Rule 1403/ 40CFR 61
Presentations

Instructor-Lead
Michal Haynes

Instructors
Derrick Diego
Alisha Lewis
SCAQMD
OFFICE OF COMPLIANCE AND ENFORCEMENT

- Ensures compliance with SCAQMD permit conditions, local air quality rules and regulations, and state and federal air quality mandates at permitted facilities.
- Respond to air quality complaints from the public.
- Over 60,000 permits held by about 28,400 facilities

- Refineries
- Power Plants
- Aerospace
- Service stations
- Dry cleaners
- Auto body shops
- Manufacturing plants
Asbestos R1403/ 40CFR 61 Program

Demolitions & Renovations
RULE 1403 – ASBESTOS EMISSIONS FROM DEMOLITION AND RENOVATION ACTIVITIES

a) Purpose
b) Applicability
c) Definitions
d) Requirements  
   1) Demolition and Renovation Activities
      A. Survey
      B. Notification
      C. Asbestos Removal Schedule
      D. Removal Procedures
      E. Handling Operations
      F. Freezing Temperatures
      G. On Site Representative
      H. On Site Proof
      I. On Site Storage
      J. Disposal
      K. Container Labeling
      L. Transportation Vehicle Marking
      M. Waste Shipment Records
      N. Recordkeeping

e) Warning Labels, Signs and Markings
f) Waste Shipment Records
g) Recordkeeping
h) Sampling Protocols and Test Methods
i) Training Requirements
j) Disposal
k) Compliance/Enforcement
SCAQMD ASBESTOS COMPLIANCE EFFORTS

• Widespread noncompliance with asbestos regulations
• Sharp increase in violations in 2018 and 2019
• Widespread lack of understanding of SCAQMD’s Asbestos requirements
  • **Several serious incidents at schools**
  • **Several incidents at Construction sites**
  • **Several incidents at Occupied Apartments**
For Immediate Release
Aug. 3, 2018

SCAQMD Enforces Asbestos Regulations at Apartment Building, Middle School and Commercial Complex

LOCAL NEWS

Contractors accused of disturbing asbestos at Mira Costa High School in Manhattan Beach

Inspectors check out asbestos-filled 'popcorn' ceilings at Mission Hills Senior Home
Purpose of R1403/ 40 CFR61 is to specify work practice requirements to limit asbestos emissions from building demolition and renovation activities, including the removal and associated disturbance of asbestos-containing materials (ACM).

Asbestos Containing Material
**Applicable** to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos containing material (ACM), any asbestos storage facility, or any active waste disposal site.

Asbestos Containing Product

Transite pipe
Flue pipe
Flue Ducting
Asbestos Containing Products
SCAQMD Rule 1403

Requirements more Restrictive than 40 CFR 61 (NESHAP)

- Survey and Types (Limited/Comprehensive)
- Sampling Protocols and Test Methods- materials suspected to contain ACM, shall follow 40 CFR Part 763.86, analyses must be by Lab accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).
- Single/Multi-Unit dwellings
- Construction Sites (Renovation/Demolition)
- ACM – greater than 1%, and ACM- is Greater than 100 sq. feet, unless Procedure 5
- ACWM-ASBESTOS-CONTAINING WASTE MATERIAL is any waste that contains commercial asbestos and is generated by a Source subject to these rule’s.
- Notification- shall be submitted to the District no later than 10 working days before any demolition or renovation activities. Note: Waived with Emergency Order (Demolition) or Emergency Letter (Removal)
Purpose

• To provide the basics of asbestos survey requirements
Purpose

THIS PRESENTATION WILL NOT!!

Go over other agency’s jurisdiction (i.e. Cal/OSHA)
Outline

• What is an Asbestos Survey?
• Importance
• Requirements of an Asbestos Survey
Asbestos Survey

• Asbestos Survey Report
  South Coast AQMD recognized method to thoroughly inspect a site for asbestos containing material (conducted by a Certified Asbestos Consultant)
Asbestos Survey

- Asbestos Survey Report
- Chain of Custody
- Lab Report
LIMITED ASBESTOS SURVEY

OWNER: RANDOM OWNER

SITE ADDRESS: 1234 RANDOM ST
RANDOM TOWN, CA 91765

Certified Asbestos Consultant (CAC) John Smith (CAC #12-3456) performed a Limited Asbestos Survey on 01/26/2020 at the site address mentioned above. The purpose of the Asbestos Survey was to locate and identify suspect Asbestos Containing Materials (ACM) in the living room of a two (2) bedroom 2 bathroom single story single family residential unit that will undergo extensive renovation. At the time of inspection, the site was in good condition and all building material was intact. Suspect ACM in the living room consisted only of acoustic ceiling material, joint compound, drywall, and vinyl-flooring.

Determination of ACM was done via dust wipe sampling and bulk sampling.

Bulk Sampling Results

Samples were collected in the living room of the address referenced above. The building was visually inspected for suspect asbestos-containing materials and identified. Materials were separated into homogeneous sampling areas. Materials sampled are placed in a leak-proof container and submitted to South Coast AQMD Laboratories (21955 Copley Dr. Diamond Bar, CA 91765, 909.398.2330), a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Procedures and methodologies used to survey the facility are based on the Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) requirements. The samples were analyzed by Polarized Light Microscopy using 40 CFR 763.08, 40 CFR 783.87, EPA method (EPA/600-R-93-011v) "Method for the Determination of Asbestos in Bulk Materials".

