signature in black ink, appearing to read 'Fred J. Vinciguerra'.

Fred J. Vinciguerra, Chief Executive Officer
Forensic Analytical Consulting Services, Inc.
21228 Cabot Blvd, Hayward, CA 94545
(800) 677-1483

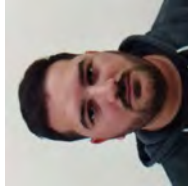


STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Trevor Leitz

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003432

EXPIRATION DATE:

10/14/2025

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

RESPIRATOR FIT TEST ACKNOWLEDGMENT

Date: 12/4/24 Branch: Modesto

Employee Name: Trevor Leitz

☐

Medical Clearance

☐

Initial Fit Test

☐

Re-Fit Test

☒

Annual Fit Test

RESPIRATOR(S) TESTED

1. PAPR (fit test must be conducted in negative pressure mode) Size: S M L Model: _____ Manufacturer: _____	2. FULL FACE Half-FACE Size: S <u>M</u> L Model: <u>SS00</u> Manufacturer: <u>Honeywell</u>	3. HALF FACE Size: S M L Model: _____ Manufacturer: _____	4. Other: _____ Size: S M L Model: _____ Manufacturer: _____
TYPE OF TEST QUANTITATIVE _____ QUALITATIVE _____ Saccharin (Sodium Saccharin) _____ Bitrex™ (Denatonium Benzoate) _____ Irritant Smoke (Stannic Chloride) _____	TYPE OF TEST QUANTITATIVE _____ QUALITATIVE <u>12/4/24</u> Saccharin (Sodium Saccharin) _____ Bitrex™ (Denatonium Benzoate) _____ Irritant Smoke (Stannic Chloride) <u>X</u>	TYPE OF TEST QUANTITATIVE _____ QUALITATIVE _____ Saccharin (Sodium Saccharin) _____ Bitrex™ (Denatonium Benzoate) _____ Irritant Smoke (Stannic Chloride) _____	TYPE OF TEST QUANTITATIVE _____ QUALITATIVE _____ Saccharin (Sodium Saccharin) _____ Bitrex™ (Denatonium Benzoate) _____ Irritant Smoke (Stannic Chloride) _____
Understanding of Positive / Negative User Seal Check	Understanding of Positive / Negative User Seal Check	Understanding of Positive / Negative User Seal Check	Understanding of Positive / Negative User Seal Check
TEST EXERCISES – passed (each test must be 1 minute) ___ Normal Breathing ___ Deep Breathing ___ Turn Head Side to Side ___ Nod Head Up & Down ___ Talking (Rainbow Passage) ___ Grimace (15 seconds) ___ Bend Over & Touch Toes ___ Breath Normally	TEST EXERCISES – passed (each test must be 1 minute) <u>FQ</u> Normal Breathing <u>FQ</u> Deep Breathing <u>FQ</u> Turn Head Side to Side <u>FQ</u> Nod Head Up & Down <u>FQ</u> Talking (Rainbow Passage) <u>FQ</u> Grimace (15 seconds) <u>FQ</u> Bend Over & Touch Toes <u>FQ</u> Breath Normally	TEST EXERCISES – passed (each test must be 1 minute) ___ Normal Breathing ___ Deep Breathing ___ Turn Head Side to Side ___ Nod Head Up & Down ___ Talking (Rainbow Passage) ___ Grimace (15 seconds) ___ Bend Over & Touch Toes ___ Breath Normally	TEST EXERCISES – passed (each test must be 1 minute) ___ Normal Breathing ___ Deep Breathing ___ Turn Head Side to Side ___ Nod Head Up & Down ___ Talking (Rainbow Passage) ___ Grimace (15 seconds) ___ Bend Over & Touch Toes ___ Breath Normally

The above exercise were explained to me while fit testing my respirator. I have previously been instructed on how to properly inspect, wear, clean, maintain & store my respirator. I will conduct a user seal check every time I put my respirator on.

Employee Name – Print: TREVOR LEITZ

DATE: 12-4-24

Employee Name – Sign: [Signature]

I certify that the fit test was completed as described on this form and that the above named employee passed the fit test.

Tested by – Print Name: Fernando Quintero DATE: 12/4/24

Tested by – Sign Name: [Signature] TITLE: EHS II

Section 2 – FACS, Inc. Documentation

2P. FACS, Inc. Contract, P.O. or Proposal

January 2, 2025

TO Tim Sutton, Director II
Operations & Support Services
San Joaquin County Office of Education
2922 Transworld Drive
Stockton, CA 95206

tsutton@sicoe.net
Phone: 209-468-9073

FROM Tyler Faison, Assistant Director
Forensic Analytical Consulting Services, Inc.
313 Banner Court, STE B
Modesto, CA 95356

tyler.faison@facs.com
Phone: 209-551-2000

RE **Proposal for Asbestos and Lead Oversight for SJCOE 201 North California Street
Abatement Project
FACS Project #PJ85032**

Forensic Analytical Consulting Services, Inc. (FACS) is pleased to present this proposal to provide environmental health consulting services to San Joaquin County Office of Education (Client) for project management and oversight during abatement activities, located at 201 North California Street in Stockton, California.

Client Objectives

Based on our correspondence, the following summarizes our understanding of your objectives:

- To remove asbestos-containing and lead-containing materials associated within the identified areas as part of a renovation project.
- To ensure the proper handling of hazardous material during the project to protect workers and prevent the creation of a hazard onsite.
- To seek a trusted environmental expert as a partner to protect public health and reduce risk and liability.

Scope of Work

Subject to the attached Fee Schedule, General Terms and Conditions, and the other provisions of this proposal, FACS will provide the following services:

1. **Provide Project Management Services**

- a. FACS personnel will provide coordination services between the abatement contractor and the District for the project to complete the work in the schedule provided.
- b. FACS will review submittals, prior to work commencing, during the project, and at the conclusion of the project to ensure the information needed to protect the Client's liability is present and included in final project documents.

2. **Provide Project Oversight**

- a. FACS personnel will provide project oversight from the setup and commencement of asbestos work through the removal of final containment area.
- b. As part of project oversight, FACS personnel will collect daily ambient air samples for asbestos. The air samples will be analyzed by phase contrast microscopy.

- c. At the conclusion of asbestos abatement and detail cleaning, FACS personnel will perform a detailed visual inspection of the containment area to verify all materials have been removed and the work area is clean of all dust and debris.
- d. Once the final visual inspection has been passed, FACS personnel will collect clearance air samples in accordance with AHERA requirements. These samples will be analyzed by transmission electron microscopy or phase contrast microscopy, depending on the quantity of material removed within the containment area. These samples are being proposed for analysis on a 24-hour basis as a worst-case scenario. If a longer turnaround time is selected at the time of the project, fees would be reduced accordingly.
- e. At the conclusion of work, FACS will issue a project closeout document that includes project daily logs, air sampling results, other applicable documents generated on the project by FACS, contractor project submittals and a final report. If desired by the client, this information can be provided electronically.

3. Quality Assurance/Quality Control

- a. FACS maintains a stringent QA/QC program in order to ensure the continued delivery of accurate and contextually appropriate technical data and solutions to our clientele and community. FACS practices are developed under the guidance of subject and industry sector practice groups consisting of FACS' leading subject matter experts. Technical oversight, including review of the Scope of Work and all work product, is provided on all projects by team members whom have demonstrated proficiency in the pertinent subject matter per FACS' QA/QC program.

4. Additional Items

- a. FACS will engage in communication, coordination and research activities as required in order to complete the above Scope of Work.
- b. During the course of the project, conditions may arise that significantly change the Scope of Work. The cost of any changes to the Scope of Work will be priced individually and agreed to by FACS and Client before additional work is performed. The additional amount will be added to the original project cost.
- c. This proposal does not include any time for work to be performed on weekends or a holiday. Any work on these dates would be charged at overtime rates.
- d. FACS reserves the right to invoice on a monthly basis for projects that will exceed 30 days in length.

Timeframe

FACS can proceed with any assistance on this project with receipt of written authorization to proceed. FACS anticipates the entire project will require up to fifteen days for containment setup, abatement of materials, and removal of the final containment area.

Cost

This project will be billed on a time and material basis with a not-to-exceed price of **\$17,945**. An anticipated breakdown of costs is provided in the table on the following page. A rate sheet to provide rates for any work performed on a time and material basis that exceeds our current Scope of Work.

COST BREAKDOWN			
DESCRIPTION	QUANTITY	RATE	TOTAL
Project Coordinator	1	\$100	\$100
Project Management Services	4	\$160	\$640
Project Oversight (Days)	15	\$945	\$14,175
Daily Air Samples – 5-Day TAT	15	\$16	\$240
Clearance Air Samples – TEM – 24-Hour TAT	2 sets	\$1,000	\$2,000
Generate Final Report	6	\$105	\$630
Project Review by Technical Oversight	1	\$160	\$160
		TOTAL	\$17,945

Limitations

The proposed scope of work is limited to the conditions and practices observed and information made available to FACS. The methods, conclusions, and recommendations provided are based on judgment, experience and the standard of practice for professional environmental health consulting services. 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.

This proposal is valid for a period of 60 days.

Please contact me if you have any questions regarding the information provided. If this proposal is acceptable, please sign your acceptance below and return to our office by email (see above). Thank you again for your time and consideration.

Respectfully,
FORENSIC ANALYTICAL CONSULTING SERVICES, INC.

By: 

Name: Tyler Faison

Title: Assistant Director – Central Valley

Attachment A: Fee Schedule

Attachment B: Terms and Conditions

ACCEPTANCE

**Proposal for Asbestos and Lead Oversight for SJCOE 201 North California Street Abatement Project
FACS Project #PJ85032**

The terms and conditions set forth in the above proposal, Fee Schedule (Attachment A) and General Terms and Conditions (Attachment B) are hereby accepted.

San Joaquin County Office of Education

By: 

Name: Tim sutton

Title: Director II Operations and Support

Date: 01-02-2025

Purchase/
Work Order #:

LABOR RATES

DESIGNATION	HOURLY RATE
Senior CIH	\$305
CIH/Principal Scientist	\$285
Professional Geologist	\$285
Senior Project Manager	\$175
Project Manager	\$160
Project Specialist	\$125
Senior Technician	\$115
Technician	\$105
Project Coordinator	\$100
Administrative Support	\$80



LABORATORY ANALYTICAL RATES (PER SAMPLE)

ANALYSIS	TURNAROUND TIME*					
----------	------------------	--	--	--	--	--

ASBESTOS	Same Day	1 Day	2 Days	3 Days	4 Days	5 Days
PCM (air)	\$27	\$24	\$22	\$20	\$18	\$16
PLM (bulk - standard)	\$40	\$35	\$31	\$28	\$25	\$23
PLM (bulk - complex)	\$65	\$50	\$45	\$40	\$36	\$34
TEM (air)	\$280	\$200	\$175	\$150	\$125	\$100
Point Count – 400	\$125	\$100	\$90	\$80	\$75	\$70
Point Count – 1000/Gravimetry	\$250	\$200	\$180	\$160	\$150	\$140

OTHER	Same Day	1 Day	2 Days	3 Days	4 Days	5 Days
Lead – Atomic Absorption	\$65	\$55	\$45	\$35	\$30	\$25
Silica	\$258	\$241	\$211	\$182	\$153	\$135

MICROBIOLOGY	Same Day	1 Day	2 Days	3 Days	4 Days	>7 Days
Non-Viable Air	\$180	\$145	\$130	\$80		
Non-Viable Bulk	\$130	\$120	\$80	\$60		
Total Coliform & E. Coli (MUG)		\$165	\$130	\$95		
Legionella Viable Culture						\$185

*Turnaround time = total business days to receive laboratory results after sample submission

MISCELLANEOUS

Mileage: Cost plus 15%
Reimbursables: Cost plus 15%
Equipment and Consumables: Cost plus 15%
Off-Hours Lab Opening Fee: \$400

Deposition/Testimony: Labor Rate x 1.5
Emergency Response: Labor Rate x 2
Overtime: Labor Rate x 1.5

2022 Central Valley Fee Schedule
Please contact us for a complete list of services.

Right People. Right Perspective. Right Now.

GENERAL TERMS AND CONDITIONS

ALL ORDERS FOR SERVICES SET FORTH IN FORENSIC ANALYTICAL CONSULTING SERVICES, INC.'S SCOPE OF WORK (THE "SERVICES") SHALL BE COVERED BY THE FOLLOWING EXPRESS TERMS AND CONDITIONS WHICH SHALL CONSTITUTE THE ENTIRE CONTRACT (THE "CONTRACT") BETWEEN FORENSIC ANALYTICAL CONSULTING SERVICES, INC. ("FACS") AND THE CLIENT ("CLIENT").

- 1. TERMS AND CONDITIONS.** All terms and conditions relating to the rendering of services by FACS are set forth herein. The Proposal, including its Attachments, (the "Proposal") contains the final and complete agreement between the parties and there are no representations or warranties, expressed or implied, with respect to services, except as specifically set forth herein. No waiver by FACS of any default shall be deemed a waiver of any subsequent default. Failure of FACS to object to provisions contained in any order or other communication from the Client shall not be construed as a waiver of any right or remedy of FACS hereunder, nor an acceptance of any such provisions.
- 2. INDEMNIFICATION.** The Client waives any claim against FACS and its directors, officers, employees, and agents, and agrees to defend, indemnify and hold FACS harmless from any claim or liability for injury or loss, including all attorney fees and defense costs, arising or allegedly arising from or in any way connected with FACS' services under this Contract, except where such claim or liability is caused by the gross negligence or willful misconduct of FACS. The Client also agrees to defend, indemnify and hold FACS and its directors, officers, employees, and agents harmless from any claim or liability, injury or loss, including all attorney fees and defense costs, arising in whole or in part from the negligent act or omission, and/or strict liability of the Client or anyone directly or indirectly employed or contracted by the Client. FACS does not guarantee the completion of performance of any contract between Client and other parties, nor is it responsible for those third parties' acts of omissions. FACS does not warranty or guaranty the safety of any place FACS provides its services.
- 3. COMPENSATION.** The compensation for services will be billed in accordance with the rates stated in this Proposal. The rates are subject to change upon notification provided by FACS at its sole discretion. Time spent traveling, when in the interest of the Project, as defined herein, will be charged to the Client. Reimbursable expenses will be charged at cost plus 15%.
- 4. PAYMENT TERMS.** Payment terms are Net 30 days unless FACS and Client have agreed in writing to different payment terms. FACS may, at any time, suspend performance of any service, withhold written reports, or require payment in cash, security or other adequate assurance satisfactory to FACS when, in FACS' sole opinion, the financial condition of Client or other grounds for insecurity warrant such action. FACS reserves the right to assess late charges on accounts past due at a rate of 18% per annum. Any attorney fees or other costs incurred in collecting any delinquent amount shall be paid by the Client.

For projects that will exceed 30 days in length, FACS reserves the right to invoice on a monthly basis.
- 5. TAXES.** All sales taxes or use taxes, whether now existing or hereinafter imposed or modified, or taxes or duties of any nature whatsoever which may be assessed, shall be paid by the Client. In the event FACS is required to pay any such tax, the Client shall reimburse FACS upon demand. In lieu of such payment, the Client shall provide FACS with exemption certificates or other documents acceptable to taxing or customs authorities upon execution of this Proposal.
- 6. CREDIT.** This Proposal is provided and accepted subject to FACS' approval of the Client's credit, determinable at any time and from time to time by FACS in its sole judgment, affecting the whole or any unfulfilled portion of this contract.
- 7. LEGAL ENFORCEMENT OF GENERAL CONDITIONS.** If any portion of this Contract is found to be unenforceable, the remaining portions of the Contract shall remain in full force and effect.
- 8. MODIFICATION OF AGREEMENT.** The foregoing conditions may be modified only by written agreement and signed by a duly authorized representative of FACS and the Client.

FACS, Inc.

Section Three Pre-Construction Documentation

Items marked with a check mark in the ***Supplied*** column are provided in this section.

Items marked ***Not Applicable*** were not applicable on this project and are not provided.

Items marked ***Owner May Supply*** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked ***Contractor Failed to Provide*** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
3A. Bid Advertisement			X	
3B. Bidwalk Attendance Rosters			X	
3C. Bid Results			X	
3D. Contract Award Documents			X	
3E. Pre-Construction Meetings			X	
3F. Construction Meeting Agendas and Minutes			X	

FACS, Inc.

Section Four Contractor Pre-Start Project Submittals

Items marked with a check mark in the **Supplied** column are provided in this section.

Items marked **Not Applicable** were not applicable on this project and are not provided.

