LIMITED ASBESTOS AND LEAD SURVEY
Indian Valley Campus (IVC)
Building 21 – Pool / Locker Room Roof

PREPARED FOR:
Mr. Matthew Smyth
College of Marin
835 College Avenue
Kentfield, CA 94904-2551

PREPARED BY:
American Compliance Services, LLC
554 Morning Glory Drive
Benicia, California 94510

DATE PREPARED:
March 19, 2014
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<td></td>
</tr>
</tbody>
</table>

## APPENDICES

- Sample Location Maps
- Laboratory Results
- Lead Hazard Evaluation Report
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SECTION I
EXECUTIVE SUMMARY

On March 14, 2014, American Compliance Services, LLC (ACS) conducted a limited asbestos and lead survey of Building 21, for the Pool/Locker Room Roof Replacement Project at the Indian Valley Campus (IVC), in Marin, California. David Kummer, a Certified Site Surveillance Technician (CSST) and CDPH Lead Sampling Technician, conducted the survey.

SECTION II
SCOPE OF WORK

The purpose of this survey was to identify the materials that could contain asbestos and/or lead-based paint prior to disturbing the building material during this Pool/Locker Room Roof Replacement Project. ACS sampled the material impacted by the project as indicated by the project manager. **Should the final construction plans change and require penetration into materials not included in this report, additional sampling and analysis will be required at this site.**

SECTION III
DEFINITIONS

Material (ACM) if at least one sample collected from the homogeneous area shows asbestos present in an amount greater than one percent (>1%). California Code of Regulations (CCR) 1529 defines Asbestos Containing Construction Material (ACCM) as materials containing greater than one-tenth of one-percent (0.1) asbestos by weight. Under 1529 CCR, materials containing between 0.1 % and 1 % asbestos are still regulated as “other” operations by this standard. The ACCM designation is applicable only to reporting (user registration, temporary worksite notification, and incident reporting).

The removal or disturbance of 100 square feet or more of ACM or ACCM must be performed by a contractor certified by the California Contractor's State License Board to conduct asbestos-related work and/or an employer/contractor registered with the California Division of Occupational Safety and Health (DOSH) to perform asbestos-related work.

NESHAP CATEGORIES

RACM (Friable Materials) - NESHAP defines a friable ACM as any material containing more than one percent asbestos, that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.

Category I Non-friable (CAT I NF) NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except sheet flooring products which are considered friable), and asphalt roofing products which contain more than one percent asbestos.

Category II Non-friable (CAT II NF) NESHAP defines a Category II non-friable ACM as any material, except for a Category I non-friable ACM, which contains more than one percent asbestos and cannot be reduced to a powder by hand pressure when dry.

OSHA Definitions

1. **Surfacing Materials** (spray or trowel applied to building members)

2. **Thermal System Insulation** (materials generally applied to various mechanical systems)
3. **Miscellaneous Materials** (any materials which do not fit either of the above categories)

"**Class I** asbestos work" means activities involving the removal of TSI and surfacing ACM and PACM.

"**Class II** asbestos work" means activities involving the removal of ACM which is not thermal system insulation or surfacing material. This includes, but is not limited to, the removal of asbestos-containing wallboard, floor tile and sheeting, roofing and siding shingles, and construction mastics.

"**Class III** asbestos work" means repair and maintenance operations, where "ACM", including TSI and surfacing ACM and PACM, is likely to be disturbed.

**EPA / CDPH Lead Definitions**

The CDPH, Title 17, California Code of Regulations, Division 1, Chapter 8, Accreditation, Certification, and Work Practices for Lead-Based Paint and Lead Hazards, defines lead based paint as any coating containing lead at or above 1.0 Milligram/Centimeter Squared (mg/cm²) and/or 5,000 parts per million (ppm) of lead or 0.5 % lead by weight or greater. A 24-hour notification is required to OSHA before disturbing lead-based paint.

Disturbing lead-based paint without containment is considered a lead hazard by the EPA and CDPH, and impact to these painted surfaces must be done in accordance with the established regulations and procedures.

Lead contaminated dust means dust levels on interior floors in excess of 40 micrograms per square foot (40 µg/sq. ft.), 250 µg/sq. Ft. for interior horizontal surfaces, and 400 µg/sq. Ft. for exterior horizontal surfaces.