Table 1 shows samples taken via bulk sampling in the living room.

<table>
<thead>
<tr>
<th>Material/Location</th>
<th>Sample #</th>
<th>Results (%) &amp; Type</th>
<th>Quantity (Square Feet)</th>
<th>Friable/Non-Friable</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Room Acoustic Ceiling Material</td>
<td>#1</td>
<td>8% Chrysotile</td>
<td>200 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall</td>
<td>#4 - #5</td>
<td>Non-detect</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall Joint Compound</td>
<td>#6</td>
<td>0.2% Chrysotile</td>
<td>480 square feet</td>
<td>Non-Friable</td>
<td>Good (100% in tact)</td>
</tr>
</tbody>
</table>

Table 1.

Rule 1403 defines ACM as those that contain greater than 1.0% by area as determined by PLM (40 CFR Part 763, Appendix A, Subpart F Section 1). Therefore, the drywall & drywall joint compound in Table 1 does not require asbestos abatement procedures and can be treated as regular construction debris per Rule 1403.

Dust Wipe Sampling Results

The following Table 2 shows the type of asbestos and qualitative indication of asbestos fibers present via dust wipe sampling.

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Material/Location</th>
<th>Result</th>
<th>Quantity (Square Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 7</td>
<td>Rod Vinyl Flooring in Living Room</td>
<td>Non-Detect</td>
<td>200</td>
</tr>
</tbody>
</table>

Table 2.

Dust wipe sampling results indicate that the vinyl flooring in the living room was non-detect for ACM and can therefore be removed as regular construction debris per Rule 1403.
Recommendation

Upon review of the lab results, the materials listed in Table 1 contain acoustic ceiling material with asbestos concentrations greater than 1% and are considered to be ACM. These specific materials are therefore regulated by the South Coast Air Quality Management District (SCAQMD). A licensed abatement contractor is required to handle, and properly dispose of ACMs if greater than 100 square feet of ACM is going to be removed, disturbed, or a Procedure 5 is required. A Procedure 1 Clean up plan is recommended for the removal of the intact Acoustic Ceiling Material in the living room in compliance with SCAQMD Rule 1403.

John Smith (Signature)

John Smith (CAC #12-3456)
Asbestos Trackers
21865 Copley Dr. Diamond Bar, CA 91765
info@fakeemail.com
909.396.2000

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

John Smith
Name
Certification No. 12-3456
Expires on 02/28/2022

This certification was issued by the Division of Occupational Safety and Health in accordance with Sections 7200 and 7204 of the Business and Professions Code.
Chain of Custody Lab Report

**PLM REPORT**

**Client:** Living Room Reno
**Request No.:** 18112
**Report Date:** 01/26/20
**Project No.:** 18112
**Sample Date:** 01/26/20
**Identification:** Polarized Light Microscopy/Dispersion Staining (PLM/DS)
**Test Method:** EPA/600/R-93/116

On 01/26/02, bulk materials were submitted by John Smith for PLM/DS analysis. The results are outlined below:

<table>
<thead>
<tr>
<th>Client No.</th>
<th>Sample Description</th>
<th>Fibrous Components</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Acoustic ceiling material</td>
<td>99% Cellulose</td>
<td>8% Chrysotile</td>
</tr>
<tr>
<td>#2</td>
<td>Acoustic ceiling material</td>
<td>Stop at first positive</td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td>Acoustic ceiling material</td>
<td>Stop at first positive</td>
<td></td>
</tr>
<tr>
<td>#4 - 5</td>
<td>Drywall</td>
<td>99% Cellulose</td>
<td>Non-detect</td>
</tr>
<tr>
<td>#6</td>
<td>Joint Compound</td>
<td>25% Cellulose</td>
<td>0.2% Chrysotile</td>
</tr>
</tbody>
</table>

The EPA test method for bulk analysis (EPA/600/R-93/116) states in paragraph 2.2.2, that “the detection limit for visual estimation is a function of the quantity of the sample analyzed, the nature of matrix interference, sample preparation, and fiber size and distribution.” Asbestos may be detected in concentrations of less than one percent by area if sufficient material is analyzed. Samples may contain fibers too small to be resolved by PLM(<0.25 micrometers in diameter) so detection of those fibers by this method may not be possible.

Samples are analyzed by layers, and percentages estimated visually during microscopic examination. Individual analysis sheets are provided upon request. Results may not be reproduced except in full. This test report relates only to the samples tested, and results must not be used to claim product compliance by NVLAP or any agency of the U.S. Government. Materials containing >1% asbestos are considered by the EPA to be asbestos-containing materials, and must be handled as such.