Items marked **Owner May Supply** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked **Contractor Failed to Provide** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
4A. Contractor Notifications for NESHAP Compliance	See 4B			
4B. Contractor Notifications to Cal/OSHA (Asbestos)	X			
4C. Contractor Notifications to Local Police, Fire Dept., and Hospital		X		
4D. Contractor State Licensing Board License (CSLB) with Asbestos Certification	X			
4E. Asbestos Contractors' Registration (Cal/OSHA Registration)	X			
4F. Contractor Notification of Prior Environmental Citations/Legal Proceedings/Contract Termination		X		
4G. Contractor's General Liability Insurance, Workers' Compensation Insurance and Contractor's Automobile Insurance	X			
4H. Contractor's Bonding		X		

4I. Additional City or County Permits for Work		X		
4J. Contractor/Sub-Contractor List and Documentation		X		
4K. Equipment Rental Notification and Acknowledgement		X		
4L. Emergency and Non-Emergency Phone Numbers for Local Police, Hospital, Fire Dept., & Contractor Supervisors		X		
4M. Written/Map Directions to Nearest Hospital		X		
4N. Written Emergency Plan		X		
4O. Written Work Plan		X		
4P. Project Schedules		X		
4Q. Contractor Map/Drawings for Containment Setup		X		
4R. Safety Data Sheets		X		
4S. Manufacturer's Equipment Specifications		X		
4T. Contractor Laboratory Accreditations		X		
4U. Contractor OSHA Air Monitoring Statement		X		
4V. Pre-Start Site Condition Form		X		
4W. Contractor Injury & Illness Prevention Program	X			
4X. Contractor Written Respiratory Protection Program	X			
4Y. Review of Contractor Pre-Start Submittals/Communications		X		

Section 4 – Contractor Pre-Start Project Submittals

4B. Contractor Notifications to Cal/OSHA (Asbestos)

San Joaquin Valley Unified Air Pollution Control District

cc: Modesto APCD / ModestoOSHA

Asbestos Notification

Rev#1


Operator Project # 1010225002	Postmark Date	Received Date	Fee Received \$ 634	District Notification #
Completed by: Eric Kidd		Company: PARC Environmental		Phone: (559) 233-7156
1. TYPE OF NOTIFICATION: Original <input type="checkbox"/> Revised (Dates) <input checked="" type="checkbox"/> Revised (Others) <input type="checkbox"/> Highlight Changes <input type="checkbox"/> Canceled <input type="checkbox"/> Courtesy <input type="checkbox"/>				
2. TYPE OF OPERATION: Demo <input type="checkbox"/> Ordered Demo <input type="checkbox"/> Renovation <input checked="" type="checkbox"/> Emergency Renovation <input type="checkbox"/>				
3. FACILITY DESCRIPTION: (Include building name, number, and floor or room number)				
Building Name:		Lease Name:		
Address: 201 N. California St.		City: Stockton	County: San Joaquin	
Site Location on property:				
Is demolition in preparation for construction? <input type="checkbox"/> Yes <input type="checkbox"/> No		Building Size: Sq Ft	Number of Floors: 3	Age: Yes
Present Use: Abandoned		Prior Use: Government Building		Future Use: Government Building
4. IS ASBESTOS PRESENT: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No SURVEY COMPLETED: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> To Be Conducted				
5. A COPY OF THE INSPECTION REPORT WITH PROCEDURE, INCLUDING ANALYTICAL METHOD USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL MUST BE INCLUDED WITH THIS NOTIFICATION.				
6. Approximate amount of asbestos, including: 1. Regulated ACM to be removed. 2. Category I/II ACM not removed. 3. Non-friable ACM to be removed.		(1) RACM to be removed	Friable ACM (<1%)	(2) Non-friable ACM not to be removed Category I Category II
				(3) Non-friable ACM to be removed (Courtesy) Category I Category II
Pipes (Linear Feet)	320			
Surface Area (Square Feet)	1200			
Volume (Cubic Feet-If Lntf Or Sqft Could Not Be Measured)				
ASBESTOS REMOVED FROM		Surfaces: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Pipes: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Components: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
AMOUNT OF EACH TYPE OF ASBESTOS (in square feet)		Acoustic Ceiling	Sheet Vinyl	Insulation 300 If
Floor Tile (VAT)	Dry Wall	Plaster	Transite	Roofing
1200				Others (Describe)
7. REMOVAL DATES:		Setup: 2/5/2025	Start: 2/5/25	Complete: 2/14/25
8. DEMO/RENOVATION DATES (MM/DD/YY)		Start: N/A	Complete: N/A	
9. FACILITY OWNER INFORMATION: San Joaquin County Office of Education				
Address: 2922 Transworld Drive		City: Stockton	State: CA	Zip: 95206
Contact: Tim Sutton		Telephone: 209-468-9073		Site Supervisor:
10. REMOVAL CONTRACTOR: PARC Environmental CAL-OSHA REGISTRATION #: 19				
Address: 2864 E. Dorothy Ave.		City: Fresno	State: CA	Zip: 93706
Contact: Eric Kidd		Telephone: (559) 233-7156		Site Supervisor: Sergio Madrigal
11. OTHER CONTRACTOR: N/A CSLB LICENSE #:				
Address:		City:	State:	Zip:
Contact:		Telephone:		Site Supervisor:

12. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:

wet, neg air, manual, cut & wrap

13. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT ASBESTOS EMISSIONS AT THE SITE:

Wet Method, Neg Air, Critical Barriers

14A. ACWM WASTE TRANSPORTER:		PARC Environmental			
Address: 2864 E. Dorothy Ave.		City: Fresno	State: CA	Zip: 93706	
Contact: Fresno, CA. 93706		Telephone: (559) 233-7156			
14B. ACWM WASTE TRANSPORTER:		Inc. Trucking			
Address: 13530 Hood Ave.		City: Hanford	State: CA	Zip: 93230	
Contact:		Telephone: (559) 994-3234			
15. ACWM WASTE DISPOSAL SITE:		LaPaz County Landfill			
Address: 26999 Hwy 95		City:	Parker State: AZ	Zip: 85344	
Contact:		Telephone: 928/669-8886			
16. RECYCLING OF WASTE MATERIAL (NO ACM MAY BE RECYCLED):					
Name: N/A					
Location:		City:	State:	Zip:	
Contact:		Telephone:			
17. DEMOLITION ORDERED BY A GOVERNMENT AGENCY; identify the agency, attach copy of the order)					
Name: N/A		Title:			
		Authority:			
Date of order (MM/DD/YY):		Date order to begin: (MM/DD/YY):			
18. FOR EMERGENCY RENOVATIONS:					
GIVE THE NAME AND PHONE NUMBER OF THE PERSON DECLARING/AUTHORIZING THE EMERGENCY, DATE AND HOUR OF EMERGENCY AND DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT:					
N/A					
EXPLANATION OF HOW THE EVENT CAUSED UNSAFE CONDITIONS OR WOULD CAUSE EQUIPMENT DAMAGE OR AN UNREASONABLE FINANCIAL BURDEN:					
19. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY ON-FRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER:					
Stop work, re-evaluate work scope, notify regulatory agencies.					
20. IF RACM IS PRESENT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40CFR., PART 61, SUBPART M) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION.					
21. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE.					
Kristen Lawrence				1/22/2025	
PRINT NAME OF COMPANY REPRESENTATIVE		SIGNATURE OF COMPANY REPRESENTATIVE		DATE	

Category I non-friable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos

Category II non-friable ACM means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos.

Regulated asbestos-containing material (RACM) means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by this subpart

STATE OF CALIFORNIA
Division of Occupational Safety and Health

LEAD-WORK PRE-JOB NOTIFICATION



☐ Annual Notification for Steel Structures
1010225002 R1

(Note: items marked * are required)

*Name of employer doing 'Lead Work'	*Address	*Zipcode	*Phone
PARC Environmental 501913	2864 E. Dorothy Ave. Fresno, CA.	93706	(559) 233-7156
Calif. Cont. Lic. No. (if applicable)			Pager/cellular phone No. 916-849-9912
Supervisor: Sergio Madrigal	*Number of lead-job workers: (check one below)		
	<input checked="" type="checkbox"/> 1 - 5 <input type="checkbox"/> 31 - 40 <input type="checkbox"/> 6 - 10 <input type="checkbox"/> 41 - 50 <input type="checkbox"/> 11 - 20 <input type="checkbox"/> > 50 <input type="checkbox"/> 21 - 30		
* Supervisor name: Sergio Madrigal California Department of Health Services Lead Cert. No. 00007339 (if applicable)			

*Job start date/time 2/5/2025	*Job completion date/time 2/14/2025	Shift <input checked="" type="checkbox"/> Day <input type="checkbox"/> Swing <input type="checkbox"/> Graveyard <input type="checkbox"/> Other	*Approximate duration of 'Lead Work' in days 2
*Street address or location of job 201 N. California St.		City: Stockton	Nearest cross street:
		County: San Joaquin	Zipcode: 95202

Entity contracting the lead-work	Address	Zipcode	Phone
<input checked="" type="checkbox"/> Premises Owner <input type="checkbox"/> Lessee (check one) San Joaquin County Office of Education	2922 Transworld Drive	95206	209-468-9073
			Pager/cellular phone No.
Type of structure and use:			
<input type="checkbox"/> Office Building <input type="checkbox"/> Residence <input type="checkbox"/> Steel Structure/Type _____ <input type="checkbox"/> Public Access/Commercial <input type="checkbox"/> School <input checked="" type="checkbox"/> Other Abandoned			

Scope of work and work practices:			
*Describe lead-related work to be done (check all that apply)			
<input checked="" type="checkbox"/> Surface Preparation <input type="checkbox"/> Wall Repair <input type="checkbox"/> Other _____ <input type="checkbox"/> Water/Moisture Damage Repair <input type="checkbox"/> Paint Removal <input type="checkbox"/> Window/Door Repair/Replacement <input type="checkbox"/> Demolition			
*Describe paint removal methods (check all that apply):			
<input checked="" type="checkbox"/> Manual Scraping/Sanding <input type="checkbox"/> Demolition <input type="checkbox"/> Hydroblast <input type="checkbox"/> Other work practices disturbing lead: <input type="checkbox"/> Power Sanding/Grinding <input type="checkbox"/> Heat Guns <input type="checkbox"/> Torch <input type="checkbox"/> Chemical Stripping <input type="checkbox"/> Abrasive Blasting <input type="checkbox"/> Welding			
*Amount of area to be disturbed: (check one per column)			
<input type="checkbox"/> < 10 square feet <input type="checkbox"/> < 10 linear feet <input type="checkbox"/> 10 - 100 square feet <input type="checkbox"/> 10 - 100 linear feet <input checked="" type="checkbox"/> 101 - 1000 square feet <input type="checkbox"/> 100 - 1000 linear feet <input type="checkbox"/> > 1000 square feet <input type="checkbox"/> > 1000 linear feet			

Torch Cutting/Welding	
Duration of work: N/A	
Concentration of lead in disturbed materials:	
_____ parts per million (ppm)	_____ % percent by weight
_____ mg/cm ²	Assumed to be lead-containing: <input checked="" type="checkbox"/> YES

*Name of notifier: Kristen Lawrence	Title: Company Representative	*Date signed: 1/22/2025

Section 4 – Contractor Pre-Start Project Submittals

4D. Contractor State Licensing Board License (CSLB) with Asbestos Certification

STATE OF CALIFORNIA
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD



Building Quality



ASBESTOS

CERTIFICATION

Pursuant to the provisions of Section 7058.5 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the asbestos certification examination:



Qualifier: MICHAEL DENNIS KIDD

License No.: 501913

Namestyle: PROFESSIONAL ASBESTOS CORP DBA
PROFESSIONAL INSULATION

WITNESS my hand and official seal this

J. J. M. Aloney
2nd day of
Registrar of Contractors

JANUARY 1987

13L-35 (11-85)

This certification is the property of the Registrar of Contractors. It is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A0279



CONTRACTORS
STATE LICENSE BOARD
ACTIVE LICENSE



License Number **501913**

Entity **CORP**

Business Name **PROFESSIONAL ASBESTOS
REMOVAL CORPORATION DBA PARC
ENVIRONMENTAL**

Classification(s) **ASB B HAZ C21 A C22 C39 C33**

Expiration Date **11/30/2024**

www.cslb.ca.gov



Any change of business address/name must be reported to the Registrar within 90 days.

This license is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

This pocket card is valid through the expiration date only.

if found, drop in any mailbox.

Postage guaranteed by:

Contractors State License Board
P.O. Box 26000, Sacramento CA 95826

Licensee Signature

Section 4 – Contractor Pre-Start Project Submittals

4E. Asbestos Contractor's Registration (Cal/OSHA Registration)

State of California



Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

Certificate of Registration for Asbestos-related Work

Certificate No. 019

Expiration Date 12/20/2024

**Professional Asbestos Removal Corporation, dba PARC
Environmental**

(Name of Employer)

is duly registered by the Division of Occupational Safety and Health in accordance with the California Administrative Code, Title 8, Article 2.5 for asbestos-related work.


Division of Occupational Safety and Health
FOR KEVIN GRANLICH

Effective Date 12/20/2023

Contractor's License No. 501913

This registration is valid only when the following requirements and conditions are met:

1. The registered employer shall safely perform asbestos-related work in compliance with relevant occupational safety and health regulations.
2. The registered employer shall notify the Division of changes in work locations or conditions as specified by Section 341.9 of Title 8 of the California Administrative Code.
3. The registered employer shall post a sign readable at 20 feet at the location of any asbestos-related work stating:

**Danger - Asbestos
May Cause Cancer - Causes Damage to Lungs
Authorized Personnel Only**

4. A copy of the registration shall be posted at the jobsite beside the Cal-OSHA poster.
5. The registered employer shall provide a copy of this registration certificate to the prime contractor and any other employers at the site before the commencement of any asbestos-related work.
6. The registered employer shall conduct a safety conference prior to the commencement of any asbestos-related work as specified by Section 341.11 of Title 8 of the California Administrative Code.
7. The registered employer acknowledges the Division's right to revoke or suspend this registration as provided by Section 341.14 of Title 8 of the California Administrative Code.

Section 4 – Contractor Pre-Start Project Submittals

**4G. Contractor's General
Liability Insurance, Workers'
Compensation Insurance, &
Contractor's Automobile
Insurance**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

12/21/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an **ADDITIONAL INSURED**, the policy(ies) must have **ADDITIONAL INSURED** provisions or be endorsed. If **SUBROGATION IS WAIVED**, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Edgewood Partners Insurance Center One California Street, Suite 400 San Francisco CA 94111	CONTACT NAME: Certificate Unit PHONE (A/C, No, Ext): 404-439-8000 FAX (A/C, No): E-MAIL ADDRESS: certificate@epicbrokers.com
INSURED Professional Asbestos Removal Corp., dba: PARC Environmental 2864 E Dorothy Avenue Fresno CA 93706	INSURER(S) AFFORDING COVERAGE INSURER A: Steadfast Insurance Company INSURER B: Zurich American Insurance Company INSURER C: Zurich American Insurance Company INSURER D: INSURER E: INSURER F:

License#: 0B29370

NAIC #

26387

16535

16535

COVERAGES**CERTIFICATE NUMBER:** 1709289480**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	GPL 7989402-05	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 Deductible \$ 25,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	BAP-8080333-05	1/1/2024	1/1/2025	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Comp & Coll Deduct. \$ 1,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	N	N	SXS 2513064-00	1/1/2024	1/1/2025	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input checked="" type="checkbox"/> N	N/A	WC 4433573-03	1/1/2024	1/1/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Contractors Pollution / Mold			GPL 7989402-05	1/1/2024	1/1/2025	Each Occurrence \$1,000,000 Aggregate \$2,000,000 Deductible \$25,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Any and All Projects. General Liability, Contractor's Pollution Liability & Professional Liability share the policy Aggregate. Limit of \$2,000,000 (other than Products & Completed Operations) Designated Construction Project General Aggregate Limit - CGL: \$10,000,000 Cap Modesto City Schools, to the extent required by written contract, is an additional insured on a primary and non-contributory basis with respect to general liability and auto liability. A waiver of subrogation applies in favor of the additional insureds to the extent required by written contract as allowed by applicable law with respect to general liability, auto liability and worker's compensation.

CERTIFICATE HOLDER**CANCELLATION**

Modesto City Schools
1300 Woodland Ave.
Modesto CA 95351

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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ADDITIONAL REMARKS SCHEDULE

AGENCY Edgewood Partners Insurance Center One California Street, Suite 400, San Francisco, CA 94111		NAMED INSURED Professional Asbestos Removal Corp., dba: PARC Environmental Sterling Environmental Corporation, Arc Abatement, Inc., FH ARC Abatement LLC 2864 E Dorothy Avenue Fresno CA 93706	
POLICY NUMBER See Below		EFFECTIVE DATE: 01/01/2024	
CARRIER See Below	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 Certificate of Liability Insurance
FORM NUMBER: 25 **FORM TITLE:**

INSURER AFFORDING COVERAGE: Steadfast Insurance Company NAIC#: 26387
 POLICY NUMBER: GPL 7989402-05 EFF DATE: 01/01/2024 EXP DATE: 01/01/2025

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Professional Liability	Each Claim	\$1,000,000
	Aggregate	\$2,000,000

INSURER AFFORDING COVERAGE: AGCS Marine Insurance Company NAIC#: 22837
 POLICY NUMBER: MXI 93076391 EFF DATE: 01/01/2024 EXP DATE: 01/01/2025

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Contractor's Equipment	Limit	\$3,045,218
Leased/Rented Equipment	Limit	\$300,000
Misc Tools	\$1k Max per item	\$100,000

ADDITIONAL REMARKS:
 Deductible: \$2,500 except Theft at \$5,000

INSURER AFFORDING COVERAGE: AGCS Marine Insurance Company NAIC#: 22837
 POLICY NUMBER: MXI 93076391 EFF DATE: 01/01/2024 EXP DATE: 01/01/2025

TYPE OF INSURANCE:	LIMIT DESCRIPTION:	LIMIT AMOUNT:
Installation Floater	Limit of Liab. at any	\$100,000
Perils: Special	one installation site	
	Deductible:	\$1,000

General Liability, Contractor's Pollution Liability & Professional Liability share the policy Aggregate Limit of \$2,000,000 (other than Products & Completed Operations)

Designated Construction Project General Aggregate Limit - CGL: \$10,000,000 Cap

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT— CALIFORNIA

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

You must maintain payroll records accurately segregating the remuneration of your employees while engaged in the work described in the Schedule.

The additional premium for this endorsement shall be _____ of the California workers' compensation pre-mium otherwise due on such remuneration.

Schedule

Person or Organization

ALL PERSONS AND/OR
ORGANIZATIONS THAT
ARE REQUIRED BY
WRITTEN CONTRACT OR
AGREEMENT WITH THE
INSURED, EXECUTED
PRIOR TO THE
ACCIDENT OR LOSS,
THAT WAIVER OF
SUBROGATION BE
PROVIDED UNDER THIS
POLICY FOR WORK
PERFORMED BY YOU
FOR THAT PERSON
AND/OR ORGANIZATION

Job Description

ALL CA OPERATIONS

Additional Insured-Owners, Lessees or Contractors – Scheduled and Completed Ops and Primary Coverage Part One-Commercial General Liability



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
GPL7989402-05	01/01/2024	01/01/2025	01/01/2024		----	----

Named Insured and Mailing Address:

Parc Holdings, Inc, Professional Asbestos Removal
Corp., dba: PARC Environmental, Sterling
Environmental Corporation, ARC Abatement, Inc., FH
ARC Abatement, LLC

Producer:

EDGEWOOD PARTNER INSURANCE CENTER
PO BOX 232017
PLEASANT HILL, CA 94523-6017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

Environmental Services Package Policy

COVERAGE PART ONE-COMMERCIAL GENERAL LIABILITY

In consideration of the payment of premium and the Deductible by you and in reliance upon the statements in the Application made a part hereof, we agree with you, subject to all the terms, exclusions and conditions of the policy that the following applies:

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	Location(s) Of Covered Operations
Any person or organization, other than an architect, engineer or surveyor, whom you are required to add as an additional insured under this policy under a written contract mark or written agreement executed prior to loss.	Any Location or project, other than a wrap-up or other consolidated insurance program location or project for which insurance is otherwise separately provided to you by a wrap-up or other consolidated insurance program

A. Who is an Insured (Section I.) in the COMMON COVERAGE PROVISIONS is amended to include as an insured the person or organization shown in the schedule above, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

(1) Your acts or omissions; or

(2) The acts or omissions of those acting on your behalf;

and resulting directly from:

(a) Your ongoing operations performed for the additional insured, which is the subject of the written contract or written agreement; or

(b) "Your work" completed as included in the "products-completed operations hazard", performed for the additional insured, which is the subject of the written contract or written agreement

For the coverage provided by this endorsement:

a. The following paragraph is added to Paragraph 8.a. Other Insurance, Conditions (Section V.) in the COMMON COVERAGE PROVISIONS:

Primary and Noncontributory Insurance

This Insurance is primary to and will not seek contribution from any other insurance available to an additional insured under this endorsement provided that:

(1) The additional insured is a Named Insured under such other insurance; and

(2) You have agreed in a written contract or written agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

Coverage Extension Endorsement



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer No.	Add'l. Prem	Return Prem.
BAP 8080333-05	01/01/2024	01/01/2025		70131000	INCL	

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Business Auto Coverage Form
Motor Carrier Coverage Form

A. Amended Who Is An Insured

1. The following is added to the **Who Is An Insured** Provision in **Section II – Covered Autos Liability Coverage**:

The following are also "insureds":

- Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow for acts performed within the scope of employment by you. Any "employee" of yours is also an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.
- Anyone volunteering services to you is an "insured" while using a covered "auto" you don't own, hire or borrow to transport your clients or other persons in activities necessary to your business.
- Anyone else who furnishes an "auto" referenced in Paragraphs **A.1.a.** and **A.1.b.** in this endorsement.
- Where and to the extent permitted by law, any person(s) or organization(s) where required by written contract or written agreement with you executed prior to any "accident", including those person(s) or organization(s) directing your work pursuant to such written contract or written agreement with you, provided the "accident" arises out of operations governed by such contract or agreement and only up to the limits required in the written contract or written agreement, or the Limits of Insurance shown in the Declarations, whichever is less.