Lead-contaminated soil means bare soil that contains an amount of lead equal to, or in excess of, 400 parts per million (ppm) in children's play areas and 1,000 ppm in all other areas.

**SECTION IV
ASBESTOS INSPECTION RESULTS & FINDINGS**

Two asbestos samples were collected from the roofing material. Sampling locations were chosen to be representative of the homogeneous material. Inspection and sampling procedures were performed in general accordance with the guidelines published by the Environmental Protection Agency (EPA) in 40 CFR Part 763 Subpart E, October 30, 1987. The tables below reflect the sampling results for this building.

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Material Description</th>
<th>Sample Location / Homogeneous Area</th>
<th>NESHAPS / OSHA Categories</th>
<th>% Asbestos</th>
<th>Estimated Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>B21-1</td>
<td>Roof Felt Under Wood Shake</td>
<td>Roof</td>
<td>RACM / Class II</td>
<td>75% CH</td>
<td>10,000 SF</td>
</tr>
<tr>
<td>B21-2</td>
<td>Calking on Sheet Metal Roof Penetration</td>
<td>Around Roof Penetrations</td>
<td>CAT I NF / Class II</td>
<td>10% CH</td>
<td>10 SF</td>
</tr>
</tbody>
</table>

NA: Asbestos classification and estimated quantities are not applicable for non-asbestos containing material. ND: Non-Detect; SF: Square Feet; CH: Chrysotile asbestos type.
SECTION V
LEAD INSPECTION RESULTS & FINDINGS

Two (2) lead samples were collected for lead analysis from painted metal roofing attachments. The paint tested is determined not to be lead-based paint. The laboratory results are presented in the table below.

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Description and Location</th>
<th>Results</th>
<th>EPA/CDPH LBP Limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>821-P1</td>
<td>Tan/Brown Paint on Metal Gutter</td>
<td>110</td>
<td>5,000 ppm</td>
</tr>
<tr>
<td>821-P2</td>
<td>Brown Paint on Steel Roof Jacks</td>
<td>110</td>
<td>5,000 ppm</td>
</tr>
</tbody>
</table>

ppm: parts per million; EPA: Environmental Protection Agency; CDPH: CA Department of Public Health; LBP: Lead-Based Paint

The Cal/OSHA Lead in Construction Standard 1532.1 regulations takes effect when employees disturb lead coatings or materials that contain any detectable levels of lead. California OSHA regulations assume exposures above the Permissible Exposure Level (PEL) where lead coatings or paint with lead at any level is present when "trigger" tasks are performed until an exposure assessment is conducted. The contractor must comply with this regulation when disturbing lead containing paint or materials.

SECTION VI
METHODS

ASBESTOS AND LIMITED LEAD INSPECTION

The survey consisted of three major activities: visual inspection and physical assessment, sampling, and quantification of building materials. Following the walkthrough, the inspector collected samples of accessible materials identified as suspect asbestos-containing building materials (ACM). EPA guidelines were used to determine the sampling protocol.

The lead inspection was limited to building material that will be disturbed during building upgrades. The lead samples taken were approximately 2" x 2" inches representing all potential layers. Testing locations were recorded on the floor plan, as provided in the appendix of this report.

ANALYTICAL METHODS

Micro Analytical Laboratory in Emeryville, California performed the Asbestos analysis using Polarized Light Microscopy (PLM) with dispersion staining as described by the method of the determination of asbestos in bulk insulation, EPA/600/R-93/116, July 1993. This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displayed enables mineral identification. It should be noted that some ACM might not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard polarized light microscopy method. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials.

Lead analysis was performed by Micro Analytical Laboratory, Incorporated, a NLLAP-accredited laboratory using the approved method for determination of lead in paint-chip samples. The lead analysis was performed using a Flame Atomic Absorption Spectrophotometer (FLAA) (Method 7420). The FLAA was calibrated using a known lead standard. After the FLAA calibration procedure was completed, the lead-chip samples were analyzed by the FLAA.
A chain-of-custody form submitted with the bulk samples, documented the possession of the samples from the time they were collected until they were analyzed. The original chain-of-custody accompanied the samples at all times. Custody documentation began at the time the sample was collected and a copy of the chain-of-custody record was retained by each transferor.