**Analyst:** Random Person
**Lab Director:** Random Person
**Approved Signatory:** Random Person
Previous **Example** Asbestos Survey

The asbestos survey example for this presentation is only an **example** that purposefully contains mistakes.
Importance of an Asbestos Survey

• Identifies Asbestos Containing Material (ACM)
• South Coast AQMD Rule 1401
• Mesothelioma
• Protect the public health
Importance of an Asbestos Survey

- Delays
- Costs
Importance of an Asbestos Survey

South Coast AQMD

$25,000 per day per violation

Individual - $250,000 per day per violation

Corporation - $1,000,000 per day per violation
Importance of an Asbestos Survey

City Attorney
Misdemeanor/Fines
Importance of an Asbestos Survey

District Attorney
Felony/Fines
South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178 1-800-CUT-SMOG www.aqmd.gov

ASBESTOS SURVEY REPORT CHECKLIST
Rev 7/15/16

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>d1A</td>
<td>Thoroughly inspected the facility for ACM and assumed ACM where the demolition/renovation will occur</td>
<td>85a</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>d1A</td>
<td>Identified all visible and nonvisible types of ACM and assumed ACM</td>
<td>85a4</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>d1A</td>
<td>Quantified all the visible and nonvisible ACM and assumed ACM</td>
<td>85a6 &amp; 8a</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>d1A</td>
<td>Submitted a CAC signed survey report with the company logos, headings, and contact information</td>
<td>85a64A</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(a)(i)</td>
<td>Documented the name, address, and phone # of the person(s) that performed the inspections</td>
<td>85a64A</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(a)(ii)</td>
<td>Documented the OSHA certificate # of the person(s) that performed the inspections</td>
<td>85a64A</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(a)(iii)</td>
<td>Documented the dates the survey was performed</td>
<td>85a64A</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(c)(iv)</td>
<td>A listing of all suspected materials containing any asbestos, a listing of all samples collected, and a sketch of where the samples were taken</td>
<td>85a64 &amp; 67</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(d)(v)</td>
<td>Documented the name, address, and phone # of the lab used for sample analysis</td>
<td>87a</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(g)(vi)</td>
<td>Documented the NVLAP approval # of the lab used for sample analysis</td>
<td>87a</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(g)(vii)</td>
<td>Documented the sampling protocols (763.66) and lab test methods used for asbestos analysis (763.67)</td>
<td>86 &amp; 87</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(g)(viii)</td>
<td>Described the facility included any structural damage (e.g., dem. partial, etc.)</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(h)(iv)</td>
<td>Provided proof of OSHA certification as a Certified Asbestos Consultant (CAC)</td>
<td>85a64A</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(h)(v)</td>
<td>Completed the asbestos ACM in accordance with the AHERA inspection protocol</td>
<td>-</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(h)(vi)</td>
<td>Assessed the ACM condition for damage type and rating in percent</td>
<td>50 &amp; 5c</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(h)(vii)</td>
<td>Analyzed samples at a NVLAP lab by PLM or SCAG/MS Method 300-91</td>
<td>87</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>(h)(viii)</td>
<td>Included a table summary of all ACM and non-ACM materials</td>
<td>85a64 &amp; 6a</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

*Please see APFR96 Part E, APFR101, and 40CFR763 for asbestos survey requirements

Comment:

Reporting Inspector Name: ____________________________ Date: ____________________________
Reviewing Supervisor Name: ____________________________ Date: ____________________________
### ASBESTOS SURVEY REPORT CHE

#### Inspection Date:

#### Notification No.:

#### Survey Purpose:

#### Contractor Name:

#### Class AIR:

#### Contact Name:

#### CMX Account No.:

#### City:

#### Survey Conducted by:

#### Date:

#### Rule 1483

<table>
<thead>
<tr>
<th>Documentation Requirement</th>
<th>40CFR763</th>
</tr>
</thead>
<tbody>
<tr>
<td>d1A Thoroughly inspected the facility for ACM and assumed ACM</td>
<td>85a</td>
</tr>
<tr>
<td>where the demolition/renovation will occur</td>
<td></td>
</tr>
<tr>
<td>d1A Specified all friable and non-friable types of ACM and</td>
<td>85a4</td>
</tr>
<tr>
<td>assumed ACM</td>
<td></td>
</tr>
<tr>
<td>d1A Quantified all friable and non-friable ACM and assumed</td>
<td>85a4A</td>
</tr>
<tr>
<td>ACM</td>
<td></td>
</tr>
<tr>
<td>- Submitted a CAC signed survey report with the company</td>
<td></td>
</tr>
<tr>
<td>logheads and contact information</td>
<td></td>
</tr>
<tr>
<td>(a) Documented the name, address and phone no. of the</td>
<td>85a4A</td>
</tr>
<tr>
<td>person(s) that performed the inspections</td>
<td></td>
</tr>
<tr>
<td>(b) Documented the OSHA certificate of the person(s) that</td>
<td></td>
</tr>
<tr>
<td>performed the inspections</td>
<td></td>
</tr>
<tr>
<td>(c) Documented the dates the survey was performed</td>
<td></td>
</tr>
<tr>
<td>(i) A listing of all suspected materials containing any</td>
<td>85a4A7</td>
</tr>
<tr>
<td>asbestos, a listing of all samples collected, and a sketch of</td>
<td></td>
</tr>
<tr>
<td>where the samples were taken</td>
<td></td>
</tr>
<tr>
<td>(i)(v) Documented the name, address and phone no. of the lab</td>
<td>87d</td>
</tr>
<tr>
<td>used for sample analysis</td>
<td></td>
</tr>
<tr>
<td>(i)(vi) Documented the NVLAP approval # of the lab used for</td>
<td>87c</td>
</tr>
<tr>
<td>sample analysis</td>
<td></td>
</tr>
<tr>
<td>(i)(vii) Documented the sampling protocols (763.86) and test</td>
<td>85 &amp; 87</td>
</tr>
<tr>
<td>methods used for asbestos analysis (763.87)</td>
<td></td>
</tr>
<tr>
<td>(ii)(v) Documented the facility included any structural</td>
<td></td>
</tr>
<tr>
<td>damage (fire, demo, partial demo, etc)</td>
<td></td>
</tr>
<tr>
<td>(iii) Provided proof of OSHA certification as a Certified</td>
<td>85a4A</td>
</tr>
<tr>
<td>Asbestos Consultant (CAC)</td>
<td></td>
</tr>
<tr>
<td>(iv) Sampled the subject ACM in accordance with the AHERA</td>
<td>85</td>
</tr>
<tr>
<td>inspection protocol</td>
<td></td>
</tr>
<tr>
<td>(v) Assessed the ACM condition for damage and scoring in</td>
<td>80b5c</td>
</tr>
<tr>
<td>percent</td>
<td></td>
</tr>
<tr>
<td>(vi) Analyzed samples at a NVLAP lab by PLM or SCAGMO Method</td>
<td>87</td>
</tr>
<tr>
<td>300-91</td>
<td></td>
</tr>
<tr>
<td>(vii) Included a table summary of findings listing all ACM</td>
<td>85a4A9</td>
</tr>
<tr>
<td>and non-ACM materials</td>
<td></td>
</tr>
</tbody>
</table>