2. The following is added to the **Other Insurance** Condition in the Business Auto Coverage Form and the **Other Insurance – Primary and Excess Insurance Provisions Condition** in the Motor Carrier Coverage Form:

Coverage for any person(s) or organization(s), where required by written contract or written agreement with you executed prior to any "accident", will apply on a primary and non-contributory basis and any insurance maintained by the additional "insured" will apply on an excess basis. However, in no event will this coverage extend beyond the terms and conditions of the Coverage Form.

B. Amendment – Supplementary Payments

Paragraphs **a.(2)** and **a.(4)** of the **Coverage Extensions** Provision in **Section II – Covered Autos Liability Coverage** are replaced by the following:

- Up to \$5,000 for the cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.
- All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

C. Fellow Employee Coverage

The **Fellow Employee** Exclusion contained in **Section II – Covered Autos Liability Coverage** does not apply.

D. Driver Safety Program Liability and Physical Damage Coverage

1. The following is added to the **Racing** Exclusion in **Section II – Covered Autos Liability Coverage**:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

2. The following is added to Paragraph **2.** in the **Exclusions** of **Section III – Physical Damage Coverage** of the Business Auto Coverage Form and Paragraph **2.b.** in the **Exclusions** of **Section IV – Physical Damage Coverage** of the Motor Carrier Coverage Form:

This exclusion does not apply to covered "autos" participating in a driver safety program event, such as, but not limited to, auto or truck rodeos and other auto or truck agility demonstrations.

E. Lease or Loan Gap Coverage

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

Lease Or Loan Gap Coverage

In the event of a total "loss" to a covered "auto", we will pay any unpaid amount due on the lease or loan for a covered "auto", less:

- a. Any amount paid under the **Physical Damage Coverage** Section of the Coverage Form; and
- b. Any:
 - (1) Overdue lease or loan payments at the time of the "loss";
 - (2) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
 - (3) Security deposits not returned by the lessor;
 - (4) Costs for extended warranties, credit life insurance, health, accident or disability insurance purchased with the loan or lease; and
 - (5) Carry-over balances from previous leases or loans.

F. Towing and Labor

Paragraph **A.2.** of the **Physical Damage Coverage** Section is replaced by the following:

We will pay up to \$75 for towing and labor costs incurred each time a covered "auto" of the private passenger type is disabled. However, the labor must be performed at the place of disablement.

G. Extended Glass Coverage

The following is added to Paragraph **A.3.a.** of the **Physical Damage Coverage** Section:

If glass must be replaced, the deductible shown in the Declarations will apply. However, if glass can be repaired and is actually repaired rather than replaced, the deductible will be waived. You have the option of having the glass repaired rather than replaced.

H. Hired Auto Physical Damage – Increased Loss of Use Expenses

The **Coverage Extension** for **Loss Of Use Expenses** in the **Physical Damage Coverage** Section is replaced by the following:

Loss Of Use Expenses

For Hired Auto Physical Damage, we will pay expenses for which an "insured" becomes legally responsible to pay for loss of use of a vehicle rented or hired without a driver under a written rental contract or written rental agreement. We will pay for loss of use expenses if caused by:

- (1) Other than collision only if the Declarations indicate that Comprehensive Coverage is provided for any covered "auto";
 - (2) Specified Causes Of Loss only if the Declarations indicate that Specified Causes Of Loss Coverage is provided for any covered "auto"; or
 - (3) Collision only if the Declarations indicate that Collision Coverage is provided for any covered "auto".
- However, the most we will pay for any expenses for loss of use is \$100 per day, to a maximum of \$3000.

I. Personal Effects Coverage

The following is added to the **Coverage** Provision of the **Physical Damage Coverage** Section:

Personal Effects Coverage

- a. We will pay up to \$750 for "loss" to personal effects which are:
 - (1) Personal property owned by an "insured"; and
 - (2) In or on a covered "auto".
- b. Subject to Paragraph **a.** above, the amount to be paid for "loss" to personal effects will be based on the lesser of:
 - (1) The reasonable cost to replace; or
 - (2) The actual cash value.
- c. The coverage provided in Paragraphs **a.** and **b.** above, only applies in the event of a total theft of a covered "auto". No deductible applies to this coverage. However, we will not pay for "loss" to personal effects of any of the following:
 - (1) Accounts, bills, currency, deeds, evidence of debt, money, notes, securities, or commercial paper or other documents of value.
 - (2) Bullion, gold, silver, platinum, or other precious alloys or metals; furs or fur garments; jewelry, watches, precious or semi-precious stones.
 - (3) Paintings, statuary and other works of art.
 - (4) Contraband or property in the course of illegal transportation or trade.
 - (5) Tapes, records, discs or other similar devices used with audio, visual or data electronic equipment.

Any coverage provided by this Provision is excess over any other insurance coverage available for the same "loss".

J. Tapes, Records and Discs Coverage

1. The Exclusion in Paragraph **B.4.a.** of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph **B.2.c.** of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply.
2. The following is added to Paragraph **1.a. Comprehensive Coverage** under the **Coverage** Provision of the **Physical Damage Coverage** Section:

We will pay for "loss" to tapes, records, discs or other similar devices used with audio, visual or data electronic equipment. We will pay only if the tapes, records, discs or other similar audio, visual or data electronic devices:

- (a) Are the property of an "insured"; and
- (b) Are in a covered "auto" at the time of "loss".

The most we will pay for such "loss" to tapes, records, discs or other similar devices is \$500. The **Physical Damage Coverage Deductible** Provision does not apply to such "loss".

K. Airbag Coverage

The Exclusion in Paragraph **B.3.a.** of **Section III – Physical Damage Coverage** in the Business Auto Coverage Form and the Exclusion in Paragraph **B.4.a.** of **Section IV – Physical Damage Coverage** in the Motor Carrier Coverage Form does not apply to the accidental discharge of an airbag.

L. Two or More Deductibles

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

If an accident is covered both by this policy or Coverage Form and by another policy or Coverage Form issued to you by us, the following applies for each covered "auto" on a per vehicle basis:

1. If the deductible on this policy or Coverage Form is the smaller (or smallest) deductible, it will be waived; or
2. If the deductible on this policy or Coverage Form is not the smaller (or smallest) deductible, it will be reduced by the amount of the smaller (or smallest) deductible.

M. Physical Damage – Comprehensive Coverage – Deductible

The following is added to the **Deductible** Provision of the **Physical Damage Coverage** Section:

Regardless of the number of covered "autos" damaged or stolen, the maximum deductible that will be applied to Comprehensive Coverage for all "loss" from any one cause is \$5,000 or the deductible shown in the Declarations, whichever is greater.

N. Temporary Substitute Autos – Physical Damage

1. The following is added to **Section I – Covered Autos**:

Temporary Substitute Autos – Physical Damage

If Physical Damage Coverage is provided by this Coverage Form on your owned covered "autos", the following types of vehicles are also covered "autos" for Physical Damage Coverage:

Any "auto" you do not own when used with the permission of its owner as a temporary substitute for a covered "auto" you do own but is out of service because of its:

1. Breakdown;
 2. Repair;
 3. Servicing;
 4. "Loss"; or
 5. Destruction.
2. The following is added to the Paragraph **A. Coverage** Provision of the **Physical Damage Coverage** Section:

Temporary Substitute Autos – Physical Damage

We will pay the owner for "loss" to the temporary substitute "auto" unless the "loss" results from fraudulent acts or omissions on your part. If we make any payment to the owner, we will obtain the owner's rights against any other party.

The deductible for the temporary substitute "auto" will be the same as the deductible for the covered "auto" it replaces.

O. Amended Duties In The Event Of Accident, Claim, Suit Or Loss

Paragraph **a.** of the **Duties In The Event Of Accident, Claim, Suit Or Loss** Condition is replaced by the following:

- a. In the event of "accident", claim, "suit" or "loss", you must give us or our authorized representative prompt notice of the "accident", claim, "suit" or "loss". However, these duties only apply when the "accident", claim, "suit" or "loss" is known to you (if you are an individual), a partner (if you are a partnership), a member (if you are a limited liability company) or an executive officer or insurance manager (if you are a corporation). The failure of any

agent, servant or employee of the "insured" to notify us of any "accident", claim, "suit" or "loss" shall not invalidate the insurance afforded by this policy.

Include, as soon as practicable:

- (1) How, when and where the "accident" or "loss" occurred and if a claim is made or "suit" is brought, written notice of the claim or "suit" including, but not limited to, the date and details of such claim or "suit";
- (2) The "insured's" name and address; and
- (3) To the extent possible, the names and addresses of any injured persons and witnesses.

If you report an "accident", claim, "suit" or "loss" to another insurer when you should have reported to us, your failure to report to us will not be seen as a violation of these amended duties provided you give us notice as soon as practicable after the fact of the delay becomes known to you.

P. Waiver of Transfer Of Rights Of Recovery Against Others To Us

The following is added to the **Transfer Of Rights Of Recovery Against Others To Us** Condition:

This Condition does not apply to the extent required of you by a written contract, executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by such contract. This waiver only applies to the person or organization designated in the contract.

Q. Employee Hired Autos – Physical Damage

Paragraph **b.** of the **Other Insurance** Condition in the Business Auto Coverage Form and Paragraph **f.** of the **Other Insurance – Primary and Excess Insurance Provisions** Condition in the Motor Carrier Coverage Form are replaced by the following:

For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented under a written contract or written agreement entered into by an "employee" or elected or appointed official with your permission while being operated within the course and scope of that "employee's" employment by you or that elected or appointed official's duties as respect their obligations to you.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

R. Unintentional Failure to Disclose Hazards

The following is added to the **Concealment, Misrepresentation Or Fraud** Condition:

However, we will not deny coverage under this Coverage Form if you unintentionally:

- (1) Fail to disclose any hazards existing at the inception date of this Coverage Form; or
- (2) Make an error, omission, improper description of "autos" or other misstatement of information.

You must notify us as soon as possible after the discovery of any hazards or any other information that was not provided to us prior to the acceptance of this policy.

S. Hired Auto – World Wide Coverage

Paragraph **7a.(5)** of the **Policy Period, Coverage Territory** Condition is replaced by the following:

- (5) Anywhere in the world if a covered "auto" is leased, hired, rented or borrowed for a period of 60 days or less,

T. Bodily Injury Redefined

The definition of "bodily injury" in the **Definitions** Section is replaced by the following:

"Bodily injury" means bodily injury, sickness or disease, sustained by a person including death or mental anguish, resulting from any of these at any time. Mental anguish means any type of mental or emotional illness or disease.

U. Expected Or Intended Injury

The **Expected Or Intended Injury** Exclusion in Paragraph **B. Exclusions** under **Section II – Covered Auto Liability Coverage** is replaced by the following:

Expected Or Intended Injury

"Bodily injury" or "property damage" expected or intended from the standpoint of the "insured". This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect persons or property.

V. Physical Damage – Additional Temporary Transportation Expense Coverage

Paragraph **A.4.a.** of **Section III – Physical Damage Coverage** is replaced by the following:

4. Coverage Extensions

a. Transportation Expenses

We will pay up to \$50 per day to a maximum of \$1,000 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage. We will pay for temporary transportation expenses incurred during the period beginning 48 hours after the theft and ending, regardless of the policy's expiration, when the covered "auto" is returned to use or we pay for its "loss".

W. Replacement of a Private Passenger Auto with a Hybrid or Alternative Fuel Source Auto

The following is added to Paragraph **A. Coverage** of the **Physical Damage Coverage** Section:

In the event of a total "loss" to a covered "auto" of the private passenger type that is replaced with a hybrid "auto" or "auto" powered by an alternative fuel source of the private passenger type, we will pay an additional 10% of the cost of the replacement "auto", excluding tax, title, license, other fees and any aftermarket vehicle upgrades, up to a maximum of \$2500. The covered "auto" must be replaced by a hybrid "auto" or an "auto" powered by an alternative fuel source within 60 calendar days of the payment of the "loss" and evidenced by a bill of sale or new vehicle lease agreement.

To qualify as a hybrid "auto", the "auto" must be powered by a conventional gasoline engine and another source of propulsion power. The other source of propulsion power must be electric, hydrogen, propane, solar or natural gas, either compressed or liquefied. To qualify as an "auto" powered by an alternative fuel source, the "auto" must be powered by a source of propulsion power other than a conventional gasoline engine. An "auto" solely propelled by biofuel, gasoline or diesel fuel or any blend thereof is not an "auto" powered by an alternative fuel source.

X. Return of Stolen Automobile

The following is added to the **Coverage Extension** Provision of the **Physical Damage Coverage** Section:

If a covered "auto" is stolen and recovered, we will pay the cost of transport to return the "auto" to you. We will pay only for those covered "autos" for which you carry either Comprehensive or Specified Causes of Loss Coverage.

All other terms, conditions, provisions and exclusions of this policy remain the same.

Additional Insured-Automatic-Owners, Lessees Or Contractors



Coverage Part One-Commercial General Liability
Coverage Part Two-Contractor's Pollution Liability

Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
GPL 7989402-05	01/01/2024	01/01/2025	01/01/2024		-----	-----

Named Insured:

Parc Holdings, Inc, Professional Asbestos Removal Corp., dba: PARC Environmental, Sterling Environmental Corporation, ARC Abatement, Inc., FH ARC Abatement, LLC

Producer:

EDGEWOOD PARTNER INSURANCE CENTER
PO BOX 232017
PLEASANT HILL, CA 94523-6017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

Environmental Services Package Policy

- ☒ COVERAGE PART ONE-COMMERCIAL GENERAL LIABILITY
☒ COVERAGE PART TWO-CONTRACTOR'S POLLUTION LIABILITY

1. Who is an Insured (Section I.) in the COMMON COVERAGE PROVISIONS is amended to include as an additional insured any person(s) or organization(s) whom you are required to add as an additional insured on this policy under a written contract or written agreement.
2. The insurance provided to the additional insured person(s) or organization(s) applies only to:
 - a. "Bodily injury", "property damage" or "personal and advertising injury" under COVERAGE PART ONE-COMMERCIAL GENERAL LIABILITY, COVERAGE A - BODILY INJURY AND PROPERTY DAMAGE LIABILITY and COVERAGE B - PERSONAL AND ADVERTISING INJURY LIABILITY caused, in whole or in part, by:
 - (1) Your acts or omissions; or
 - (2) The acts or omissions of those acting on your behalf;and resulting directly from:
 - (a) Your ongoing operations performed for the additional insured, which is the subject of the written contract or written agreement; or
 - (b) "Your work" completed as included in the "products-completed operations hazard", performed for the additional insured, which is the subject of the written contract or written agreement; and/or
 - b. "Claims" arising out of a "pollution event" under COVERAGE PART TWO - CONTRACTOR'S POLLUTION LIABILITY, caused, in whole or in part, by:
 - (1) Your acts or omissions; or
 - (2) The acts or omissions of those acting on your behalf,and resulting directly from:
 - (a) "Covered operations" performed for the additional insured, which is the subject of the written contract or written agreement; or

(b) "Completed operations" of the "covered operations" performed for the additional insured, which is the subject of the written contract or written agreement.

3. However, regardless of the provisions of paragraphs 1. and 2. above, the insurance afforded to such additional insured:

- a. Only applies to the extent permitted by law; and
- b. Will not be broader than that which you are required by the written contract or written agreement to provide to such additional insured.

4. With respect to the insurance afforded to the additional insured under this endorsement, the following is added to **Section III – Limits Of Insurance and Deductible:**

The most we will pay on behalf of the additional insured is the amount of insurance:

- a. Required by the written contract or written agreement you have entered into with the additional insured; or
- b. Available under the applicable Limits of Insurance shown in the Declarations, whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations

5. The insurance provided to the additional insured person or organization does not apply to:

"Bodily injury", "property damage" or "personal and advertising injury" arising out of the rendering or failure to render any professional architectural, engineering or surveying services including:

- (1) The preparing, approving or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
- (2) Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any architectural, engineering or surveying services.

6. The additional insured must see to it that:

- a. We are notified as soon as practicable of an "occurrence", offense or "pollution event", as applicable, that may result in a claim;
- b. We receive written notice of a claim or "suit" as soon as practicable; and
- c. A request for defense and indemnity of the claim or "suit" will promptly be brought against any policy issued by another insurer under which the additional insured may be an insured in any capacity. This provision does not apply to insurance on which the additional insured is a Named Insured, if the written contract or written agreement requires that this coverage be primary and non-contributory.

7. For the coverage provided by this endorsement:

- a. The following paragraph is added to Paragraph 8.a. Other Insurance, Conditions (Section V.) in the COMMON COVERAGE PROVISIONS:

Primary and Noncontributory Insurance

This Insurance is primary to and will not seek contribution from any other insurance available to an additional insured under this endorsement provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed in a written contract or written agreement that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.

- b. The following paragraph is added to Paragraph 8.b. Other Insurance, Conditions (Section V.) in the COMMON COVERAGE PROVISIONS:

This insurance is excess over:

Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by written contract or written agreement to provide coverage to the additional insured on a primary and non-contributory basis.

8. This endorsement does not apply to an additional insured which has been added to this policy by an endorsement showing the additional insured in a Schedule of additional insureds, and which endorsement applies specifically to that identified additional insured.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

Waiver of Transfer of Rights of Recovery Against Others – Blanket as Required by Contract



Policy No.	Eff. Date of Pol.	Exp. Date of Pol.	Eff. Date of End.	Producer	Add'l Prem.	Return Prem.
GPL 7989402-05	01/01/2024	01/01/2025	01/01/2024		-----	-----

Named Insured and Mailing Address:

Parc Holdings, Inc, Professional Asbestos
Removal Corp., dba: PARC Environmental,
Sterling Environmental Corporation, ARC
Abatement, Inc., FH ARC Abatement, LLC

Producer:

EDGEWOOD PARTNER INSURANCE CENTER
PO BOX 232017
PLEASANT HILL, CA 94523-6017

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

Environmental Services Package Policy

- [☒] COVERAGE PART ONE – COMMERCIAL GENERAL LIABILITY
- [☒] COVERAGE PART TWO – CONTRACTOR'S POLLUTION LIABILITY
- [☒] COVERAGE PART THREE – PROFESSIONAL LIABILITY

In consideration of the payment of premium and the Deductible by you and in reliance upon the statements in the Application made a part hereof, we agree with you, subject to all the terms, exclusions and conditions that with respect to the coverage parts indicated above Conditions (Section V.) of the COMMON COVERAGE PROVISIONS, Condition 14. Subrogation is amended by the addition of the following:

We waive any right of recovery we may have against any person or organization whom you are required to waive your right of subrogation by a written contract or written agreement executed and effective prior to the performance of your services which is the subject of such written contract or written agreement.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL APPLY AND REMAIN UNCHANGED.