SECTION VII
LIMITATION AND EXCLUSIONS

American Compliance Services warrants that the findings contained herein have been prepared with the level of care and skill exercised by experienced and knowledgeable environmental consultants who are appropriately licensed or otherwise trained to perform asbestos / lead assessments pursuant to OSHA, as well as state and local agencies, as applicable. Our responsibility is limited to correcting any error or omission. No other liability is included or implied. We did not inspect or sample inaccessible areas such as behind walls or within ductwork and did not dismantle any part of the structure to survey inaccessible areas. Inaccessible is defined as areas of the building that could not be tested (sampled) without destruction of the structure or a portion of the structure.

Information and opinions presented herein apply to the existing and reasonable foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and has not had the opportunity to review. Changes in applicable standards may occur because of new legislation or from the broadening of knowledge. Accordingly, findings of this report may be invalidated wholly, or in part, by changes beyond our control.

American Compliance Services, LLC, trusts that the information presented herein provides the data you require. Should you have any questions or comments, please contact Wendy Plank. This report, and all available supporting documents and drawings used to prepare the report, have been reviewed by the undersigned, the Manager responsible for this Project. The signatory affirms that the Asbestos Investigation documented herein was conducted in substantial conformance with applicable procedures documented in 40 CFR Part 763 – Asbestos, Subpart E – Asbestos Containing Materials in Schools [AHERA, June 24, 1992], and the EPA Guidance Manual “Asbestos Containing Materials in Buildings” (EPA 560/5-85-030a, October, 1985). The investigation by American Compliance Services, LLC, consisted solely of the activities described in this report and is subject to the Exceptions of Assessment, Limitations, and Service Constraints described herein.

SECTION VIII
TECHNICAL STAFF SIGNATURES

CERTIFICATE OF REPORT

The following personnel were responsible for this asbestos survey. We (I) certify that information contained herein was collected on the dates recorded and the site described in this report.

Wendy J. Plank, CAC 01-2904
CDPH Lead Certification # 777

David Kummer CSST # 08-4363
CDPH Lead Certification # 20699
LABORATORY RESULTS
**Micro Analytical Laboratories, Inc.**

**Bulk Asbestos Analysis - Polarized Light Microscopy (PLM)**

1048
Wendy Plank
American Compliance Services
554 Morning Glory Drive
Benicia, CA 94510

**Project:**
**Indian Valley Campus Pool Building 21**

<table>
<thead>
<tr>
<th>Client #</th>
<th>Micro #</th>
<th>Analyst</th>
<th>Asbestos Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>191669-01</td>
<td>GN</td>
<td>ROOF FELT UNDER WOOD SHACK</td>
</tr>
<tr>
<td></td>
<td>191669-02</td>
<td>GR</td>
<td>CAULKING ON SHEET METAL ROOF PENETRATION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>10% CELLULOSE</td>
</tr>
</tbody>
</table>

- Matrix: TAR
- Type: 

- Matrix: SYNTHETIC MATERIAL
- Type: 

**Technical Supervisor:**

Gamini Rapatunga, Ph.D.

3/14/2014

Date Reported

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NVLAP Lab Code 101872-0. CA ELAP Certification #1037. Analyses use Polarized Light Microscopy (PLM). Micro Analytical SOP PLM-101 (Rev. Jan. 2014). Basic techniques follow the EPA Interim Method for Bulk Insulation Samples (1992), and EPA-600/4-93-116 (1993). The 1993 method covers all types of bulk materials and is based on the 1982 Method, with improved analytical techniques for layered samples as required for NEISHAP compliance. Asbestos is quantified by calibrated visual estimation. Detection limit is material dependent. Detection of asbestos traces (much less than 1%) may not be reliable or reproducible by PLM. Weight % cannot be determined by PLM. Asbestos with diameter below ~1 μm may not be detected by PLM. Absence of asbestos in dust, debris, and some compact materials, including floor tiles, cannot be conclusively established by PLM. And should be confirmed by Transmission Electron Microscopy (TEM). Tremolite-asbestos or actinolite-asbestos may be indistinguishable by PLM from some similar, non-regulated amphiboles (e.g., the "Libby Amphiboles" tremolite and actinolite), and should be confirmed by TEM. The lower quantification limit (reporting limit) of PLM estimation is 1%. The Cal/OSHA definition of asbestos-containing construction material is 0.1% asbestos; however, reliable determination of asbestos percent at this level cannot be done by PLM estimation. PLM Point Counting or TEM weight percent analysis are recommended. Only dominant non-asbestos materials are indicated. Interferences may prevent detection of small asbestos fibers, and hinder determination of some optical properties. Sample homogeneity is indicated by listing more than one distinct layer or material on the report. Layers are analyzed separately when feasible; if asbestos is detected, percentages are reported for individual layers. Interlayer contamination is possible among any layers in a sample. The notation "ND" or "NDNE DETECTED" indicates a result of "NO ASBESTOS DETECTED" in a homogeneous sample, or in all layers of a heterogeneous sample. Composite asbestos percentages from multiple layers are applicable only to wallpaper/paint compound systems; compositional is based on customers' descriptions of material as "paint compound". Customers are solely responsible for identification and description of bulk materials listed on field forms. Laboratory descriptions may differ from those given by customers. Quality Control (QC): all results have been determined to be within acceptance limits prior to reporting. Samples that were reanalyzed are denoted by two sets of analyst initials. Unless otherwise stated herein, all samples were received in acceptable condition for analysis. This report must not be used to claim product endorsement by NIST or any U.S. Government agency. This report shall not be reproduced except in full without the approval of Micro Analytical Laboratories, Inc., and contains only to the samples analyzed.
**Micro ID #**