#### Comment:

#### Reporting Inspector:

#### Date:

#### Reviewing Supervisor:

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**LIMITED ASBESTOS SURVEY**

**OWNER:** RANDOM OWNER

**SITE ADDRESS:** 1234 RANDOM ST

RANDTOWN, CA 91765

Certified Asbestos Consultant (CAC) John Smith (CAC #12-3456) performed a Limited Asbestos Survey on 01/26/2020 at the site address mentioned above. The purpose of the Asbestos Survey was to locate and identify suspect Asbestos Containing Materials (ACM) in the living room of a two (2) bedroom 2 bathroom single story single family residential unit that will undergo extensive renovation. At the time of inspection, the site was in good condition and all building material was intact. Suspect ACM in the living room consisted only of acoustic ceiling material, joint compound, drywall, and vinyl-flooring.

Determination of ACM was done via dust wipe sampling and bulk sampling.
# General Requirements of an Asbestos Survey

**South Coast AQMD**

<table>
<thead>
<tr>
<th>Rule 1403</th>
<th>Asbestos Survey Documentation Requirements*</th>
<th>40CFR763</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>Company, CAC Signature, Contact Information</td>
<td>85a4viA</td>
</tr>
<tr>
<td>(iii)(I)</td>
<td>Contact Info for Person that Conducted Survey</td>
<td>85a4viA</td>
</tr>
<tr>
<td>(iii)(III)</td>
<td>Date survey was performed</td>
<td>85a4viA</td>
</tr>
</tbody>
</table>
### General Requirements of an Asbestos Survey

| (iii)(VIII) | Described the facility included any structural damage (fire, demo, Partial reno, etc) | - |
| (iii)(V)    | Documented the name, address and phone # of the lab used for sample analysis       | 87d |

- Structure information
- Laboratory information
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Samples were collected in the living room of the address referenced above. The building was visually inspected for suspect asbestos-containing materials and identified. Materials were separated into homogeneous sampling areas. Materials sampled are placed in a leak proof container and submitted to South Coast AQMD Laboratories (21865 Copley Dr. Diamond Bar, CA 91765, 909.396.2336), a National Voluntary Laboratory Accreditation Program (NVLAP). Procedures and methodologies used to survey the facility are based on the Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA) requirements. The samples were analyzed by Polarized Light Microscopy using 40 CFR 763.86, 40 CFR 763.87, EPA method (EPA/600-R-93/116) “Method for the Determination of Asbestos in Bulk Materials”.

Lab info
General Requirements of an Asbestos Survey

- Survey is accurate and correctly takes into account all material to be renovated/demolished
- Exception: Glass, raw wood, raw metal

<table>
<thead>
<tr>
<th>d1A</th>
<th>Thoroughly inspected the facility for ACM and assumed ACM Where the demolition/renovation will occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>85a</td>
<td></td>
</tr>
</tbody>
</table>
# Project

| Building       | Single Family  
|               | Single Story  
|               | Residential Home |
| Condition      | 100% in tact  |
| Location       | Kitchen       |
| Project        | Remove Kitchen Drywall |
Type of Surveys

- Limited
- Comprehensive
- Demolition
- Pre-Demolition
- Contamination Assessment

Certified Asbestos Consultant (CAC) John Smith (CAC #12 3456) performed a Limited Asbestos Survey on 01/26/2020 at the site address mentioned above. The purpose of the Asbestos Survey was to locate and identify suspect Asbestos Containing Materials (ACM) in the living room of a two (2) bedroom 2 bathroom single story single family residential unit that will undergo extensive renovation. At the time of inspection, the site was in good condition and all building material was intact. Suspect ACM in the living room consisted only of acoustic ceiling material, joint compound, drywall, and vinyl-flooring.