Section 4 – Contractor Pre-Start Project Submittals

4W. Contractor Injury and Illness Prevention Program

PARC Environmental Injury and Illness Prevention Program

Applicable Standards: 8 CCR 3203

INTRODUCTION

The safety and health of each PARC employee is of primary importance. As a company, we are committed to maintaining a safe and healthful work environment for all of our employees. To achieve this goal, we have developed and implemented a comprehensive Injury and Illness Prevention Program (IIPP).

PURPOSE

This program is designed to prevent workplace accidents, injuries, and illnesses. No employee is required to work at a job that he or she knows is not safe. PARC has established this written Injury and Illness Prevention Program not only to ensure a safe and healthy work environment, but to also comply with all local, state, and federal regulations.

1.0 RESPONSIBILITY AND AUTHORITY

1.1 Management's Commitment

A successful Injury and Illness Prevention Program (IIPP) can only be achieved and maintained when there is active interest, participation, and accountability at all levels of the organization. To ensure this, PARC has delegated the following safety duties by person and/or job title. Please keep in mind this is not an all-inclusive list. In some cases employees will need to perform safety duties outside their regular responsibilities to prevent accidents.

1.2 Jason Martina, CEO

Jason Martina is responsible for the overall health and safety of all PARC employees. Jason Martina's duties include, but are not limited to:

1. Providing clear understanding and direction to all management and union employees regarding the importance of safety through the development, monitoring, and revision of policies and procedures.
2. Providing financial support for the IIPP through the provision of adequate funds for the purchase of necessary safety materials, safety equipment, proper personal protective equipment, adequate time for employee safety training, and maintenance of tools and equipment.
3. Maintaining a company commitment to accident prevention by expecting safe conduct on the part of all managers, supervisors, and employees.
4. Holding all levels of management and employees accountable for accident prevention and safety.

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1.3 Toli Mikell, Director of Safety and Compliance.

Toli Mikell is responsible for the overall design and implementation of the company's health and safety program and has the authority to implement the IIPP. Duties include but are not limited to:

1. Coordination of all loss prevention activities as a representative of management. Acting as a consultant to management in the implementation and administration of the safety program.
2. Develop and implement loss prevention policies and procedures designed to ensure compliance with the applicable rules and regulations of all federal, state, and local agencies.
3. Oversee routine safety and compliance audits and hazard evaluations.
4. Conduct periodic reviews of the program and jobsites to evaluate performance, discuss problems, and help solve them.
5. Instruct employees on company health and safety policies and procedures.
6. Implement all safety programs including the safety incentive program and disciplinary program.
7. Investigate all injuries and accidents to determine their cause and potential corrective action.
8. Consult with representatives of our insurance company to ensure their loss control services will support our safety program.
9. Review Worker's Compensation Claims. Help supply insurance carrier with information about the injured employees in order to ensure the health and well-being of the employee and return the employee back to full duties as soon as possible.

1.4 Field Superintendents play a key role in prevention of accidents on the job. They have direct contact with the foremen and employees and know the safety requirements for various jobs. Safety responsibilities for Field Superintendents include, but are not limited to:

1. Enforcement of all safety rules in the Code of Safe Work Practices and ensure safe work procedures are being followed on all projects.
2. Verifying corrective actions have been taken regarding safety hazards and accident investigations.
3. Conducting periodic inspections of the work sites to identify and correct unsafe actions and conditions that could cause accidents.
4. Setting a good example as a leader in promoting safe work practices and abiding by all safety rules.

1.5 Project Managers are an important element in ensuring that jobs are planned and executed safely. Project Managers:

1. Ensure that important safety information is communicated during the initial job set-up process.
2. Review work products created during the submittal process (e.g. work plans, Activity Hazard Assessments, etc.)
3. Verify that work was performed in accordance with applicable safety regulations during the closeout process.

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1.6 Foremen/Competent Persons are responsible for the overall safety of their crew at the jobsite.

Foreman/Project Supervisors are designated by the Director of Safety and Compliance as Site Specific Safety Monitors and their duties include, but are not limited to:

1. Conduct daily safety meetings with employees on jobsite.
2. Ensure employee proficiency when assigning work tasks that require specific knowledge, special operations, or equipment.
3. Train all new and existing employees in proper safety procedures and the hazards of the job.
4. Complete hazard assessment of jobsite and correct unsafe conditions that could cause accidents.
5. Communicate with all employees about safety and accident prevention activities.
6. Ensure that proper first aid and fire-fighting equipment is maintained and available.
7. Ensure hygiene supplies (e.g. soap and water, disinfectants) are available to all employees at the job site.
8. Ensure all employees are wearing appropriate PPE at all times.
9. Maintain good housekeeping and hygiene conditions in the work areas at all times.
10. Ensure all injuries involving our employees that require medical attention are properly treated and promptly reported to the office.
11. Ensure accident/injury forms are filled out in the event of an accident or injury.
12. Ensure employees under their supervision obey all safety regulations and company safety policies.

1.6 Every employee is responsible for working safely in order to protect themselves and protect other employees. Employees must also support all company safety efforts. Specific employee safety responsibilities include, but are not limited to:

1. Read and abide by all requirements of PARC's Safety Manual and IIPP.
2. Read and understand all requirements of PARC's Code of Safe Work Practices.
3. Wear all required personal protective equipment.
4. Report all accidents and injuries, no matter how minor, to your supervisor immediately.
5. Only trained and authorized employees may operate equipment or work with hazardous materials.
6. Report any safety hazards or defective equipment immediately to a supervisor.
7. Actively support and participate in PARC's safety program.

2.0 COMPLIANCE

The compliance of all employees with PARC's Safety Manual and IIPP is mandatory and shall be considered a condition of employment.

The following programs will be utilized by management to ensure health policies and procedures are clearly communicated and to ensure employee compliance with the safety program and all safety rules.

- New Employee Orientation

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- Retraining
- Disciplinary Action
- Safety Incentive Program

2.1 New Employee Safety Orientation

During our New Employee Safety Orientation, new hire employees will receive a copy of and be instructed on PARC's IIPP, Code of Safe Work Practices, Hazard Communication Program, and any other safety policies or procedures pertinent to their job function. The new hire employee will be informed of how to access all other safety programs in PARC's Safety Manual. The new hire employee will be informed of safe work practices, requirements for personal protective equipment, and the consequences of failing to abide by safety rules during the New Employee Safety Orientation. This will help ensure that all employees understand and abide by PARC safety policies.

2.2 Retraining

If after initial training, employees are observed performing unsafe acts or not following proper procedures or rules they will be retrained by their supervisor or the Director of Safety and Compliance. Training may be documented using sign-in sheets, quizzes, and/or operator evaluation forms.

2.3 Disciplinary Action:

Violations of the safety rules and the Code of Safe Work Practices are to be considered equal to violations of other company policies. Discipline for safety violations will be administered in a manner that is consistent with PARC's system of progressive discipline. If, after training, violations occur, disciplinary action will be taken as follows:

1. Documented Oral warning.
2. Written warning and meeting with Superintendent and/or Director of Safety and Compliance.
3. Suspension until issue is resolved.
4. Termination.

Depending on severity of the violation and if it is a deliberate act, PARC reserves the right to alter the disciplinary action. PARC will administer immediate discharge only if the violation results in an injury, severe property damage, or a fatality and clearly stated, written or posted safety rules, procedures or safe work practices have been deliberately violated.

The Director of Safety and Compliance and the Superintendent shall review all disciplinary actions and the local union and other governing agencies may be consulted with if the employee is disputing the actions taken.

2.4 Safety Incentive Program

PARC believes in positive reinforcement to communicate the importance of working safe. PARC has implemented a safety incentive program to positively encourage employees to work safely at all times.

Program Specifications

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- Office employees will receive 5 Safety Bucks twice per month in their paycheck
- If an office employee does not work and receives a paycheck, then they will not receive Safety Bucks for that two week period
- Field employees will take part in a progressive safety buck program that encourages a team approach to safety. The following will be the schedule of increases for safety buck distribution to field employees during periods with no stoppages (see definition below):
 - Month 1-2: earn 2 Safety Bucks per pay period
 - Month 3-4: earn 4 Safety Bucks per pay period
 - Month 5-6 earn 6 Safety Bucks per pay period
 - Month 7-8 earn 8 Safety Bucks per pay period
 - Month 9-10 earn 10 Safety Bucks per pay period
 - Month 11-12 earn 12 Safety Bucks per pay period
- Employees will continue to receive 12 Safety Bucks per pay period for month 13 and beyond as long as there are no stoppages of Safety Bucks as described below.
- If a field employee does not work and does not receive a paycheck, they will not receive Safety Bucks for that week.
- Employees can redeem Safety Bucks for various items.

Bonuses

- Employees can earn an additional 100 Safety Bucks for each six month period that the company does not have a significant injury, serious accident, serious near miss or serious violation.
- Employees who are authorized to drive company vehicles may also earn a Safety Buck bonus if they do not have any new accidents (whether or not they appear on their DMV motor vehicle record) or new moving violations on their DMV motor vehicle record during the year.

Stopping and Restarting Safety Bucks

- If an employee is injured, PARC may halt Safety Bucks companywide if the injury is significant (e.g. lost time, modified duty, medical treatment beyond first aid) **and** an investigation determines the injury was the result of an unsafe act, unsafe behavior or unsafe condition that could have been prevented. Safety Buck stoppages will last for two (2) weeks from the date the investigation ended. Safety Bucks will restart at 2 Safety Bucks after the halt has ended. **Safety Bucks will not automatically stop solely because an employee reported an injury, therefore employees are strongly encouraged to report all injuries no matter how minor.**
- Safety Bucks may also be stopped for two weeks if there is a serious safety hazard, serious accident, serious safety regulatory violation or serious near miss even if no employees were injured as a result.

Extras

- Safety Bucks can also be earned through safe acts on the jobsite, participation in training classes, safety meetings, etc.

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- PARC may elect to continue Safety Bucks following an accident, near miss or injury in the event circumstances were beyond any employee's control and the incident was not the result of any employee's action or failure to act.
- Individual employees may continue to earn extra Safety Bucks for performing safe acts even during a companywide Safety Bucks stoppage.

3.0 COMMUNICATION

This section establishes procedures designed to develop and maintain employee involvement and interest in the Safety Manual and IIPP. These activities will also ensure effective communication between management and employee on safety related issues that is of the utmost importance to PARC. The following are some of the safety communication methods that may be used:

1. Daily safety meetings with employees that encourage participation and open, two-way communication. Tailgate style safety meetings between supervisors and employees will occur at the start of each day on project sites.
2. New employee safety orientation as described in section 2.1 of the IIPP.
3. Provision and maintenance of employee bulletin boards discussing safety issues, accidents, and general safety suggestions.
4. Written communication from management or the Director of Safety and Compliance, including memos, postings, payroll stuffers, and newsletters.
5. Anonymous safety suggestion program.
6. Periodic company-wide safety training days

Employees will be kept advised of highlights and changes related to the safety program. Management shall relay changes and improvements regarding the safety program to employees, through written communication, safety meetings and/or safety bulletin boards. Employees will be involved in future developments of the safety program through review of safety suggestions and opinions.

All employee-initiated safety related suggestions shall be properly answered, either verbally or in writing, by the appropriate level of management. Unresolved issues shall be relayed to the Director of Safety and Compliance.

All employees are encouraged to bring any safety concerns they may have to the attention of management. PARC will not discriminate against any employee for raising safety issues or concerns.

PARC also has a system of anonymous notification whereby employees who wish to inform the company of workplace hazards without identifying themselves may do so by phoning or sending written notification to the following address: 2864 E Dorothy Ave, Fresno, CA 93706. Attn: Safety

4.0 HAZARD ASSESSMENT

PARC will perform hazard assessments and inspections of the work area and of jobsites in order to identify potential hazards employees may encounter during their job tasks. The procedures identified in this section are not exhaustive of all measures and methods that will be implemented to guard against injury from recognized and potential hazards in the workplace. As new hazards are identified or

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improved work procedures developed, they will be promptly incorporated into our Safety Manual. The following methods will be utilized to identify hazards in the workplace:

- Loss analysis of accident trends
- Accident investigation
- Employee observation
- Employee suggestions
- Regulatory requirements for our industry
- Outside agencies such as our insurance carrier risk analysis team
- Periodic safety inspections

4.1 Loss Analysis

Periodic loss analyses will be conducted by PARC's Director of Safety and Compliance. These will help identify areas of concern and potential job hazards. The results of these analyses will be communicated to management, supervisors, and employees through safety meetings and other appropriate means.

4.2 Accident Investigations

All accidents and injuries will be investigated in accordance with the guidelines contained in this program. Accident investigations will focus on all casual factors and corrective action including the identification and correction of hazards that may have contributed to the accident.

4.3 Employee Observation

Supervisors shall continually observe employees for unsafe actions and take corrective action as necessary.

4.4 Employee Suggestions

Employees are encouraged to report any hazard they observe to their supervisor. No employee of PARC is to ever be disciplined or discharged for reporting any workplace hazard or unsafe condition. However, employees who do NOT report potential hazards or unsafe conditions that they are aware of will be subject to disciplinary action.

4.5 Regulatory Requirements

All industries are subject to government regulations relating to safety. Many of these regulations are specific to our type of business. Copies of pertinent regulations can be obtained from PARC's Director of Safety and Compliance.

4.6 Outside Agencies

Several organizations will assist us in identifying hazards in our workplace. These include safety officers from other contractors, insurance carrier safety and health consultants, private industry consultants, the fire department, and Cal/OSHA Consultation.

4.7 Periodic Safety Inspections

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Periodic safety inspections ensure that physical and mechanical hazards are under control and identify situations that may become potentially hazardous. Inspections shall include a review of the work habits of employees in all the work areas. These inspections will be conducted by PARC's Director of Safety and Compliance, Supervisors or other designated individuals.

Periodic safety inspections will be conducted:

- When new substances, process, procedures or equipment are used.
- When new or previously unrecognized hazards are identified.
- Periodically by the Supervisor.
- Periodically by the PARC Director of Safety and Compliance

These inspections will focus on both unsafe employee actions as well as unsafe conditions. The following is a partial list of items to be checked.

- The proper use, condition, and maintenance of equipment on the jobsite.
- The proper use, condition, and maintenance of safeguards for all power-driven equipment.
- Compliance with the Code of Safe Practices.
- Housekeeping and personal protective equipment.
- Hazardous Materials.
- Proper material storage.
- Provision of first aid equipment and emergency medical services.

Any and all hazards identified will be corrected as soon as practical in accordance with the PARC hazard correction policy.

If imminent or life threatening hazards are identified, which cannot be immediately corrected, all employees must be removed from the area, except those with special training required to correct the hazard, who will be provided necessary safeguards.

4.8 Document of Inspection

Safety inspections will be documented to include the following:

- Date on which the inspection was performed.
- The name and title of person who performed the inspection.
- Any hazardous conditions noted or discovered and the steps or procedures taken to correct them.
- Signature of the person who performed the inspection.

One copy of the completed form should be sent to the office. All reports shall be kept on file for a minimum of two (2) years.

5.0 ACCIDENT/ILLNESS/EXPOSURE INVESTIGATION AND REPORTING

5.1 Accident Reporting

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Employees are required to report all injuries or illnesses, no matter how minor, immediately to their supervisor. The following accident reporting procedures must be followed:

1. For a serious or life-threatening accident, dial 911 and request the paramedics.
2. Employees must report all work injuries to their supervisor immediately even if they feel no medical attention is required. Failure to report an accident may delay Worker's Compensation Benefits and may result in disciplinary action.
3. The Supervisor, employee, and first aid person, should determine whether or not medical attention beyond first aid is needed. When uncertainty exists, the employee should be sent for professional medical care.
4. If medical attention is not desired or the employee refuses treatment, the employee is required to fill out a "Refusal for Treatment" form.
5. In all cases, if an employee cannot transport himself or herself for any reason, transportation will be provided.
6. In the event of a serious accident involving hospitalization, amputation, permanent disfigurement, loss of consciousness or death, the PARC office needs to be contacted at 559-233-7156 as well as the nearest OSHA enforcement agency.
7. PARC is required by Cal/OSHA to record all OSHA recordable injuries and illnesses on Cal/OSHA Form 300 and Cal/OSHA 301 (or an equivalent form) within seven (7) calendar days of receiving information that a recordable injury has occurred. Therefore, timely and accurate reporting is essential.

5.2 Illness Reporting Procedures

Employees must also report workplace illnesses to their supervisor. Use the following procedure when an employee reports an illness:

1. Call 911 in the event of a life-threatening emergency.
2. DO NOT report to work if you are symptoms of febrile illness such as fever, coughing or shortness of breath. Consult your healthcare provider for further advice.
3. Immediately alert your supervisor if you experience symptoms of febrile illness during the workday. Employees experiencing symptoms of febrile illness during the workday shall be asked to leave the worksite and consult with their healthcare provider.
4. Supervisors must report all instances of employees experiencing febrile illness to the Director, Safety and Compliance (or the designated alternate).

PARC reserves the option to screen employees for signs of illness (in accordance with applicable laws and regulations) that may pose a safety hazard on the worksite to other employees.

5.3 Accident/Incident/Near Miss Investigation

The PARC Director of Safety and Compliance or a designated supervisor or individual will investigate all work-related accidents in a timely manner. This includes minor injuries and "near misses", as well as all

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serious injuries. An accident is defined as any unexpected occurrence that results in injury to personnel, damages to equipment, facilities, or material, or interruption of normal operations.

Following any accident, a full investigation performed by PARC's Director of Safety and Compliance or an authorized supervisor or individual may include where feasible:

- A visit to the accident scene as soon as possible following the accident.
- Interview with the injured employee and any witnesses.
- Follow up with treating physician for work restrictions if applicable.
- Follow up and documentation with insurance carrier and Worker's Compensation if applicable.
- Documentation of accident should include, but is not limited to:
 - Cause of accident/injury
 - Corrective actions
 - employees involved
 - Witnesses
 - Tools or equipment or chemicals involved,
 - PPE worn by injured employee.
- Investigative meeting with injured employee and management
- Corrective actions to ensure accident will not reoccur
- Disciplinary actions for failure to follow safety policies and procedures if applicable

If policy and procedures are not followed by the employee, PARC reserves the option to take disciplinary action.