<table>
<thead>
<tr>
<th>Micro ID #</th>
<th>Client Sample ID</th>
<th>Description</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
<th>Average</th>
<th>Total</th>
<th>Filter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>B21 -1</td>
<td>Roof felt under wood shake</td>
<td>3/4</td>
<td>:</td>
<td>:</td>
<td>:</td>
<td>:</td>
</tr>
<tr>
<td>2</td>
<td>B21 -2</td>
<td>Caulking on sheet metal roof-pen.</td>
<td>/</td>
<td>:</td>
<td>:</td>
<td>:</td>
<td>:</td>
</tr>
</tbody>
</table>

**Instructions / Comments:**

Sample Return: YES  NO  If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Signature / Name: [Signature]

Note to Lab: If test samples are not acceptable, record reasons for rejection.

Received By: [Signature]  Date / Time: 3/14/14  16:42

Received By: [Signature]  Date / Time:
## Lead in Paint - Flame AAS (SW846)

**PROJECT:**
- INDIAN VALLEY CAMPUS
- POOL
- BUILDING 21

### Lead Concentration

<table>
<thead>
<tr>
<th>Sample ID</th>
<th>Weight Percent</th>
<th>mg/kg (ppm)</th>
<th>RDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Client: B21-P1</td>
<td>0.011 %</td>
<td>110</td>
<td>0.00877 %</td>
</tr>
<tr>
<td>Lab: 191670-01</td>
<td></td>
<td></td>
<td>88 mg/kg</td>
</tr>
<tr>
<td>TAN / BROWN PAINT ON METAL GUTTER</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Client: B21-P2 | 0.011 % | 110 | 0.00813 % |
| Lab: 191670-02 | | | 81 mg/kg |
| BROWN PAINT ON METAL ROOF JACKS | | | |

---

**Micro Log in:** 191670
**Total Samples:** 2
**Date Sampled:** 03/14/2014
**Date Received:** 03/14/2014
**Date Analyzed:** 03/17/2014

---

**Technical Supervisor:** D. Chappell, Chemistry Supervisor
**Date Reported:** 3/17/2014
**Analyst:** PK

AIHA ELLAP Accredited Laboratory. ID #101768. SOP M4. Samples are analyzed by Flame Atomic Absorption Spectrometry (AAS). U.S. EPA SW-846 Method 7000B is used for the instrumental analysis. Nitric acid and hydrogen peroxide digestion procedures are based on ASTM F-1645. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. 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 must not be reproduced without the approval of Micro Analytical Laboratories, Inc., and pertains only to the samples analyzed. Unit explanations: mg = milligrams; kg = kilograms; ppm = parts per million. N/A = Not Applicable. RDL = Report Detection Limit.
### Sample Information