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<tr>
<td>Living Room Drywall Joint Compound</td>
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<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% intact)</td>
</tr>
</tbody>
</table>
Limited Asbestos Survey
Living Room Drywall

Kitchen Drywall

Walls, ceiling, base...
### General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th></th>
<th>A listing of all suspected materials containing any asbestos, a listing of all samples collected, and a sketch of where the samples were taken</th>
<th>85a4viB</th>
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<tbody>
<tr>
<td></td>
<td>Included a table summary of findings listing all ACM and non-ACM materials</td>
<td>85a4viB</td>
</tr>
</tbody>
</table>

- List all samples ACM or non-ACM
- ACM if contains >1% asbestos
- Sketch
<table>
<thead>
<tr>
<th>Material/Location</th>
<th>Sample #</th>
<th>Results (%) &amp; Type</th>
<th>Quantity (Square Feet)</th>
<th>Friable/Non-Friable</th>
<th>Condition</th>
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<td>#1</td>
<td>8% Chrysotile</td>
<td>200 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall</td>
<td>#4 - #5</td>
<td>Non-detect</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall Joint Compound</td>
<td>#6</td>
<td>0.2% Chrysotile</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
</tbody>
</table>

**Sketch**

- Sample 1
- Sample 2
- Sample 3
- Sample 4
- Sample 5
- Sample 6
- Sample 7

North
General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th>d1A</th>
<th>Identified all friable and nonfriable types of ACM and assumed ACM</th>
<th>85a4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Assessed the ACM condition for damage type and rating in percent</td>
<td>88b&amp;c</td>
</tr>
</tbody>
</table>

- Survey report must identify friable or nonfriable ACM
- Certified Asbestos Consultants (CAC) can assume ACM
- Condition: Good, Damaged, Significantly damaged

Table 1 shows samples taken via bulk sampling in the living room.

<table>
<thead>
<tr>
<th>Material/Location</th>
<th>Sample #</th>
<th>Results (%) &amp; Type</th>
<th>Quantity (Square Feet)</th>
<th>Friable/Non-Friable</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Room Acoustic Ceiling Material</td>
<td>#1</td>
<td>8% Chrysotile</td>
<td>200 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall</td>
<td>#4 - #5</td>
<td>Non-detect</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall Joint Compound</td>
<td>#6</td>
<td>0.2% Chrysotile</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
</tbody>
</table>

Table 1.

Rule 1403 defines ACM as those that contain greater than 1.0% by area as determined by PLM (40 CFR Part 763, Appendix A, Subpart F Section 1). Therefore, the drywall & drywall joint compound in Table 1 does not require asbestos abatement procedures and can be treated as regular construction debris per Rule 1403.
General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th>(iii)(II)</th>
<th>Documented the OSHA certificate # of the person(s) that performed that inspection(s)</th>
<th>85a4viA</th>
</tr>
</thead>
<tbody>
<tr>
<td>iv</td>
<td>Provided proof of Cal/OSHA certification as a Certified Asbestos Consultant (CAC)</td>
<td>85a4viA</td>
</tr>
</tbody>
</table>

- CAC #XX-XXXX or
- CSST # XX-XXXXX
General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th>(iii)(VI)</th>
<th>Documented the NVLAP approval # of the lab used for sample analysis</th>
<th>87a</th>
</tr>
</thead>
<tbody>
<tr>
<td>h2</td>
<td>Analyzed samples at a NVLAP lab by PLM or SCAQMD Method 300-91</td>
<td>87</td>
</tr>
</tbody>
</table>

- NVLAP XXXXXX-X
- Bulk sampling recognized
  - Other methods are not recognized
    - I.e. dust wipe, air samples
Dust Wipe Sampling Results

The following Table 2 shows the type of asbestos and qualitative indication of asbestos fibers present via dust wipe sampling.

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Material/Location</th>
<th>Result</th>
<th>Quantity (Square Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#6 - #7</td>
<td>Red Vinyl Flooring in Living Room</td>
<td>Non-Detect</td>
<td>200</td>
</tr>
</tbody>
</table>

Table 2.

Dust wipe sampling results indicate that the vinyl flooring in the living room does not contain ACM and can therefore be removed during remodeling without special precautions per Rule 400.
General Requirements of an Asbestos Survey

• 1403(h)(2), 40 CFR Part 763 Section 1

  • Polarized Light Microscopy
    • Less accurate
    • Cost less
  • Point counting
    • More accurate method of determining % ACM
    • Typically costs more
General Requirements of an Asbestos Survey

• What if **Polarized Light Microscopy** results come back 0% ACM < Material ≤ 1% ACM?
  • ACM if not a percentage enough
  • Assume ACM
  • Use point-count to confirm
  • Can’t assume **not** ACM (must prove)
General Requirements of an Asbestos Survey

Polarized Light Microscopy
0% ACM < Material ≤ 1% ACM

No Point Count
- Considered ACM

Point Count
- Shows Material > 1% ACM
  - Considered ACM
- Shows Material < 1% ACM
  - Not Considered ACM
Analyzed via Polarized Light Microscopy


Table 1 shows samples taken via bulk sampling in the living room.

<table>
<thead>
<tr>
<th>Material/Location</th>
<th>Sample #</th>
<th>Results (%) &amp; Type</th>
<th>Quantity (Square Feet)</th>
<th>Friable/Non-Friable</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Room Acoustic Ceiling Material</td>
<td>#1</td>
<td>8% Chrysotile</td>
<td>200 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall</td>
<td>#4 - #5</td>
<td>Non-detect</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall Joint Compound</td>
<td>#6</td>
<td>0.2% Chrysotile</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
</tbody>
</table>

Table 1.