6.0 HAZARD CORRECTION

The following procedure will be used to evaluate, prioritize, and correct identified safety hazards. Hazards will be corrected in the order of priority: the most serious hazards will be corrected first.

6.1 Hazard Evaluation

Factors that will be considered when evaluating hazards include:

- Potential severity- The potential for serious injury, illness or fatality
- Likelihood of exposure- The probability of the employee coming in contact with the hazard
- Frequency of exposure- How often employees come into contact with the hazard
- Number of employees exposed
- Possible corrective actions- What can be done to minimize or eliminate the hazard
- Time necessary to correct- The time necessary to minimize or eliminate the hazard

6.2 Techniques for Correcting Hazards

PARC shall implement the hierarchy of controls when implementing controls or corrective actions in the following order as feasible:

Section 2-1

1. Elimination- Eliminate the hazard or hazardous situation in the workplace.
2. Substitution- Substitute hazard with a less hazardous task, procedure, product/material, or equipment/tool.
3. Engineering Controls- Includes designs or modifications to equipment, ventilation systems and processes that reduce the source of exposure.
4. Administrative Controls- Includes controls that alter the way work is done including timing of work, policies and procedures, and work practices.
5. Personal Protective Equipment- Equipment worn by the employee to reduce exposure or contact with the hazard.

6.3 Documentation of Corrective Action

All corrective actions taken to mitigate hazards in the workplace will be documented. Depending on the circumstances, one of the following documents should be used:

1. Jobsite Audit form
2. Safety meeting form
3. Memo or letter

All hazards that are corrected shall have a follow up inspection to ensure and determine that the corrective action taken remains effective.

7.0 TRAINING

PARC is committed to training and instructing all employees in safe and healthful work practices. Awareness of potential hazards and the knowledge in how to control them, is critical in maintaining a safe work environment for our employees. It is also key in preventing work related injuries and illnesses. To achieve this goal, PARC will train employees in general safe work practices and in safety procedures specific to an employee's work tasks.

New employees will be given instruction by their supervisor in the general safety requirements of their job before initial assignment of duties. A copy of PARC's Code of Safe Work Practices and IIPP will be provided to each employee.

Managers, supervisors, and employees will be trained at least twice per year on various accident prevention topics.

Training provides the following benefits:

- Informs employees of hazards in the work area
- Teaches employees how to perform job safely
- Promotes two way communication between employees and management
- Encourages safety suggestions
- Creates interest in the safety program
- Fulfills Cal/OSHA requirements

Section 2-1

Employee training will be provided at the following times:

1. All new employees will receive training during PARC's New Hire Safety Orientation prior to initial assignment
2. All employees given a new job assignment for which training has not been previously provided will receive training prior to initial assignment of the new job.
3. For supervisors to familiarize themselves with the safety and health hazards to which employees under their immediate direction and control may be exposed.
4. Whenever new substances, processes, procedures or equipment that represent a new hazard are introduced into the workplace.
5. Whenever PARC is made aware of a new or previously unrecognized hazard.
6. Whenever management believes that additional training is necessary.
7. After all serious accidents.
8. Employees are observed not following safe work practices or procedures.
9. Employees feel they cannot perform their job safely and request additional training.
10. As required by specific Cal OSHA Standards

Training Topics will include, but are not limited to:

1. Employee's safety responsibility
2. General Safety rules and Code of Safe Work Practices
3. Job specific safety rules and safe work practices
4. Ergonomics
5. Personal Protective Equipment
6. Hazard Communication
7. Equipment and Tool Safety
8. Heat Illness Prevention
9. Emergency Action Procedures
10. Safe Lifting and Material Handling Procedures
11. Contents of Safety Program
12. Reporting Safety Concerns

Documentation of Training

All training will be documented of one of the following forms:

- New Employee Safety Orientation Form
- Safety Training Sign-in sheet
- Safety Meeting Report

Actual demonstrations of the proper way to perform a task are very helpful in most cases. The following training method should be used:

- Tell them how to do the job safely
- Show them how to do the job safely
- Have them tell you how to do the job safely
- Have them show you how to do the job safely
- Follow up to ensure they are still performing the job safely

8.0 RECORDKEEPING AND EMPLOYEE ACCESS TO RECORDS

PARC's Director of Safety and Compliance, will ensure the maintenance of all Safety and Employee related records. PARC will maintain these records at its offices located at 2864 E. Dorothy Ave., Fresno, CA for the minimum time periods listed below:

1. New Employee Safety Orientation Receipt: Length of employment
2. Code of Safe Work Practices Receipt: Length of employment
3. Disciplinary Actions for Safety: Length of employment
4. Safety Inspections: 5 years
5. Safety Meeting documentation: 5 years
6. Accident Investigations: 5 years
7. Written records of work related-fatalities, injuries and illnesses that meet Cal/OSHA's general recording criteria (Cal/OSHA log of Injuries): 5 years
8. Inventory of Hazardous Materials: Indefinitely
9. Employee Exposure (includes environmental and biological monitoring of toxic or hazardous substances, excludes tests for drug and alcohol use): Length of employment plus 30 years
10. Medical records (for purposes of this policy, a medical record is a record concerning the health status of an employee which is made or maintained by a physician, nurse, or other health care personnel, or technician) : Length of employment plus 30 years

PARC employees or their designated representatives shall have access to the above records upon request. Whenever an employee or designated representative requests access to a record, PARC shall assure that access is provided in a reasonable time, place, and manner, but in no event later than fifteen (15) days after the request for access is made. Before the time for providing access has expired, PARC after notice to the employee or designated representative may, by notification to be followed in writing, request an extension of time from the Chief, Division of Occupational Safety and Health, which shall be granted upon a finding of good cause by the Chief. PARC will provide medical records, as described above, at no cost to the employee.

PARC will remove personally identifying information prior to granting access to the records described above to protect employee privacy.

PARC shall make employees aware of the provision of recordkeeping on the following occasions:

- a. Initial assignment
- b. Annual basis

Additionally, information regarding the locations of records and access shall be posted at each work location.

Should PARC cease to do business, the records described above shall either be transferred to a successor company or PARC shall provide employees instruction on how to access records 90 days prior to the cessation of business.

In addition to the records described above, PARC will complete a Cal/OSHA 300A Summary, which is an annual summary of work-related injuries and illnesses. The Cal/OSHA 300A will be reviewed and signed

Section 2-1

by a company official. This document will be kept the PARC office located at 2864 E Dorothy, Fresno, CA 93706 and will be posted between February 1-April 30 of the following calendar year in a conspicuous location visible to employees. Employees shall also have access to PARC's OSHA 300A annual summary upon request at any time during the year.

9.0 ACCESS AND AVAILABILITY

PARC shall make the IIPP available to employees and their authorized representatives upon request. Individuals wishing to receive a copy on behalf of a PARC employee must be authorized by the PARC employee in writing. Union representatives are considered authorized representatives and need not secure written authorization from a PARC employee.

Upon receipt of a request from an employee (or their authorized representative), PARC shall provide a copy of the IIPP through one, or more, of the following means:

- Hard copy
- Electronic copy sent via email (if the employee consents to email delivery)
- Electronic access via a company computer

REVISION HISTORY

May 2020-Added illness reporting requirements, revised Safety Bucks language, added supervisor requirements.

May 2021-Revised safety incentive program, added supervisor requirements, added responsibilities for Competent Persons

May 2022-Changed CEO from Louie Martina to Jason Martina, added responsibilities for Project Managers, revised Safety Buck halt criteria

ACKNOWLEDGEMENT OF RECEIPT OF PARC'S IIPP

PARC has provided me with a copy of the company's Injury and Illness Prevention Program (IIPP) dated May 2022. It is my responsibility as an employee of PARC to read and understand the policies and procedures included in the IIPP.

Print Name_____

Date_____

Signature_____

Section 4 – Contractor Pre-Start Project Submittals

4X. Contractor Written Respiratory Protection Program

PARC's Respiratory Protection Program

Applicable Standards: 29 CFR 1910.134, 8 CCR 5144

PURPOSE

PARC has developed this respiratory protection program to protect employees from respiratory hazards employees may be exposed to during routine operations. These hazards include particulates, dusts, vapors, fumes, mists, gases, and in some cases Immediately Dangerous to Life and Health (IDLH) conditions.

SCOPE AND APPLICATION

This program applies to all employees who are exposed to potential respiratory hazards and those employees required to wear respirators during normal operations and during non routine and emergency operations. This includes asbestos and lead abatement workers, hazardous materials technicians, and any other employees exposed to hazardous respiratory conditions.

In addition, any employee who voluntarily wears a respirator when a respirator is not required is subject to the requirements of this program.

PARC will provide training, medical evaluations, fit tests and respirators at no cost to its employees. PARC is responsible for ensuring that all employees wear respiratory protection when it is necessary. Failure to wear provided protection is grounds for termination of employment.

RESPONSIBILITIES

Respiratory Program Administrator

The Respiratory Program Administrator is responsible for the overall implementation of the program.

The Respiratory Program Administrator for PARC is: Toli Mikell

Responsibilities include:

- Evaluating workplace hazards and tasks that require respirator use
- Providing respiratory protection training
- Ensuring employees are using respirators correctly
- Selection of respirators
- Implementing medical surveillance program
- Administering fit tests
- Evaluating and updating program and recordkeeping practices as necessary

Supervisors

Supervisors are responsible for implementation of the respiratory protection program in the field.

Responsibilities include:

- Ensuring that employees under their supervision have received training and have current fit tests and medical evaluations

Section 2-4

- Observing worksite for respiratory hazards and assessing the hazard to verify if the proper respirator and cartridges have been chosen
- Enforcing the use of appropriate respiratory protection
- Ensuring employees are properly maintaining, cleaning, and storing respirators

Employees

Responsibilities include:

- Maintaining and caring for respirator which includes properly cleaning and inspecting their issued respirator.
- Storing respirator appropriately
- Advising Supervisors when their respirator needs to be replaced due to wear and tear, missing parts, or the respirator no longer fits correctly

EVALUATION OF WORKPLACE HAZARDS

Potential respiratory hazards for PARC employees typically include the following:

- Exposure to asbestos fibers
- Exposure to lead dusts and fumes
- Exposure to respirable crystalline silica
- Exposure to fumes and vapors from handling certain products (e.g. paints, epoxies)
- Exposure to spores that cause Valley Fever
- Exposures to infectious diseases such as the virus that causes COVID-19
- Exposure to particulates from wildfire smoke while working outdoors (air quality index 151 or greater)

Employees must understand which hazards are present on the job site to determine how to best protect themselves. Use the techniques listed below to determine which hazards may exist at the job site:

- Determine what type of work is being performed. (e.g. asbestos abatement, lead paint removal, etc.)
- Review the Safety Data Sheets for all chemicals and products used on the job to determine what respiratory protection may be required.
- Review air monitoring data from similar jobs previously performed.
- Consult websites of agencies such as the EPA (airnow.gov) or the local air quality management district to determine if smoke from wildfires is making the air unhealthy (air quality index 151 or greater).

CONTROL OF HAZARDS

Respiratory hazards can be controlled through a variety of means. The controls should be used in the order they are listed below.

1. Elimination or substitution

Example-Replace a product with a hazardous chemical with one that does not have that hazard.

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2. Engineering controls

Example-Use devices such as negative air machines

3. Administrative controls

Example-Clean up contamination from the job site to prevent the spread of potential contaminants like asbestos fibers or lead paint dust.

4. Personal protective equipment (PPE)

Example-Use respirators

SELECTION OF EQUIPMENT

Approved Equipment – Respirators and cartridges shall not be purchased or used unless approved by the National Institute for Occupational Safety and Health.

PARC will assess each job site for correct respiratory protection. For each job the Superintendent, under the supervision of the program administrator will choose the appropriate respirator and filter based upon previous personal and excursion monitoring on jobs with similar conditions. After a respirator and filter have been selected for a job periodical monitoring will be performed if deemed necessary by the program administrator or if job conditions change.

- Upon request, PARC will provide a powered air purifying respirator (PAPR) to an employee in lieu of any negative-pressure respirator, provided the PAPR will provide adequate protection.

For particulate contamination, the following are the respirator selection guidelines:

Half-Face Respirator w/HEPA cartridge	Asbestos up to 1 f/cc
Full-Face Respirator with HEPA cartridge	Asbestos up to 5 f/cc
Powered Air-Purifying Respirator w/HEPA cartridge	Asbestos up to 100 f/cc
Full-Face Pressure Demand Supplied Air w/HEPA cart	Asbestos up to 100 f/cc
Half-Face Respirator w/HEPA cartridge	Lead not in excess of 500 ug/m ³
Full-Face or PAPR w/HEPA cartridge	Lead not in excess of 2,500 ug/m ³
Powered Air-Purifying Respirator w/ HEPA cartridge	Lead not in excess of 50,000 ug/m ³

Select the appropriate respirator filter cartridges using the following Cal/OSHA standard color designation table.

Contaminant	Color Coding on Cartridge
Acid gases	White
Hydrocyanic acid gas	White w/ 0.5" green stripe completely around canister near the bottom
Chlorine gas	White w/ 0.5" yellow stripe completely around canister near the bottom
Organic vapors	Black

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Ammonia gas	Green
Acid gases and ammonia gas	Green w/ 0.5" white stripe completely around the canister near the bottom
Carbon Monoxide	Blue
Acid gases and organic vapors	Yellow
Hydrocyanic acid gas and chloropicrin vapor	Yellow w/ 0.5" blue stripe completely around the canister near the bottom
Acid gases, organic vapors, and ammonia gases	Brown
Radioactive materials, except tritium and noble gases	Purple (Magenta)
Pesticides	Organic vapor canister plus a particulate filter
Multi Contaminant and CBRN agent	Olive
Any particulates- P-100	Purple
Any particulates- P-95, P99, R95, R99, R100	Orange
Any particulates free of oil- N95, N99, N100	Teal

HAZARDOUS RESPONSE AND EMERGENCY SITUATIONS

If there is no information on what the contamination of the atmosphere is or if it is oxygen deficient, it will be considered IDLH (immediately dangerous to life or health). For this, a full facepiece pressure demand SCBA certified by NIOSH with a minimum service life of thirty minutes must be used. After the atmosphere has been tested, the results will determine if a downgrade in respirator and filter is appropriate.

IDLH Atmospheres

Anytime an employee enters a presumed or classified IDLH atmosphere, PARC will ensure the following procedures are implemented:

1. One employee, or more if deemed necessary, will be located outside the IDLH atmosphere. The employee(s) designated to remain outside the IDLH atmosphere must be equipped and trained to provide emergency rescue.
2. Communication, whether visual, voice or by signal, will be consistently maintained between the employee(s) inside the IDLH atmosphere and the employee(s) outside the IDLH atmosphere.
3. The employee(s) located outside the IDLH atmosphere must notify the employer or designee prior to entering an IDLH atmosphere to provide emergency rescue.
4. The employer or designee authorized to do so by the employer, once notified, provides necessary assistance appropriate to the situation.
5. Employee(s) located outside the IDLH atmosphere that may provide rescue services must be equipped with the following:
 - a. Pressure demand or other positive pressure SCBAs
 - b. Retrieval equipment that would contribute to the rescue of employee(s) or equivalent means of rescue. The method selected must not increase the overall risk resulting from entry

GENERAL USE PROCEDURES

- Use the respirator as specified in this program and in accordance with the training received and manufacturer's recommendations.
- Conduct user seal checks each time you wear a respirator. Conduct both positive and negative pressure checks to ensure a proper seal for tight fitting respirators.
- Remove facial hair or other obstructions that would not allow a tight fit with good seal.
- Leave the regulated area work area anytime for the following reasons:
 - ✓ Change filters/cartridges
 - ✓ Inspect or replace parts on the respirator
 - ✓ Wash hands and face

AIR QUALITY

For supplied air respirators, only Grade D breathing air shall be used in the cylinders. The air must be certified by the supplier that it meets the specifications of Grade D breathing air. PARC will maintain a minimum air supply of one fully charged replacement cylinder for every unit.

NOTE: Air Purifying Respirators (APRs) are NEVER to be used in an oxygen-deficient atmosphere. No PARC employee shall enter an oxygen-deficient environment with an APR.

MEDICAL EVALUATION

Employees who are required to wear or employees who choose to wear an APR must pass a medical exam before being permitted to wear a respirator on the job. Employees are not permitted to wear respirators until a physician has determined that they are medically able to do so. Any employee refusing the medical evaluation will not be allowed to work in an area requiring respirator use.

A physician or other licensed health care professional (PLHCP) at a facility approved by PARC or the Union will provide the medical evaluation.

Medical Evaluation Procedures

1. The medical evaluation will be conducted using a copy of the OSHA Respirator Medical Evaluation Questionnaire found in Appendix C of the protection standard.
2. To the extent feasible, PARC will assist employees who are unable to read the questionnaire (by providing help in reading the questionnaire). When this is not possible, the employee will be sent directly to the physician for medical evaluation and help with questionnaire.
3. All employees will be granted the opportunity to speak with the physician about their medical evaluation, if they so request.
4. After an employee has received clearance and begun to wear his or her respirator, additional medical evaluations will be provided under the following circumstances:

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- a. Employee reports signs and/or symptoms related to their ability to use a respirator, such as shortness of breath, dizziness, chest pains, or wheezing.
 - b. The licensed physician informs the office/union that the employee needs to be reevaluated. Information from this program, including observations made during fit testing and program evaluation, could result in a need for reevaluation.
 - c. A change occurs in workplace conditions that may result in an increased physiological burden on the employee.
5. All examinations are to remain confidential between the employee and physician.
 6. Employees who continuously wear respirators or have the potential for the need to wear a respirator in the workplace shall continue to receive annual medical exams.

Follow-up Medical Examination Procedure

1. PARC shall ensure that a follow-up medical examination is provided for an employee who gives a positive response to any question among questions 1 through 8 in Section 2, Part A of Appendix C or whose initial medical examination demonstrates the need for a follow-up medical examination.
2. The follow-up medical examination shall include any medical tests, consultations, or diagnostic procedures that the PLHCP deems necessary to make a final determination.

Administration of the Medical Questionnaire and Examinations

1. The medical questionnaire and examinations shall be administered confidentially during the employee's normal working hours or at a time and place convenient to the employee. The medical questionnaire shall be administered in a manner that ensures that the employee understands its content.
2. PARC shall provide the employee with an opportunity to discuss the questionnaire and examination results with the PLHCP.

RESPIRATOR SELECTION AND FIT TESTING

Fit testing is required for all employees who are required or choose to wear a tight fitting respirator. A fit test must be performed for each type of respirator worn.