**Client ID #**
1043

**Name / Client / Address:**
Wendy Plank
American Compliance Services
554 Morning Glory Drive
Benicia, CA 94510

**Tel.** (707) 745-1137
**Fax** (707) 745-4462
**E-mail** wendyplank@theglobal.net

#### Project
**Indian Valley Campus, Pool**

**Job No.** B06G 21

<table>
<thead>
<tr>
<th>Matrix Type</th>
<th>Bulk</th>
<th>Dust</th>
<th>Paint</th>
<th>Soil</th>
<th>Wipe</th>
<th>Air</th>
<th>Water</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Micro ID #</strong></td>
<td>1</td>
<td>B21-P1</td>
<td>Tan/Brown Paint Metal Filler</td>
<td>3/14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Client Sample ID#</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Description</strong></td>
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<td></td>
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<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time Sampled</th>
<th>Start</th>
<th>Stop</th>
<th>Total Minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Average L/min</th>
<th>Total L/min</th>
<th>Filter Pore Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Micro ID #
(For Lab Use Only)

---

**Notes:**

- **Sample Return:** YES
  - If "YES" is checked, samples will be returned to the client or archived at Micro Analytical, if required.
  - If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab vials, test tubes, and digestates).

**Sampler’s Signature / Name:**

---

**Relinquished By**

- **Date / Time:**
- **Received By:**

---

**Relinquished By**

- **Date / Time:**
- **Received By:**

---

**Instructions / Comments:**
# LEAD HAZARD EVALUATION REPORT

## Section 1 — Date of Lead Hazard Evaluation

---

## 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

<table>
<thead>
<tr>
<th>Address [number, street, apartment (if applicable)]</th>
<th>City</th>
<th>County</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Construction date (year) of structure</th>
<th>Type of structure</th>
<th>Children living in structure?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Multi-unit building</td>
<td>Yes  No  Don't Know</td>
</tr>
<tr>
<td></td>
<td>School or daycare</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Single family dwelling</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Telephone number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address [number, street, apartment (if applicable)]</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

## 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

### Wendy Plank

<table>
<thead>
<tr>
<th>Name</th>
<th>Telephone number</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address [number, street, apartment (if applicable)]</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CDPH certification number</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>777</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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) 520-5556
CODES AND REGULATIONS

Federal, State, and Local regulations that govern asbestos and lead abatement work or transportation and disposal of asbestos and lead containing waste materials include but are not limited to the following:

CALIFORNIA ASSEMBLY BILLS (CAB)
- CAB 040 Yearly Registration of Contractors

CALIFORNIA CODE OF REGULATIONS (CCR)
- Title 8 CCR 5208 General Industry - Asbestos
- Title 17 Division 1, Accreditation, Certification, and Work Practices in Lead-Related Construction
- CCR CARS Carcinogen and Asbestos Registration Sections 340-344.53, 341.6 Amended, and 341.9 Amended Through 341.14
- CCR CSO Construction Safety Orders, Chapter 4, Subchapter 4
- CCR ESO Electrical Safety Orders, Chapter 4, Subchapter 5
- CCR 1529 Asbestos Construction Standard
- CCR 1532.1 Lead in Construction
- CCR 3203 Accident Prevention Program
- CCR 3204 Access to Employee Exposure and Medical Records
- CCR 3220 Emergency Action Plan
- CCR 3221 Fire Prevention Plan
- CCR 5144 Respiratory Protection Equipment Standard
- CCR 5194 Hazard Communication Standard
- CCR 5209 Carcinogen Regulation
- CCR 6003 Accident Prevention Signs

CALIFORNIA HEALTH SERVICES (CHS) TITLES 22 AND 23, CALIFORNIA ADMINISTRATIVE CODE DISPOSAL REQUIREMENTS
- CHS 25123 Section 25123
- CHS 25124 Section 25124
- CHS 25143 Section 25143
- CHS 25163 Section 25163
- CHS 66508 Section 66508
- CHS 66510 Section 66510
- CHS DIV 4 Division 4, Commencing with Section 66000, "Disposal"

CALIFORNIA HEALTH AND SAFETY CODE (CHSC)
- CHSC 20 Division 20, Commencing with Section 24200

CALIFORNIA LABOR CODE (CLC)
- CLC DIVISION 5 Part 1, commencing with 6300

CALIFORNIA PROPOSITIONS (CP)
- CP 65 Proposition 65

CALIFORNIA STATE BOARD OF EQUALIZATION (CSBE)
- CSBE ETU Excise Tax Unit

CALIFORNIA STATE LICENSE BOARD (CSLB)
- CSLB CBPC California Business and Professional Code Sections
7058.5 and 7058.7, "Certification"