Rule 1403 defines building materials that contain greater than 1.0% asbestos as regulated. Listed by PLM (40 CFR Part 763, Appendix A, Subpart H), the drywall joint compound in Table 1 does not require removal and abatement procedures and can be treated as non-regulated construction debris per Rule 1403.
General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th>(iii)(VII)</th>
<th>Documented the sampling protocols (763.86) and lab test methods used for asbestos analysis (763.87)</th>
<th>86 &amp; 87</th>
</tr>
</thead>
<tbody>
<tr>
<td>h1</td>
<td>Sampled the suspect ACM in accordance with the AHERA inspection protocol</td>
<td>86</td>
</tr>
</tbody>
</table>

- South Coast AQMD has taken the stance that 3 samples are required per homogeneous material
General Requirements of an Asbestos Survey

<table>
<thead>
<tr>
<th>(iii)(VII)</th>
<th>Documented the sampling protocols (763.86) and lab test methods used for asbestos analysis (763.87)</th>
<th>86 &amp; 87</th>
</tr>
</thead>
<tbody>
<tr>
<td>h1</td>
<td>Sampled the suspect ACM in accordance with the AHERA inspection protocol</td>
<td>86</td>
</tr>
</tbody>
</table>

- 1 positive result, ACM
- Stop at first positive
- CAC can also assume
  - CAC only one that can assume, must still have survey
<table>
<thead>
<tr>
<th>Material/Location</th>
<th>Sample #</th>
<th>Results (%) &amp; Type</th>
<th>Quantity (Square Feet)</th>
<th>Friable/Non-Friable</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Room Acoustic Ceiling Material</td>
<td>#1</td>
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<td>200 square feet</td>
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<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall</td>
<td>#1-#5</td>
<td>Non-detect</td>
<td>480 square feet</td>
<td>Friable</td>
<td>Good (100% in tact)</td>
</tr>
<tr>
<td>Living Room Drywall Joint Compound</td>
<td></td>
<td>0.2% Chrysotile</td>
<td>480 square feet</td>
<td></td>
<td>Good (100% in tact)</td>
</tr>
</tbody>
</table>

**Analized via Polarized Light Microscopy**

**Only ACM if > 1%**

**Not assumed ACM**

---

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Material</th>
<th>Results (%) &amp; Type</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>Acoustic ceiling material</td>
<td>99% Cellulose</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>Acoustic ceiling material</td>
<td>8% Chrysotile</td>
<td></td>
</tr>
<tr>
<td>#3</td>
<td>Acoustic ceiling material</td>
<td>Stop at first Positive</td>
<td></td>
</tr>
<tr>
<td>#4-5</td>
<td>Drywall</td>
<td>Stop at first positive</td>
<td>99% Cellulose</td>
</tr>
<tr>
<td>#6</td>
<td>Joint compound</td>
<td>25% Cellulose</td>
<td>0.2% Chrysotile</td>
</tr>
</tbody>
</table>
1. An asbestos survey is required prior to demolition.

A. True
B. False
2. Asbestos found to contain 0% ACM < Material 1% asbestos via polarized light microscopy needs no further sampling and can be treated as regular construction debris per South Coast AQMD Rule 1403

A. True
B. False
3. Which of the following statement is true according to Rule 1403?

A. A Non-Certified Asbestos Consultant can assume material is asbestos containing

B. An Asbestos Survey is not required if the material that will be removed is greater than 100 square feet

C. A Non-Licensed Asbestos Abatement Contractor can remove greater than 100 square feet of asbestos containing material with no asbestos survey so long as the material is treated as asbestos containing material (i.e. adequately wetted, cover all non-working surface areas with plastic, place asbestos containing material in leak tight containers, etc.)

D. Prior to demolition, a thorough Asbestos Survey needs to be conducted
4. Asbestos exposure is known to result in the following health effects:

A. Asbestosis  
B. Lung Cancer  
C. Mesothelioma  
D. Pleural plaques  
E. All of the above
5. The minimum amount of samples needed for more than 5000 square feet of friable material is:

a. 3
b. 5
c. 7
d. 1
Contact Information

• Questions?

Derrick Diego
909.396.2252
ddiego@aqmd.gov

Asbestos Hotline
909.396.2336
rule1403notifications@aqmd.gov
SCAQMD Rule 1403
More Restrictive than 40 CFR 61 (NESHAP)

- Training Requirements - Supervisory/Workers shall complete the Asbestos Abatement Contractor/Supervisor course pursuant to the Asbestos Hazard Emergency Response Act (AHERA), and provisions of 40 CFR Part 61.145, 61.146, 61.147 and 61.152 (Asbestos NESHAP provisions)

- Renovation/Removal Procedures- # 1 thru 5, shall be used when removing or stripping ACM

- Handling/ Disposal Records ACWM shall be adequately wet prior to and during collection and packaging and placed in transparent, leak-tight containers or wrapping

- Waste Shipment/ Recordkeeping a signed certification (Haz and Non-Haz Manifest) that the contents are fully and accurately described by shipping name, classification, packing, marking, and labeling. Also, demolition or renovation activity shall maintain records for not less than three (3) years and make them available upon request

- Compliance and Enforcement
What to Expect from an Asbestos Inspection

- The CAC/CSST (Certified Asbestos Consultant/Certified Site Surveillance Inspector) should provide copy of Certification their Cal/OSHA License prior to performing the Inspection.
- License should be valid on date of inspection.
- The Limited Asbestos Survey/Comprehensive Survey report should identify location, amount, type, condition of all ACM found, Plot map, Photos and Consultant’s recommendations.
- This inspection will give you the information needed determine if you must notify for an Abatement, Demolition or Both and the information to submit.
- Provide recommendations on how to deal with the ACM found.
- List of certified inspectors can be obtained from the Cal/OSHA – www.dir.ca.gov.
A thorough Facility Survey for the presence of Asbestos-containing materials is required prior to any activities. The survey must be conducted by an OSHA-certified inspector.