Employees must be fit tested:

- Before being allowed to wear a respirator
- Annually
- When there are changes in the employee's physical condition that could affect the fit of the respirator

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Employees will be fit tested with the make, model, and size of respirator that they will actually be wearing. Employees will be provided with different models and sizes of respirator in order to find the optimal fit. PARC will provide the following makes and models of respirators:

- North 7700 respirators in small, medium, and large
- 3 M 7000 series respirators in small, medium, and large
- Scott AV 2000 Full face and SCBA in small, medium, and large
- Survivair Panther SCBA in small, medium, and large

The program administrator and all trained supervisors will conduct fit tests in accordance with the OSHA approved fit test methods. The Qualitative Irritant Smoke Protocol listed in Appendix A to 8 CCR 5144 and 29 CFR 1910.134 shall be utilized when fit testing employees with half face respirators. The Quantitative Fit test Protocol listed in Appendix A to 8 CCR 5144 and 29 CFR 1910.134 shall be utilized for all respirators other than half face masks.

RESPIRATOR CLEANING, MAINTENANCE, CHANGE SCHEDULES, AND STORAGE

Cleaning

Respirators are to be regularly cleaned and disinfected during employee decontamination procedures. If used by more than one employee it will be cleaned and disinfected before being passed from one employee to another. All emergency respirators must be cleaned after each use.

The following procedure will be used when cleaning and disinfecting respirators:

1. Disassemble respirator, removing any filters, canisters or cartridges.
2. Wash the facepiece and associated parts in a mild detergent with warm water. Do not use organic solvents.
3. Rinse completely in clean warm water.
4. Wipe the respirator with disinfectant wipes to kill germs.
5. Air-dry in a clean area.
6. Reassemble the respirator and replace any defective parts.
7. Place in a clean, dry plastic bag or other airtight container.

Maintenance

Respirators will be properly maintained at all times in order to ensure that they function properly and adequately protect the employee. Maintenance involves a thorough visual inspection for cleanliness and defects. Respirators must be inspected before use. Worn or deteriorated parts will be replaced prior to use. No components will be replaced or repairs made beyond those recommended by the manufacturer. Repairs to regulators or alarms of atmosphere-supplying respirators will be conducted by the manufacturer.

The following checklist will be used when inspecting respirators:

- Facepiece: Cracks, tears, or holes, facemask distortion, loose faceshield
- Head straps: Breaks, tears, or broken buckles
- Valves: Residue or dirt, cracks, tears, or missing parts
- Filters/Cartridges: Approval label, gaskets, cracks or dents in housing, proper cartridge for hazard

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- Air Supply Systems: Breathing air quality/grade, conditions of supply houses, hose connections, settings on regulators and valves

If a respirator is found to be inadequate or defective it must be fixed according to manufacturer's recommendations before being put back into service. If the respirator cannot be repaired according to manufacturer's recommendations then the respirator must be discarded and replaced.

Respirators used for emergency response purposes will be maintained and inspected by PARC. Respirators used for emergency response are inspected on a weekly basis using the checklist above. Inspections are documented and records are maintained at the PARC office.

Change Schedules

Employees wearing APRs or PAPRs with P100 filters for protection against particulates will change the cartridges on their respirators once per shift or when they first begin to experience difficulty breathing (i.e., resistance) while wearing their masks, whichever is more often. Employees wearing respirators with a vapor type cartridge will be changed based on manufacturer recommendation.

Storage

Respirators must be stored in a clean, dry area, and in accordance with manufacturer's recommendations. Each employee will clean, inspect their respirators in accordance with this program and store their respirator in a clear plastic bag.

Respirators used for emergency response calls will be maintained and stored by PARC according to the manufacturer's recommendations.

TRAINING

Toli Mikell will provide training to supervisors and field workers on the contents of the PARC Respiratory Protection Program and their responsibilities under it, and on the OSHA Respiratory Protection standard. Employees will be trained prior to using a respirator in the workplace. Training will consist of both classroom instruction and hands on exercises. Training will cover the following topics:

- a. Fundamentals of PARC's Respiratory Protection Program
- b. OSHA Respiratory Protection standard
- c. Respiratory hazards that may be encountered at job sites
- d. Proper selection and use of respirators
- e. Respirator donning and user seal (fit) check
- f. Fit testing
- g. Emergency use procedures
- h. Inspection, maintenance, cleaning and storage
- i. Medical signs and symptoms that may limit the effective use of a respirator
- j. Limitations and capabilities of a respirator

Employees will be trained and re-trained annually or more frequently if deemed necessary by the program administrator. All training will be documented and will be done with an interpreter if necessary or requested.

Training Procedures

Section 2-4

Initial training

1. Initial training will be conducted upon hire or prior to the conducting work where respirator use is required.
2. Initial training will cover the subject areas described above.
3. Training may consist of in-person instruction, remote instruction via teleconferencing services (e.g. Zoom, Cisco Webex, etc.), computer based training or other means as necessary.
4. The instructor shall ensure the employee has demonstrated understanding of the fundamentals of respiratory protection and respirator use.
5. When discussion of the subject areas is complete, the employee will be given a hands-on demonstration of proper respirator inspection, donning and seal checks.
6. Upon successful completion of training, PARC will generate a training record indicating for the employee.

Refresher training

1. Employees will receive refresher training no later than the one year anniversary date of their most recently completed training.
2. Refresher training will cover the subject areas described above.
3. The instructor may utilize this training period as an opportunity to assess the effectiveness of the respiratory protection program by discussing the respiratory protection program with employees and utilizing this feedback to make changes to the program as necessary.
4. Training may consist of in-person instruction, remote instruction via teleconferencing services (e.g. Zoom, Cisco Webex, etc.), computer based training or other means as necessary.
5. The instructor shall ensure the employee has demonstrated understanding of the fundamentals of respiratory protection and respirator use.
6. When discussion of the subject areas is complete, the employee will be given a demonstration of proper respirator inspection, donning and seal checks.
7. Upon successful completion of training, PARC will generate a training record indicating for the employee.

PROGRAM EVALUATION

The Program Administrator, Toli Mikell, will conduct periodic evaluations of the workplace to ensure that the provisions of this program are being properly implemented. The evaluations will include regular consultations with employees who use respirators, review of monitoring results, and site inspections. Deficiencies found with the program will be assessed and corrected in a timely manner by the program administrator.

Evaluation Procedures

1. The Program Administrator will evaluate the program during one or more of the following events:
 - a. Routine site audits by PARC personnel
 - b. Respiratory protection training
 - c. Site visits by outside parties such as PARC's insurance carrier, outside safety consultants
 - d. Regulatory agency compliance audits
2. The Program Administrator will utilize the following information as part of the program evaluation:
 - a. Employee feedback concerning

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- i. Respirator fit (including the ability to use the respirator without interfering with effective workplace performance)
 - ii. Appropriate respirator selection for the hazards to which the employee is exposed
 - iii. Proper respirator use under the workplace conditions the employee encounters; and
 - iv. Proper respirator maintenance.
 - b. Routine job site audit findings
 - c. Findings by outside parties (e.g. insurance carrier, independent safety consultants)
 - d. Regulatory agency findings
 - e. Current and proposed regulations
3. The Program Administrator shall identify any deficiencies in the implementation of the program and work with employees, supervisors and company leadership as necessary to identify and implement corrective and preventive actions. These actions may include, but are not limited to:
 - a. Retraining of employees
 - b. Revisions to the program
 - c. Revisions to training content and delivery

RECORDKEEPING

This program is included in PARC's Health and Safety Plan and a written copy is kept in the program administrator's office and the superintendent's office. It is available to view at any time by any employee. Training records, medical evaluations and fit test records are located in PARC's office.

REVISION HISTORY

June 2022 – Revised program to more clearly state respirators must be inspected before use.

FACS, Inc.

Section Five Contractor Employee Records

Items marked with a check mark in the ***Supplied*** column are provided in this section.

Items marked ***Not Applicable*** were not applicable on this project and are not provided.

Items marked ***Owner May Supply*** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked ***Contractor Failed to Provide*** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
5A. Overall Roster of Worker On-Site (Entire Course of Project)	X			
5B. AHERA Training Certificates Cal/OSHA Medical Surveillance Respirator Fit Tests Asbestos Certifications	X			

Section 5 – Contractor Employee Records

5A. Overall Roster of Workers On-Site (Entire Course of Project)

[illegible]

Section 5 – Contractor Employee Records

5B. AHERA Training Certificates

Cal/OSHA Medical Surveillance

Respirator Fit Tests

Asbestos Certifications

Environmental Safety Training Professionals, Ltd

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670
916 638-5550



Alberto Ramirez

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Contractor/Supervisor Refresher

Course Date: 10/26/24

Exp. Date: 10/26/25

DIVISION APPROVAL #CA-006-04

I.D. #: 9321

CERT. #: 39328

Authorized Signature



Employee: Alberto Ramirez-Diaz
Certificate Name: PHYSICAL



1320 Harbor Bay Parkway, Suite 115, Alameda, CA 94502
Ph: (800) 456-6155 Fax: (510) 748-6915

April 13, 2024

China Soto
Local 16
3801 Park Road
Benicia, CA 94510

RE: Alberto Ramirez
***-**-9321

Dear Ms. Soto:

The above named employee has completed an examination through the Asbestos Workers Local 16 Employee Maintenance Medical Program. The date and location of the examination are indicated below.

LOCATION: Concentra
DATE OF EXAM: 04/05/2024

On the basis of the medical history, physical examination, and lung function studies this employee has no restrictions for the use of a respirator or other personal protective equipment. This employee has no restrictions for work as an insulator or asbestos abatement worker. This worker has been informed of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

This clearance is limited to assignments with contractors in the Western States Contractors Association (WICA). The trust office is required to keep copies of this clearance and provide them to contractors if necessary. This examination completes all medical monitoring requirements for asbestos exposed workers as mandated by the State of California, Title 8 California Code of Regulations 5208 and 1529 (asbestos) and 5144 (respiratory protective equipment) and federal asbestos regulation, Title 29 Code of Federal Regulations 1926.1101 (asbestos) and 1910.134 (respiratory protective equipment). All examination results are stored in this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter P. Greaney MD".

Peter P. Greaney, M.D.
WorkCare, Inc.
Medical Consultant



Respirator Fit Test Form	
Employee being tested:	Alberto Ramirez
Social Security number:	9321
Employee signature:	Alberto Ramirez
Type of test	<input checked="" type="checkbox"/> Qualitative <input type="checkbox"/> Quantitative
Type of Respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PAPR (in negative pressure mode) <input type="checkbox"/> Full face positive pressure supplied air (in negative pressure mode) other (list) _____
Brand of respirator:	<input type="checkbox"/> North <input type="checkbox"/> Survivair <input checked="" type="checkbox"/> 3M other 7503
Model Number / Size:	<input type="checkbox"/> Small <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

I understand why respiratory protection is needed and where and when it should be used

I know how to use this respirator properly and how to clean and inspect it.

I understand the limitations and restrictions of the respirators that I will be using.

I understand that a good face seal cannot be achieved with obstructions such as facial hair or glasses.

I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understand the above _____

Tested by: <u>Bryan Johnson</u>	Date tested: <u>12/17/24</u> Time: <u>645</u>
Signed: <u>[Signature]</u>	Location: <u>on Job site</u>



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Alberto Ramirez-Diaz

CERTIFICATE TYPE:

Lead Worker

NUMBER:

LRC-00001921

EXPIRATION DATE:

10/4/2025

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

Certificate of Completion

This Certifies That

Alberto Ramirez-Diaz

HAS COMPLETED THE REQUIREMENTS OF

8 CCR 1532.1 & 29 CFR 1926.62

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE: **LEAD OSHA**

NOTES

IS VALID FROM: 01/10/2025

& EXPIRES ON: 01/10/2026

Topics covered include: Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.



CERTIFIED BY

A handwritten signature in black ink, appearing to read "RE", is written over a horizontal line.

Rafaela Esquivel

Asbestos 32hr Worker Course (Sp) Angel C Sandoval



CERT #: AWISP0617240001N42410

Training Date: 06/17/2024

Exam Date: 06/21/2024

Expiration: 06/21/2025

DOSH #: CA-015-11

Michael W. Horner, Training Director



Successfully completed 32 hours of the education requirements for Asbestos accreditation under TSCA Title II



NATEC INTERNATIONAL
INCORPORATED

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com

Written Medical Opinion (Single or Multi-exposure)

To be maintained in patient's medical chart with copy sent to employer and patient.

Patient Name: Sandoval, Angel C. Date of Birth: 09/09/1999 Employee ID/Alternative ID: _____

Employer Name: Labor Trust Fund Nor Cal

NOTES:

This document does not replace mandated state forms where applicable. Employer form(s) should not be substituted for this Written Medical Opinion (WMO) that is determined to be OSHA and/or EPA compliant for listed exposures. If requested or preferred by employer, exposure-specific WMO forms are available to print on MyConcentra and may be used as alternative options.

☒ 29 CFR 1926 Construction ☐ 29 CFR 1910 General & Maritime ☐ Other: _____

Check applicable exposure(s) for Written Medical Opinion: (check all that apply)

This form does not replace Silica or Beryllium Written Medical Opinions or reports that print from Concentra OccuSource at registration for those exposures.

- | | | | | |
|--|---|--|---|--|
| <input checked="" type="checkbox"/> Asbestos | <input type="checkbox"/> Pesticides | <input type="checkbox"/> Cadmium | <input type="checkbox"/> Lead | <input type="checkbox"/> Hazwoper/Hazmat |
| <input type="checkbox"/> Acrylonitrile | <input type="checkbox"/> Benzene | <input type="checkbox"/> Manganese | <input type="checkbox"/> Zinc Oxide | <input type="checkbox"/> Inorganic Mercury |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Diesel Exhaust | <input type="checkbox"/> Ethylene Oxide | <input type="checkbox"/> Formaldehyde | <input type="checkbox"/> Methylene Chloride |
| <input type="checkbox"/> Polychlorinated biphenyls | <input type="checkbox"/> 1,3- Butadiene | <input type="checkbox"/> Hexavalent Chromium | <input type="checkbox"/> Xylene/Toluene | <input type="checkbox"/> Metal Working Fluid |
| <input type="checkbox"/> Other (specify): _____ | | | | |

The following were performed: (check all that apply)

- ☒ Medical examination, including a review of the patient's medical and work histories with special emphasis on physical symptoms related to the above marked exposure(s).
- ☒ Completion and review of the relevant OSHA questionnaire(s), such as asbestos, benzene, cadmium, formaldehyde, methylene chloride, cotton dust, and 1,3-butadiene, vinyl chloride, or animal allergy.
- ☒ Pulmonary function test, including forced vital capacity (FVC) and forced expiratory volume at one second (FEV1) in accordance with NIOSH and ATS standards. Monitor for 10-15% decline in FEV1.
- ☒ 1-view PA chest X-ray. (B-reader using ILO standards required for asbestos)

Periodic chest X-ray schedules:

- Arsenic - annually
- Cadmium - baseline and clinician's discretion
- Asbestos - see chart at right

Asbestos Chest X-ray Schedule			
Years since first exposure	Age 15-35	Age 36-45	Age 45+
0 to 10	Every 5 years	Every 5 years	Every 5 years
10+	Every 5 years	Every 2 years	Every 1 year

- ☒ All medical examinations and procedures were performed by or under the supervision of a licensed physician.
- ☒ The employee has been informed of the results of the medical examination and/or biologic monitoring, as well as of any medical conditions which require further examination or treatment.
- ☒ The employee has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure, if indicated.

The content of the medical examination was determined by the physician or licensed health care provider (PLHCP) based on the following information provided by the employer (check only items available or provided):

- ☐ Description of employee's duties
- ☐ Information from previous medical examinations dated _____ that were not performed at Concentra
- ☒ Description of personal protective equipment used or to be used
- ☐ Employee's exposure levels or anticipated levels

Patient Name: Sandoval, Angel C. Date of Birth: 09/09/1999 Employee ID/Alternative ID: _____ Service Date: 05/24/2024

WRITTEN MEDICAL OPINION (SINGLE OR MULTI-EXPOSURE)

Biologic Monitoring:

Blood Lead Level/ZPPⁱ

_____/_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Urine Mercury Testingⁱⁱ

Benzene CBC Testingⁱⁱⁱ

Other _____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Cadmium^{iv}

_____/_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Acetylcholinesterase (RBC and plasma)^v

_____/_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Other Labs:

This medical monitoring evaluation indicates (check all that apply):

- ☒ There are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to the marked exposures.
- ☐ There is/are detected medical condition(s) which would place the employee at an increased risk of material health impairment from exposure to the above marked exposures.
- ☒ There are no limitations upon the employee's use of personal protective clothing or equipment, including respirators. (For methylene chloride, this includes the use of a supplied-air respirator in the negative-pressure mode or a gas mask with an organic-vapor canister for emergency escape.)
- ☐ The following restrictions or limitations are indicated: (no PHI) _____
- ☐ Re-evaluate per OSHA regulations or as indicated on _____

Clinician's Name: Kenneth Manzano, FNP-BC, NP-C
Lic 95018083 Clinician's Signature: 

Date: MAY 24 2024

Physician Signature Cosign (if needed): _____

Date: _____

ⁱ ACOEM/Concentra: BLL > 10 no exposure if pregnant; BLL > 20 x 2 or 30 x one - remove from exposure. BLL 15 x 2 to return. See Concentra's Lead Exposure Clinical Guidance

ⁱⁱ Every 6 months if <PEL, every 3 months if > PEL; test weekly if total mercury level > 0.200 mg of mercury/liter of urine, or 0.02 mg of elemental mercury/liter of urine. If not decreasing in 2-4 weeks, advise specialist consult

ⁱⁱⁱ Required repeat at 2 weeks if H/H and Platelet count 20% of prior testing or abnormal, WBC 4,000 mm3 or abn diff

^{iv} Beta 2 microglobulin, cadmium blood and random urine with creatinine. See Concentra's Cadmium ESPS for bio monitoring frequency

^v Baseline prior to handling pesticides (2 separate draws). Follow-up testing within 3 days for pesticide use >6 days in any 30-day period beginning on the first day of handling, for total of three consecutive qualifying periods. Follow-up testing at 60-day intervals after three qualifying periods, unless otherwise specified. Baseline values every 2 years. CAL-OSHA. EPA.