CODE OF FEDERAL REGULATIONS (CFR)
29 CFR 1910.134  Respiratory Protection
29 CFR 1910.141  Sanitation
29 CFR 1910.145  Accident Prevention Signs and Tags
29 CFR 1926.21  Safety Training and Education
29 CFR 1926.55  Gases, Vapors, Fumes, Dusts, and Mists
29 CFR 1926.62  Lead Exposure in Construction
29 CFR 1926.65  Hazardous Waste Operations and Emergency Response
29 CFR 1926.103  Respiratory Protection
29 CFR 1926.59  Hazard Communication
29 CFR 1910.1000 Air Contaminants
29 CFR 1926.1101 Asbestos
40 CFR 61-SUBPART M National Emission Standard for Asbestos
49 CFR 172 Hazardous Materials Tables and Hazardous Materials Communications Regulations
40 CFR 260 Hazardous Waste Management Systems: General
40 CFR 261 Identification and Listing of Hazardous Waste
40 CFR 262 Generators of Hazardous Waste
40 CFR 263 Transporters of Hazardous Waste
40 CFR 264 Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 265 Interim Status Standard for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities
40 CFR 268 Land Disposal Restrictions
40 CFR 745 Lead; Requirements for Lead-Based Paint Activities
40 CFR 763 Asbestos Containing Material in Schools
49 CFR 178 Shipping Container Specifications

STATE AND LOCAL REGULATIONS
Regulation 11, Rule 2 Bay Area Air Quality Management District

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)
Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing

UNDERWRITERS LABORATORIES INC. (UL)
1990 High-Efficiency Particulate Air
CONSULTANTS CERTIFICATIONS
State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

David E Kummer

Certification No. 08-4363
Expires on 06/19/14

This certification was issued by the Division of Occupational Safety and Health as authorized by Section 7108.5 et seq. of the California Health and Safety Code.

MAINTENANCE OF CERTIFICATION
The possessor of this certification shall maintain the certification by:
1. complying with all applicable laws pertaining to asbestos-related work;
2. keeping all required AHERA certificates in a current and valid state;
3. showing this certification card upon request during the course of asbestos-related work;
4. informing the Division within 15 days of any change in home or mailing address; and
5. performing asbestos consulting work only under the supervision of a certified asbestos consultant.

A certification which has not been maintained as described above may not be renewed by the Division of Occupational Safety and Health.
M&C Environmental Training

Asbestos Inspector
Initial Training Course

Karina Palacios

has successfully completed the Asbestos Inspector Initial course approved by the Califor Occupational Safety and Health for purposes of certification required by Title 8, Article 7, Section 341.16 and the accreditation required under the Toxic Substances Control Act, Title I M&C Environmental Training, Inc., 1619 Beverly Place, Berkeley, California 94707. Tel. #(510) 644-7777.

Course Approval Number: CA-003-05

<table>
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<th>Location</th>
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<td>September 23 - 25, 2013</td>
</tr>
<tr>
<td>Director of Training</td>
<td>John McGinnis</td>
</tr>
</tbody>
</table>

Examination: September 25, 2013
Expiration: September 25, 2014

Certificate Number 346641
This is to certify that

Karina A. Palacios

has successfully completed an EPA approved A.H.E.R.A. course for

Asbestos Contractor Supervisor Initial

as required under TSCA Title II

12/9/2013 - 12/13/2013  
Class Date(s)

12/13/2013  
Exam Date

CA-001-03  
Cal/OSHA Number

1302  
Certificate #

12/13/2

Expiration

David Esparza - President

2040 Peabody Road  Vacaville, CA  95687  Phone (800) 359-4467  Fax (707) 44
State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Wendy J Plank

Certification No. 01-2904
Expiration: 04/04/15

The certification is issued by the Division of Occupational Safety and Health to certify a person qualified to conduct asbestos inspection or removal work. The certification is renewable biannually. The holder must comply with all applicable laws and regulations.

MAY 12, 2004

Wendy J Plank

Certified Asbestos Consultant

Certification No. 01-2904
Expiration: 04/04/15

The certification is renewed biannually. The holder must comply with all applicable laws and regulations.
Conditions of Certification

This individual meets the requirements of the State of California, Department of Public Health (CDPH), to perform lead-related construction. CDPH may suspend or revoke certification for:
1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Public Health as authorized by 17 CCR 35001 et seq., and is non-transferable.

To verify authenticity call (800) 597-LEAD or 510-520-5800

03155715
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