- Comprehensive versus Limited
- Schools: AHERA report is not sufficient
- Surveys required prior to renovations (some exemptions), and demolitions (no exemptions).
- Must be representative of renovation to be done.
- KEPT ONSITE
Important Definitions

Asbestos—Includes Serpentine Group (Chrysotile); and Amphibole Group (Amosite, Crocidolite, Anthrophylite, Tremolite and Actinolite)
ASBESTOS

• Any of several minerals (such as chrysotile) that readily separate into long flexible fibers
• Historical widespread use in building materials and other products
  • Flooring, ceiling tiles, joint compounds, insulation, transite pipes, paint, stucco, roofing materials
ASBESTOS

- Potent carcinogen
  - Asbestosis, Mesothelioma
- Dangerous when disturbed – renovation/demolition activities
- Never an Asbestos ban. Liability, private litigation.
- No exemptions for age of building
ASBESTOS

• AHERA - Asbestos Hazard Emergency Response Act
  • SCAQMD Rule 1403 has different and more stringent requirements.
• South Coast AQMD has issued Notices of Violations to schools and contractors for insufficient surveys.
• Contractors and/or subcontractors may not be certified to abate or handle asbestos.
ASBESTOS COMPLIANCE ADVISORY

- Onsite Survey
- Online Notifications
- Removal and Clean Up Procedures
- Damaged or Disturbed Asbestos – Procedures
- SCAQMD Asbestos Hotline (909)396-2336

www.aqmd.gov
SCAQMD Rule 1403 Applicability and Definitions

APPLICABILITY:
Rule 1403, in whole or in part, is applicable to owners and operators of any demolition or renovation activity, and the associated disturbance of asbestos containing material, any asbestos storage facility, or any active waste disposal site.

OWNER or OPERATOR OF A DEMOLITION OR RENOVATION ACTIVITY:
is any person who owns, leases, operates, controls or supervises activities at the facility being demolished or renovated; the demolition or renovation operation; or both.
DEMOlITION:  
The wrecking or taking out of any load-supporting structural member of a facility and related handling operations or the intentional burning of any facility.
SCAQMD Rule 1403 Definitions

RENOVATION:
The altering of a facility or the removing or stripping of one or more facility components in any way, including, but not limited to, the stripping or removal of Asbestos Containing Materials from facility components, retrofitting for fire protection, and the installation or removal of heating, ventilation, air conditioning (HVAC) systems. Activity involving the wrecking or taking out of load-supporting structural members are demolitions.
**Important Definitions**

- **Regulated Asbestos-Containing Material (RACM)**
  - Friable asbestos material
  - Nonfriable ACM
  - Nonfriable ACM that will be subjected to sanding, grinding, cutting, or abrading (NESHAP)
  - Nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by forces of demolition or renovation operations. (NESHAP)

- **ACM type, dictates the Removal procedure and Determines the handling requirements**

- **R1403 (c ) (1-41)-Why are they Important**
**Decision Tree**

I plan to perform Renovation/Demolition Activities

Rule 1403 and/or NESHAP is Applicable

Hire a Certified Inspection (SURVEY) Required by CAC or CSST

Survey shows Asbestos in Building Materials and list the Quantity, Type and Friability

Rule 1403 and/or NESHAP is Applicable

If, No Asbestos (ACM) is identified (ND)

If, No Abatement Notification is Required

If, Yes Asbestos (ACM) is identified

Complete and submit WEB App Notification of Intent to Renovate

Yes, a Demolition notification is Required

If Asbestos Containing Material (ACM) present, it must be addressed according to regulations before demolition

Complete and submit a WEB App Notification of Intent to Demolish

No Abatement Notification is Required
What Next?

- Web App Notification to South Coast AQMD/Environmental Protection Agency/Cal-OSHA is required for:
  - **Renovations** if the *combined* amount of RACM to be disturbed is at least:
    - 100 Square feet on pipes-R1403
    - 100 square feet on other facility components-R1403, and
    - 260 Linear feet on pipes and 160 Square feet on other facility components or where length or area could not be measured previously - NESHAP
  - **Demolitions** all demolitions require notification *(even if no ACM is present and/or you obtained a City Demo Permit)*

Note: All, Notifications submitted via online Web App
NOTIFICATIONS

- Electronic Notification required by contractors through Asbestos Web App (www.aqmd.gov)

- Notification 10 working days \textit{prior} to work activities for:
  - Renovations that impact asbestos containing material
  - All renovations involving the clean up of damaged or disturbed asbestos containing material
  - All demolitions

- Provide asbestos removal and demolition/renovation schedule

- Some notification exemptions for renovations involving less than 100 sq. ft of intact/undisturbed ACM surface area, or 1% asbestos content or less.