Quantitative Fit Test

PARC Environmental - Fresno	Fit Test Result Report	Test Date: 12-06-24	1:10:16 pm
-----------------------------	------------------------	---------------------	------------

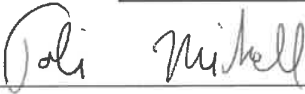
Angel Sandoval

Department:

Mask: Honeywell APR 54001 Medium-Large Full Face
Challenge Pressure: 0.58 Protocol: REDON (APR)
Last NIST Calibration: 04-10-24 Respiratory Rate: 53.80
Minimum Passing Fit Factor: 500 Last Daily Calibration: 12-06-2024
Other: Serial No: 5938
Notes:

Step Number:	Fit Factor:	Leak Rate:
1 Face Forward	1511	35
2 Bend Over	1332	40
3 Shake Head	846	63
4 Redon 1	1242	43
5 Redon 2	3516	15
Test Result:	1357	39

PASS



Toli Mikell

PARC Environmental Contractors - Safety Manual Section 1-25

RESPIRATOR FIT TEST FORM

Employee being tested:	Angel Sandoval
Social Security number:	
Employee's signature:	Angel Sandoval
Type of test:	<input type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative
Type of respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PARR (in negative pressure mode) <input type="checkbox"/> Full Face positive Pressure supplied Air (in negative pressure mode) <input type="checkbox"/> other (list) _____
Brand of respirator:	<input type="checkbox"/> North <input type="checkbox"/> Survive Air <input type="checkbox"/> Racal <input type="checkbox"/> other (list) _____
Model number:	7700-30M
Size of respirator:	<input type="checkbox"/> small <input checked="" type="checkbox"/> medium <input type="checkbox"/> large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

- I understand why respiratory protection is needed and where and when it should be used.
- I know how to use this respirator properly and how to clean and inspect it.
- I understand the limitations and restrictions of the respirators that I will be using.
- I understand that a good face seal cannot be achieved with obstruction such as facial hair or glasses.
- I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understood the above AS

Tested By: Toli Mikell	Date tested: 12 / 06 / 2024	Time: 11:43am
Signed: Toli Mikell	Location: PARC Environmental Fresno - Warehouse	

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Certificate of Completion

This Certifies That

Angel Sandoval

HAS COMPLETED THE REQUIREMENTS OF

8 CCR 1532.1 & 29 CFR 1926.62

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE:

LEAD OSHA

IS VALID FROM: 12/06/2024

& EXPIRES ON: 12/06/2025



NOTES

Topics covered include: Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.

CERTIFIED BY

A handwritten signature in black ink, appearing to read "Rafaela", is written over a horizontal line.

Rafaela Esquivel

Asbestos Contractor/Supervisor Refresher Course

Efrain Castellanos



CERT #: ASR0914240006N43639

Training Date: 09/14/2024

Exam Date: 09/14/2024

Expiration: 09/14/2025

DOSH #: CA-015-04

Michael W. Horner, Training Director



Successfully completed 8 hours of the education requirements for Asbestos accreditation under TSCA Title II



NATEC INTERNATIONAL
INCORPORATED

1100 Technology Circle, Suite A, Anaheim, CA 92805 | 8390 Capwell Drive, Oakland, CA 94621

800-969-3228 | www.NATECIntl.com



Concentra Occupational Med Ctrs-CA
2765 North 1st Street #105 FRESNO, CA 937202956
Phone: (559) 431-8181 Fax: (559) 431-1291

MEDOPREV -1

Service Date: 05/17/2024

Written Medical Opinion (Single or Multi-exposure)

To be maintained in patient's medical chart with copy sent to employer and patient.

Patient Name: Castellanos, EFRAIN C. Date of Birth: 02/24/1964 Employee ID/Alternative ID: _____

Employer Name: Labor Trust Fund Nor Cal

NOTES:

This document does not replace mandated state forms where applicable. Employer form(s) should not be substituted for this Written Medical Opinion (WMO) that is determined to be OSHA and/or EPA compliant for listed exposures. If requested or preferred by employer, exposure-specific WMO forms are available to print on MyConcentra and may be used as alternative options.

☐ 29 CFR 1926 Construction ☐ 29 CFR 1910 General & Maritime ☐ Other: _____

Check applicable exposure(s) for Written Medical Opinion: (check all that apply)

This form does not replace Silica or Beryllium Written Medical Opinions or reports that print from Concentra OccuSource at registration for those exposures.

- | | | | | |
|--|---|--|---|--|
| <input checked="" type="checkbox"/> Asbestos | <input type="checkbox"/> Pesticides | <input type="checkbox"/> Cadmium | <input type="checkbox"/> Lead | <input type="checkbox"/> Hazwoper/Hazmat |
| <input type="checkbox"/> Acrylonitrile | <input type="checkbox"/> Benzene | <input type="checkbox"/> Manganese | <input type="checkbox"/> Zinc Oxide | <input type="checkbox"/> Inorganic Mercury |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Diesel Exhaust | <input type="checkbox"/> Ethylene Oxide | <input type="checkbox"/> Formaldehyde | <input type="checkbox"/> Methylene Chloride |
| <input type="checkbox"/> Polychlorinated biphenyls | <input type="checkbox"/> 1,3- Butadiene | <input type="checkbox"/> Hexavalent Chromium | <input type="checkbox"/> Xylene/Toluene | <input type="checkbox"/> Metal Working Fluid |
| <input type="checkbox"/> Other (specify): _____ | | | | |

The following were performed: (check all that apply)

- ☒ Medical examination, including a review of the patient's medical and work histories with special emphasis on physical symptoms related to the above marked exposure(s).
- ☒ Completion and review of the relevant OSHA questionnaire(s), such as asbestos, benzene, cadmium, formaldehyde, methylene chloride, cotton dust, and 1,3-butadiene, vinyl chloride, or animal allergy.
- ☒ Pulmonary function test, including forced vital capacity (FVC) and forced expiratory volume at one second (FEV1) in accordance with NIOSH and ATS standards. Monitor for 10-15% decline in FEV1.
- ☒ 1-view PA chest X-ray. (B-reader using ILO standards required for asbestos)

Periodic chest X-ray schedules:

- Arsenic - annually
- Cadmium - baseline and clinician's discretion
- Asbestos - see chart at right

Asbestos Chest X-ray Schedule

Years since first exposure	Age 15-35	Age 36-45	Age 45+
0 to 10	Every 5 years	Every 5 years	Every 5 years
10+	Every 5 years	Every 2 years	Every 1 year

- ☒ All medical examinations and procedures were performed by or under the supervision of a licensed physician.
- ☐ The employee has been informed of the results of the medical examination and/or biologic monitoring, as well as of any medical conditions which require further examination or treatment.
- ☐ The employee has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure, if indicated.

The content of the medical examination was determined by the physician or licensed health care provider (PLHCP) based on the following information provided by the employer (check only items available or provided):

- ☐ Description of employee's duties
- ☐ Information from previous medical examinations dated _____ that were not performed at Concentra
- ☐ Description of personal protective equipment used or to be used
- ☐ Employee's exposure levels or anticipated levels

MEDOPREV -1

Patient Name: Castellanos, EFRA Date of Birth: 02/24/1964 Employee ID/Alternative ID: _____ Service Date: 05/17/2024

WRITTEN MEDICAL OPINION (SINGLE OR MULTI-EXPOSURE)

Biologic Monitoring:

Blood Lead Level/ZPPⁱ

_____/_____/_____

- ☐ Was performed and results are normal
- ☐ Was not performed
- ☐ Results indicate: _____
- ☐ Re-evaluation date: _____

Urine Mercury Testingⁱⁱ

Benzene CBC Testingⁱⁱⁱ

Other _____

- ☐ Was performed and results are normal
- ☐ Was not performed
- ☐ Results indicate: _____
- ☐ Re-evaluation date: _____

Cadmium^{iv}

_____/_____/_____

- ☐ Was performed and results are normal
- ☐ Was not performed
- ☐ Results indicate: _____
- ☐ Re-evaluation date: _____

Acetylcholinesterase (RBC and plasma)^v

_____/_____

- ☐ Was performed and results are normal
- ☐ Was not performed
- ☐ Results indicate: _____
- ☐ Re-evaluation date: _____

Other Labs:

This medical monitoring evaluation indicates (check all that apply):

- ☒ There are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to the marked exposures.
- ☐ There is/are detected medical condition(s) which would place the employee at an increased risk of material health impairment from exposure to the above marked exposures.
- ☒ There are no limitations upon the employee's use of personal protective clothing or equipment, including respirators. (For methylene chloride, this includes the use of a supplied-air respirator in the negative-pressure mode or a gas mask with an organic-vapor canister for emergency escape.)
- ☐ The following restrictions or limitations are indicated: (no PHI) _____
- ☐ Re-evaluate per OSHA regulations or as indicated on _____

Clinician's Name: Dr. [Signature] Clinician's Signature: Dr. [Signature] Date: 5-17-24

Physician Signature Cosign (if needed): _____ Date: _____

ⁱ ACOEM/Concentra: BLL > 10 no exposure if pregnant; BLL > 20 x 2 or 30 x one - remove from exposure. BLL 15 x 2 to return. See Concentra's Lead Exposure Clinical Guidance

ⁱⁱ Every 6 months if <PEL, every 3 months if > PEL; test weekly if total mercury level > 0.200 mg of mercury/liter of urine, or 0.02 mg of elemental mercury/liter of urine. If not decreasing in 2-4 weeks, advise specialist consult


ⁱⁱⁱ Required repeat at 2 weeks if H/H and Platelet count 20% of prior testing or abnormal, WBC 4,000 mm³ or abn diff

^{iv} Beta 2 microglobulin, cadmium blood and random urine with creatinine. See Concentra's Cadmium ESPS for bio monitoring frequency

^v Baseline prior to handling pesticides (2 separate draws). Follow-up testing within 3 days for pesticide use >6 days in any 30-day period beginning on the first day of handling, for total of three consecutive qualifying periods. Follow-up testing at 60-day intervals after three qualifying periods, unless otherwise specified. Baseline values every 2 years. CAL-OSHA. EPA.

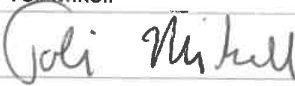
PARC Environmental Contractors - Safety Manual Section 1-25

RESPIRATOR FIT TEST FORM

Employee being tested:	Efrain Castellanos
Social Security number:	
Employee's signature:	
Type of test:	<input type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative
Type of respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PARR (in negative pressure mode) <input type="checkbox"/> Full Face positive Pressure supplied Air (in negative pressure mode) <input type="checkbox"/> other (list) _____
Brand of respirator:	<input checked="" type="checkbox"/> North <input type="checkbox"/> Survive Air <input type="checkbox"/> Racal <input type="checkbox"/> other (list) _____
Model number:	7700-30L
Size of respirator:	<input type="checkbox"/> small <input type="checkbox"/> medium <input checked="" type="checkbox"/> large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

- I understand why respiratory protection is needed and where and when it should be used.
- I know how to use this respirator properly and how to clean and inspect it.
- I understand the limitations and restrictions of the respirators that I will be using.
- I understand that a good face seal cannot be achieved with obstruction such as facial hair or glasses.
- I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understood the above 

Tested By: Toli Mikell	Date tested: 12 / 06 / 2024	Time: 11:30 AM
Signed: 	Location: PARC Environmental Fresno - Warehouse	

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STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Worker	LRC-00006464	10/30/2025

Efrain Castellanos

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

Certificate of Completion

This Certifies That

Efrain Castellanos

HAS COMPLETED THE REQUIREMENTS OF

8 CCR 1532.1 & 29 CFR 1926.62

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE:

LEAD OSHA

IS VALID FROM: 12/06/2024

& EXPIRES ON: 12/06/2025



NOTES

Topics covered include: Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.

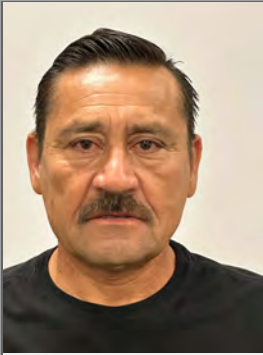
CERTIFIED BY

A handwritten signature in black ink, appearing to read "RE", is written over a horizontal line.

Rafaela Esquivel

Environmental Safety Training Professionals, Ltd

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670
916 638-5550



Francisco Rivera

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Contractor/Supervisor Refresher

Course Date: 10/26/24

Exp. Date: 10/26/25

DIVISION APPROVAL #CA-006-04

I.D. #: 4139

CERT. #: 39320

Authorized Signature



Employee: Francisco Rivera
Certificate Name: PHYSICAL



1320 Harbor Bay Parkway, Suite 115, Alameda, CA 94502
Ph: (800) 456-6155 Fax: (510) 748-6915

June 13, 2024

China Soto
Local 16
3801 Park Road
Benicia, CA 94510

RE: Francisco Rivera
***-**-4139

Dear Ms. Soto:

The above named employee has completed an examination through the Asbestos Workers Local 16 Employee Maintenance Medical Program. The date and location of the examination are indicated below.

LOCATION: Concentra - Fresno
DATE OF EXAM: 05/30/2024

On the basis of the medical history, physical examination, and lung function studies this employee has no restrictions for the use of a respirator or other personal protective equipment. This employee has no restrictions for work as an insulator or asbestos abatement worker. This worker has been informed of the results of the medical examination and of any medical conditions that may result from asbestos exposure.

This clearance is limited to assignments with contractors in the Western States Contractors Association (WICA). The trust office is required to keep copies of this clearance and provide them to contractors if necessary. This examination completes all medical monitoring requirements for asbestos exposed workers as mandated by the State of California, Title 8 California Code of Regulations 5208 and 1529 (asbestos) and 5144 (respiratory protective equipment) and federal asbestos regulation, Title 29 Code of Federal Regulations 1926.1101 (asbestos) and 1910.134 (respiratory protective equipment). All examination results are stored in this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Peter P. Greaney M.D.", written in a cursive style.

Peter P. Greaney, M.D.
WorkCare, Inc.
Medical Consultant

Quantitative Fit Test

PARC Environmental - Fresno Fit Test Result Report Test Date: 12-06-24 1:15:30 pm

Francisco Rivera

Department:

Mask: Honeywell APR 54001 Medium-Large Full Face
Challenge Pressure: 0.58 Protocol: REDON (APR)
Last NIST Calibration: 04-10-24 Respiratory Rate: 53.80
Minimum Passing Fit Factor: 500 Last Daily Calibration: 12-06-2024
Other: Serial No: 5938

Notes:

Step Number:	Fit Factor:	Leak Rate:
1 Face Forward	1435	37
2 Bend Over	2000	26
3 Shake Head	642	83
4 Redon 1	522	103
5 Redon 2	1055	51
Test Result:	890	60

PASS

Toli Mikell

Toli Mikell

PARC Environmental Contractors - Safety Manual Section 1-25

RESPIRATOR FIT TEST FORM

Employee being tested:	Francisco Rivera
Social Security number:	4139
Employee's signature:	Francisco River
Type of test:	<input type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative
Type of respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PARR (in negative pressure mode) <input type="checkbox"/> Full Face positive Pressure supplied Air (in negative pressure mode) <input type="checkbox"/> other (list) _____
Brand of respirator:	<input checked="" type="checkbox"/> North <input type="checkbox"/> Survive Air <input type="checkbox"/> Racal <input type="checkbox"/> other (list) _____
Model number:	7700-30M
Size of respirator:	<input type="checkbox"/> small <input checked="" type="checkbox"/> medium <input type="checkbox"/> large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

- I understand why respiratory protection is needed and where and when it should be used.
- I know how to use this respirator properly and how to clean and inspect it.
- I understand the limitations and restrictions of the respirators that I will be using.
- I understand that a good face seal cannot be achieved with obstruction such as facial hair or glasses.
- I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understood the above FR.

Tested By: <u>Rodolfo Nunez</u>	Date tested: <u>12/02/24</u>	Time: <u>11:10 AM</u>
Signed: <u>[Signature]</u>	Location: <u>Third Street & Second Ave. Marina City</u>	

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Certificate of Completion

This Certifies That

Francisco Rivera

HAS COMPLETED THE REQUIREMENTS OF

8 CCR 1532.1 & 29 CFR 1926.62

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE: **LEAD OSHA**

NOTES

IS VALID FROM: 12/06/2024

& EXPIRES ON: 12/06/2025

Topics covered include: Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.



CERTIFIED BY

A handwritten signature in black ink, appearing to read "Rafaela", is written over a horizontal line.

Rafaela Esquivel

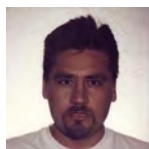


STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Francisco Rivera

CERTIFICATE TYPE:

Lead Worker

NUMBER:

LRC-00004760

EXPIRATION DATE:

12/24/2025

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

Environmental Safety Training Professionals, Ltd

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670
916 638-5550



Edgar J. Rodriguez

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Worker Refresher - Spanish

Course Date: 04/12/24

Exp. Date: 04/12/25

DIVISION APPROVAL #CA-006-12

I.D. #: 5512

CERT. #: 38066

Authorized Signature





Concentra Occupational Med Ctrs-CA
1675 Alhambra Blvd Ste B Sacramento, CA 95816
Phone: (916) 451-4580 Fax: (916) 451-3119

MEDOPREV -1

Service Date: 04/18/2024

Written Medical Opinion (Single or Multi-exposure)

To be maintained in patient's medical chart with copy sent to employer and patient.

Patient Name: Rodriguez, Edgar J. Date of Birth: 08/05/2000 Employee ID/Alternative ID: _____

Employer Name: Labor Trust Fund Nor Cal

NOTES:

This document does not replace mandated state forms where applicable. Employer form(s) should not be substituted for this Written Medical Opinion (WMO) that is determined to be OSHA and/or EPA compliant for listed exposures. If requested or preferred by employer, exposure-specific WMO forms are available to print on MyConcentra and may be used as alternative options.

☒ 29 CFR 1926 Construction ☐ 29 CFR 1910 General & Maritime ☐ Other: _____

Check applicable exposure(s) for Written Medical Opinion: (check all that apply)

This form does not replace Silica or Beryllium Written Medical Opinions or reports that print from Concentra OccuSource at registration for those exposures.

- | | | | | |
|--|---|--|---|--|
| <input checked="" type="checkbox"/> Asbestos | <input type="checkbox"/> Pesticides | <input type="checkbox"/> Cadmium | <input type="checkbox"/> Lead | <input type="checkbox"/> Hazwoper/Hazmat |
| <input type="checkbox"/> Acrylonitrile | <input type="checkbox"/> Benzene | <input type="checkbox"/> Manganese | <input type="checkbox"/> Zinc Oxide | <input type="checkbox"/> Inorganic Mercury |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Diesel Exhaust | <input type="checkbox"/> Ethylene Oxide | <input type="checkbox"/> Formaldehyde | <input type="checkbox"/> Methylene Chloride |
| <input type="checkbox"/> Polychlorinated biphenyls | <input type="checkbox"/> 1,3- Butadiene | <input type="checkbox"/> Hexavalent Chromium | <input type="checkbox"/> Xylene/Toluene | <input type="checkbox"/> Metal Working Fluid |
| <input type="checkbox"/> Other (specify): _____ | | | | |

The following were performed: (check all that apply)

- ☒ Medical examination, including a review of the patient's medical and work histories with special emphasis on physical symptoms related to the above marked exposure(s).
- ☒ Completion and review of the relevant OSHA questionnaire(s), such as asbestos, benzene, cadmium, formaldehyde, methylene chloride, cotton dust, and 1,3 -butadiene, vinyl chloride, or animal allergy.
- ☒ Pulmonary function test, including forced vital capacity (FVC) and forced expiratory volume at one second (FEV1) in accordance with NIOSH and ATS standards. Monitor for 10-15% decline in FEV1.
- ☒ 1-view PA chest X-ray. (B-reader using ILO standards required for asbestos)

Periodic chest X-ray schedules:

- Arsenic - annually
- Cadmium - baseline and clinician's discretion
- Asbestos - see chart at right

Asbestos Chest X-ray Schedule			
Years since first exposure	Age 15-35	Age 36-45	Age 45+
0 to 10	Every 5 years	Every 5 years	Every 5 years
10+	Every 5 years	Every 2 years	Every 1 year

- ☒ All medical examinations and procedures were performed by or under the supervision of a licensed physician.
- ☒ The employee has been informed of the results of the medical examination and/or biologic monitoring, as well as of any medical conditions which require further examination or treatment.
- ☒ The employee has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure, if indicated.

The content of the medical examination was determined by the physician or licensed health care provider (PLHCP) based on the following information provided by the employer (check only items available or provided):

- ☐ Description of employee's duties
- ☐ Information from previous medical examinations dated _____ that were not performed at Concentra
- ☐ Description of personal protective equipment used or to be used
- ☐ Employee's exposure levels or anticipated levels

MEDOPREV -1

Patient Name: Rodriguez, Edgar J Date of Birth: 08/05/2000 Employee ID/Alternative ID: _____ Service Date: 04/18/2024

WRITTEN MEDICAL OPINION (SINGLE OR MULTI-EXPOSURE)

Biologic Monitoring:

Blood Lead Level/ZPPⁱ

_____/_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Urine Mercury Testingⁱⁱ

Benzene CBC Testingⁱⁱⁱ

Other _____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Cadmium^{iv}

_____/_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Acetylcholinesterase (RBC and plasma)^v

_____/_____

- ☐ Was performed and results are normal
☒ Was not performed
☐ Results indicate: _____
☐ Re-evaluation date: _____

Other Labs:

This medical monitoring evaluation indicates (check all that apply):

- ☒ There are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to the marked exposures.
- ☐ There is/are detected medical condition(s) which would place the employee at an increased risk of material health impairment from exposure to the above marked exposures.
- ☒ There are no limitations upon the employee's use of personal protective clothing or equipment, including respirators. (For methylene chloride, this includes the use of a supplied-air respirator in the negative-pressure mode or a gas mask with an organic-vapor canister for emergency escape.)
- ☐ The following restrictions or limitations are indicated: (no PHI) _____
- ☐ Re-evaluate per OSHA regulations or as indicated on _____

Clinician's Name: Van-Minh Nguyen, PA-C

LIC 56720

Physician Signature: NPI 1619206489

Clinician's Signature: _____

Date: _____

Date: _____

ⁱ ACOEM/Concentra: BLL > 10 no exposure if pregnant: BLL > 20 x 2 or 30 x one - remove from exposure. BLL 15 x 2 to return. See Concentra's Lead Exposure Clinical Guidance

ⁱⁱ Every 6 months if <PEL, every 3 months if > PEL; test weekly if total mercury level > 0.200 mg of mercury/liter of urine, or 0.02 mg of elemental mercury/liter of urine. If not decreasing in 2-4 weeks, advise specialist consult

ⁱⁱⁱ Required repeat at 2 weeks if H/H and Platelet count 20% of prior testing or abnormal, WBC 4,000 mm³ or abn diff

^{iv} Beta 2 microglobulin, cadmium blood and random urine with creatinine. See Concentra's Cadmium ESPS for bio monitoring frequency

^v Baseline prior to handling pesticides (2 separate draws). Follow-up testing within 3 days for pesticide use >6 days in any 30-day period beginning on the first day of handling, for total of three consecutive qualifying periods. Follow-up testing at 60-day intervals after three qualifying periods, unless otherwise specified. Baseline values every 2 years. CAL-OSHA. EPA.

PARC Environmental Contractors - Safety Manual Section 1-25

RESPIRATOR FIT TEST FORM

Employee being tested:	Edgar Rodriguez
Social Security number:	
Employee's signature:	Edgar R
Type of test:	<input type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative
Type of respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PARR (in negative pressure mode) <input type="checkbox"/> Full Face positive Pressure supplied Air (in negative pressure mode) <input type="checkbox"/> other (list) _____
Brand of respirator:	<input checked="" type="checkbox"/> North <input type="checkbox"/> Survive Air <input type="checkbox"/> Racal <input type="checkbox"/> other (list) _____
Model number:	7700
Size of respirator:	<input type="checkbox"/> small <input checked="" type="checkbox"/> medium <input type="checkbox"/> large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

- I understand why respiratory protection is needed and where and when it should be used.
- I know how to use this respirator properly and how to clean and inspect it.
- I understand the limitations and restrictions of the respirators that I will be using.
- I understand that a good face seal cannot be achieved with obstruction such as facial hair or glasses.
- I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understood the above E.R.

Tested By:	Tali Mikell	Date tested:	1/10/25	Time:	2:44 pm
Signed:	Tali Mikell	Location:	PARC Environmental Fresno - Warehouse		

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Certificate of Completion

This Certifies That

Edgar Rodriguez

HAS COMPLETED THE REQUIREMENTS OF

8 CCR 1532.1 & 29 CFR 1926.62

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE: **LEAD OSHA**

NOTES

IS VALID FROM: 01/10/2025
& EXPIRES ON: 01/10/2026

Topics covered include: Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.



CERTIFIED BY

A handwritten signature in black ink, appearing to read "RE", is written over a horizontal line.

Rafaela Esquivel

Environmental Safety Training Professionals, Ltd

3140 Gold Camp Drive #130
Rancho Cordova, CA 95670
916 638-5550



Luis E. Rodriguez

Has successfully completed 8 Hours
Section 206 of TSCA Title II (AHERA)

Asbestos Worker Refresher - Spanish

Course Date: 04/12/24

Exp. Date: 04/12/25

DIVISION APPROVAL #CA-006-12

I.D. #: 5680

CERT. #: 38065

Authorized Signature



Concentra

Concentra Occupational Med Ctrs-CA
1675 Alhambra Blvd Ste B Sacramento, CA 95816
Phone: (916) 451-4580 Fax: (916) 451-3119

MEDOPREV -1

Service Date: 04/18/2024

Written Medical Opinion (Single or Multi-exposure)

To be maintained in patient's medical chart with copy sent to employer and patient.

Patient Name: Espinoza, Luis E. Date of Birth: 07/10/2000 Employee ID/Alternative ID: _____
Employer Name: Labor Trust Fund Nor Cal

NOTES:

This document does not replace mandated state forms where applicable. Employer form(s) should not be substituted for this Written Medical Opinion (WMO) that is determined to be OSHA and/or EPA compliant for listed exposures. If requested or preferred by employer, exposure-specific WMO forms are available to print on MyConcentra and may be used as alternative options.

☒ 29 CFR 1926 Construction ☐ 29 CFR 1910 General & Maritime ☐ Other: _____

Check applicable exposure(s) for Written Medical Opinion: (check all that apply)

This form does not replace Silica or Beryllium Written Medical Opinions or reports that print from Concentra OccuSource at registration for those exposures.

☒ Asbestos ☐ Pesticides ☐ Cadmium ☐ Lead ☐ Hazwoper/Hazmat
☐ Acrylonitrile ☐ Benzene ☐ Manganese ☐ Zinc Oxide ☐ Inorganic Mercury
☐ Arsenic ☐ Diesel Exhaust ☐ Ethylene Oxide ☐ Formaldehyde ☐ Methylene Chloride
☐ Polychlorinated biphenyls ☐ 1,3- Butadiene ☐ Hexavalent Chromium ☐ Xylene/Toluene ☐ Metal Working Fluid
☐ Other (specify): _____

The following were performed: (check all that apply)

- ☒ Medical examination, including a review of the patient's medical and work histories with special emphasis on physical symptoms related to the above marked exposure(s).
- ☒ Completion and review of the relevant OSHA questionnaire(s), such as asbestos, benzene, cadmium, formaldehyde, methylene chloride, cotton dust, and 1,3 -butadiene, vinyl chloride, or animal allergy.
- ☒ Pulmonary function test, including forced vital capacity (FVC) and forced expiratory volume at one second (FEV1) in accordance with NIOSH and ATS standards. Monitor for 10-15% decline in FEV1.
- ☒ 1-view PA chest X-ray. (B-reader using ILO standards required for asbestos)

Periodic chest X-ray schedules:

- Arsenic - annually
- Cadmium - baseline and clinician's discretion
- Asbestos - see chart at right

Asbestos Chest X-ray Schedule			
Years since first exposure	Age 15-35	Age 36-45	Age 45+
0 to 10	Every 5 years	Every 5 years	Every 5 years
10+	Every 5 years	Every 2 years	Every 1 year

- ☒ All medical examinations and procedures were performed by or under the supervision of a licensed physician.
- ☒ The employee has been informed of the results of the medical examination and/or biologic monitoring, as well as of any medical conditions which require further examination or treatment.
- ☒ The employee has been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure, if indicated.

The content of the medical examination was determined by the physician or licensed health care provider (PLHCP) based on the following information provided by the employer (check only items available or provided):

- ☐ Description of employee's duties
- ☐ Information from previous medical examinations dated _____ that were not performed at Concentra
- ☐ Description of personal protective equipment used or to be used
- ☐ Employee's exposure levels or anticipated levels

MEDOPREV -1

Patient Name: Rodriguez, Luis E. Date of Birth: 07/10/2000 Employee ID/Alternative ID: _____ Service Date: 04/18/2024

WRITTEN MEDICAL OPINION (SINGLE OR MULTI-EXPOSURE)

Biologic Monitoring:

Blood Lead Level/ZPPⁱ

☐ Was performed and results are normal

☐ Was not performed

☐ Results indicate: _____

☐ Re-evaluation date: _____

Urine Mercury Testingⁱⁱ

Benzene CBC Testingⁱⁱⁱ

Other _____

☐ Was performed and results are normal

☐ Was not performed

☐ Results indicate: _____

☐ Re-evaluation date: _____

Cadmium^{iv}

☐ Was performed and results are normal

☐ Was not performed

☐ Results indicate: _____

☐ Re-evaluation date: _____

Acetylcholinesterase (RBC and plasma)^v

☐ Was performed and results are normal

☐ Was not performed

☐ Results indicate: _____

☐ Re-evaluation date: _____

Other Labs:

This medical monitoring evaluation indicates (check all that apply):

☒ There are no detected medical conditions that would place the employee at an increased risk of material health impairment from exposure to the marked exposures.

☐ There is/are detected medical condition(s) which would place the employee at an increased risk of material health impairment from exposure to the above marked exposures.

☒ There are no limitations upon the employee's use of personal protective clothing or equipment, including respirators. (For methylene chloride, this includes the use of a supplied-air respirator in the negative-pressure mode or a gas mask with an organic-vapor canister for emergency escape.)

☐ The following restrictions or limitations are indicated: (no PHI) _____

☐ Re-evaluate per OSHA regulations or as indicated on _____

Clinician's Name: Dionisio Cruz, NP

Clinician's Signature: _____

Date: 4/18/24

Physician Signature: LIC NP95020613

Date: _____

ⁱ ACOEM/Concentra: BLL > 10 no exposure if pregnant; BLL > 20 x 2 or 30 x one - remove from exposure. BLL 15 x 2 to return. See Concentra's Lead Exposure Clinical Guidance

ⁱⁱ Every 6 months if < PEL, every 3 months if > PEL; test weekly if total mercury level > 0.200 mg of mercury/liter of urine, or 0.02 mg of elemental mercury/liter of urine. If not decreasing in 2-4 weeks, advise specialist consult

ⁱⁱⁱ Required repeat at 2 weeks if H/H and Platelet count 20% of prior testing or abnormal, WBC 4,000 mm³ or abn diff

^{iv} Beta 2 microglobulin, cadmium blood and random urine with creatinine. See Concentra's Cadmium ESPS for bio monitoring frequency

^v Baseline prior to handling pesticides (2 separate draws). Follow-up testing within 3 days for pesticide use > 6 days in any 30-day period beginning on the first day of handling, for total of three consecutive qualifying periods. Follow-up testing at 60-day intervals after three qualifying periods, unless otherwise specified. Baseline values every 2 years. CAL-OSHA. EPA.

Quantitative Fit Test



PARC Environmental - Fres Fit Test Result Report Test Date: 01-10-2025 2:19:22 pm

Luis Rodriguez

Department:

Mask: **Honeywell 5400 Series Full Facepiece
Medium-Large Full Face**

Challenge Pressure:	0.58	Protocol:	REDON (APR)
Last NIST Calibration:	04-10-2024	Respiratory Rate:	53.80
Minimum Passing Fit Factor:	500	Last Daily Calibration:	01-10-2025
Other:		Serial No:	5938

Notes:

Step Number:	Fit Factor:	Leak Rate:
1 Face Forward	1142	47
2 Bend Over	2550	21
3 Shake Head	1435	37
4 Redon 1	1055	51
5 Redon 2	1511	35
Test Result:	1399	38

PASS

Rafaela Esquivel

PARC Environmental Contractors - Safety Manual Section 1-25

RESPIRATOR FIT TEST FORM

Employee being tested:	Luis Rodriguez
Social Security number:	
Employee's signature:	Luis R
Type of test:	<input type="checkbox"/> Quantitative <input checked="" type="checkbox"/> Qualitative
Type of respirator:	<input checked="" type="checkbox"/> 1/2 face negative pressure <input type="checkbox"/> Full face negative pressure <input type="checkbox"/> Full face PARR (in negative pressure mode) <input type="checkbox"/> Full Face positive Pressure supplied Air (in negative pressure mode) <input type="checkbox"/> other (list) _____
Brand of respirator:	<input checked="" type="checkbox"/> North <input type="checkbox"/> Survive Air <input type="checkbox"/> Racal <input type="checkbox"/> other (list) _____
Model number:	7700
Size of respirator:	<input type="checkbox"/> small <input checked="" type="checkbox"/> medium <input type="checkbox"/> large <input type="checkbox"/> NA (1 size only)
Result of test:	<input checked="" type="checkbox"/> pass <input type="checkbox"/> fail

- I understand why respiratory protection is needed and where and when it should be used.
- I know how to use this respirator properly and how to clean and inspect it.
- I understand the limitations and restrictions of the respirators that I will be using.
- I understand that a good face seal cannot be achieved with obstruction such as facial hair or glasses.
- I understand that contact lenses when worn with a full face PAPR can damage your eyes.

Employee to initial that they have read and understood the above LR.

Tested By:	John Mickel	Date tested:	1/10/25	Time:	2:41pm
Signed:	John Mickel	Location:	PARC Environmental Fresno - Warehouse		

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Certificate of Completion

This Certifies That

Luis Rodriguez

HAS COMPLETED THE REQUIREMENTS OF

Lead OSHA Awareness - Spanish

AND IS AWARDED THIS CERTIFICATE

CERTIFICATE:

LEAD OSHA

IS VALID FROM: 2024-10-18

& EXPIRES ON: 2025-10-18

NOTES

Topics covered include: 8 CCR 1532.1 & 29 CFR 1926.62. Lead Basics, Cal/OSHA Standards, Trigger Tasks, Respirators, Medical Surveillance, Engineering Controls and Work Practices, Compliance Plan, Chelation and Access to Records.



CERTIFIED BY

A handwritten signature in black ink, appearing to read "RE", is written over a horizontal line.

Rafaela Esquivel

FACS, Inc.

Section Six Contractor Project Submittals

Items marked with a check mark in the **Supplied** column are provided in this section.

Items marked **Not Applicable** were not applicable on this project and are not provided.

Items marked **Owner May Supply** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked **Contractor Failed to Provide** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
6A. Containment Entry/Exit Log				X
6B. Contractor's Daily Log				X
6C. Daily Worker Roster				X
6D. Air Pressure Differential Manometer Graph/Readings		X		
6E. Personal Air Sampling Results				X
6F. Safety Meeting Documentation				X
6G. Proof of Challenge (DOP-equivalent) Testing		X		
6H. Regulatory Agency Inspection/Enforcement Documents		X		
6I. Accident Report Forms		X		
6J. Other Contractor Documents		X		

FACS, Inc.

Section Seven Waste Management Records

Items marked with a check mark in the ***Supplied*** column are provided in this section.

Items marked ***Not Applicable*** were not applicable on this project and are not provided.

Items marked ***Owner May Supply*** are documents that the owner may possess and wish to insert, but which are not supplied by FACS, Inc. (In general, FACS, Inc. never possessed these items on this project).

Items marked ***Contractor Failed to Provide*** are documents that the environmental contractor did not provide after repeated requests from FACS, Inc.

Type of Document	Supplied	Not Applicable	Owner May Supply	Contractor Failed to Provide
7A. Hazardous Waste Manifest Forms, Land Ban & Certification for Each Load	X			
7B. Non-Hazardous Waste Forms		X		
7C. Waste Hauler Documentation				X
7D. Waste Site Documentation				X

Section 7 – Waste Management Records

**7A. Hazardous Waste Manifest
Forms, Land Ban &
Certification for Each Load**

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC003324408	2. Page 1 of 1	3. Emergency Response Phone (800) 955-7761	4. Manifest Tracking Number 019899708		FLE	
5. Generator's Name and Mailing Address San Joaquin County Office of Education 2922 Transworld Dr - Stockton, CA 95206			Generator's Site Address (if different than mailing address) San Joaquin County Office of Education 201 N California St Stockton, CA 95202					
Generator's Phone: (209) 468-9073 Tim Sutton								
6. Transporter 1 Company Name PARC Environmental			U.S. EPA ID Number CAR000263707					
7. Transporter 2 Company Name			U.S. EPA ID Number					
8. Designated Facility Name and Site Address La Paz County Regional Landfill 26999 Hwy 95, Milepost 128, Parker, AZ 85344			U.S. EPA ID Number AZR000520882					
Facility's Phone: (928) 855-9441								
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
			No.	Type				
	1.	RQ, NA2212, Asbestos, 9, PGIII (ERG#171)	0154	BA	016	Y	151	
	2.							
	3.							
	4.							
14. Special Handling Instructions and Additional Information 1. PROFILE # 5124230322								
Caution: Wear proper OSHA approved Personal Protective Equipment (PPE) When handling the materials on this manifest. PARC Job#: 1010225002								
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.								
Generator's/Offor's Printed/Typed Name Tim Sutton			Signature <i>[Signature]</i>			Month Day Year 12 13 25		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
	Transporter signature (for exports only): _____							
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials							
	Transporter 1 Printed/Typed Name Tim Sutton			Signature <i>[Signature]</i>			Month Day Year 12 13 25	
	Transporter 2 Printed/Typed Name			Signature			Month Day Year	
DESIGNATED FACILITY	18. Discrepancy							
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
	Manifest Reference Number: _____							
	18b. Alternate Facility (or Generator)						U.S. EPA ID Number	
	Facility's Phone: _____							
	18c. Signature of Alternate Facility (or Generator)						Month Day Year	
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
	1.	2.	3.	4.				
	20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
	Printed/Typed Name			Signature			Month Day Year	