- \textbf{Must notify for ALL demolitions}
What Type of Information is required to complete the Web App
ASBESTOS REMOVAL PROCEDURES

Procedures to be followed when removing or stripping asbestos:

• Procedure 1 - HEPA Filtration (Friable/Non Friable ACM)
• Procedure 2 – Glove bag (Friable/Non-friable ACM)
• Procedure 3 - Adequate Wetting (Non Friable ACM)

Alternatives that require South Coast AQMD Review and Approval

• Procedure 4 - Dry Removal
• Procedure 5 - Approved Alternative
PROCEDURE 5 PLANS (APPROVED ALTERNATIVE)

- Whenever there is damaged or disturbed asbestos containing material, regardless of project size/square footage, must be surveyed by Certified Asbestos Consultant (CAC).
- CAC will recommend to submit Procedure 5 plan based on results and expertise.
- May NOT begin clean up UNTIL Plan is approved.
- Rule 1403 is more stringent than AHERA O & M Plans.
CONCLUSIONS

Asbestos waste and residual has been confirmed in debris including paint texture paint and black mastic flooring materials. While small amounts of debris are observed, it confirms that improper asbestos demolition activities have been performed and the presence of contamination in area.

All stockpiles and remaining dumpster within the facility should be assumed contaminated with asbestos residuals. These dumpsters contain a mixture of possible construction debris as well as tree roots and landscaping waste. All stockpiles and dumpster must remain at the facility until clean up and proper disposal of waste can be performed under a Procedure 5 Plan.

All areas including building footprint, plus a 10 foot perimeter around the building footprints should be considered contaminated by demolition of exterior paint texture containing asbestos. The path of equipment travel from demolition area to stockpile regions should be considered contaminated.

These areas should be restricted until a licensed abatement contractor can perform stabilization procedures and clean up in the areas.
Procedure 5 Plans are required for any of the following asbestos removal projects of ACM or nonfriable Class II ACM, but not limited to:

- Request to remove asbestos on a non-compliance or non-conformance basis – R1403(d)(1)(A)(1)(B)
- Clean-up of an Abandoned Disturbance of Asbestos – R1403(d)(1)(A)(2)(V)
- Use of an alternative combination of techniques and/or engineering controls for removing asbestos – R1403(d)(1)(A)(3)(V)
- Use a pre-approved specific combination of techniques and/or engineering controls for removing asbestos – R1403(d)(1)(A)(4)(V)
- Removal of asbestos that has suffered damage from fire, explosion, or natural disaster – R1403(d)(1)(A)(5)(D)

Examples of asbestos abatement projects requiring Approval Alternative Procedure 5 plans are, but not limited to:

- Request for using power tools to remove asbestos inside modified containment
- Clean-up of ACM contamination, illicit or improper removal, handled or disposed ACM, nonfriable Class II ACM or ACM
- Open-air abatement of Class II nonfriable ACM using mechanical methods
- Demolition of butting, lining or working areas requiring a clearance level of 0.01 feet
- Demolition of fire-resistive buildings (structurally unsafe)
- Clean-up of ACM contained, sealed or damage due to building settling, weathering, seismic events, improper maintenance practices, impacted during building operations, etc.
- Clean-up of ACM, ACMW, and asbestos contaminated soil from crawlspaces of any site, and
- Clean-up of buried ACM or ACMW from landfills, various sites, grading operations, etc.

To obtain plan approval, fax the plan, survey and notification to 909-396-3362. For after hours emergency situations fax the above information and call 909-380-2320 to request expedited approval by an Inspector Supervisor. A verbal approval may be issued in most emergency cases. Mail the signed original plans, survey and notification to AQMD postmarked within 48 hours of AQMD approval. For additional information, call 909-396-3739 or 909-396-2318.

Plans should include the following attachments prior to AQMD review:

- Notification form with scheduled project dates (plan will not be approved without a contractor notification)
- Site survey inspection report documenting the cause of the asbestos disturbance, extent of the site contamination, and the CAC’s observations, findings, and recommendations
- Sample(s) chain of custody and the lab analysis result must be included in formal survey report
- Site map, plot plan, or drawing, showing street names and sensitive receptors
- Photographs (if available) with identifying notations to assist in evaluating the project
- List of companies and contacts involved in the asbestos clean-up project
- List of ACMW permitted equipment to be used in the project including serial and permit numbers
- Signature of the California Certified Asbestos Consultant (CAC) that prepared the plan, and
- CEQA Applicability Form 400 for any demolition, excavation or site grading activity exceeding 20,000 sq ft.

Plans should be brief, in outline form and not more than four pages long (in most cases) and should include the:

- Scope of the overall project
- Asbestos material(s) at the site, its condition, type, amount and specific location(s) within the site
- Abatement project stages with dates and time lines
- Provisions for site preparation and control, prevention of contamination migration, including ingression/gress zones
- Engineering, work practices and asbestos emissions controls
- Procedures for work area clean-up and/or decontamination after bulk removal
- Provisions for handling, storing, transporting and disposing of the asbestos containing waste
- Air monitoring types(s) and clearance level to be achieved, and
- Type and amount of asbestos remaining on site (if any) to be removed or managed in place and by whom

For R1403(d)(1)(A)(3)(V) – “No person shall use a Procedure 5, Approval Alternative without complying with all of the conditions and limitations set forth therein”

1Non-compliance of asbestos is defined in Rule 1403(d)(1)(A)(1) by any compliance or noncompliance of ACM or nonfriable Class II ACM, or generation of an uncontrolled asbestos fibers above the ACM or nonfriable Class II ACM.
2AQMD requires aggressive air and dust control for asbestos.
3Survey reports must comply with R1403(d)(1)(A)(2), 4903(T)7-Subpart E, and R1407.905 requirements.
4Removal of asbestos ACM and PACM contamination on site is a separate project and not covered by the plan approval.
Training Requirements  What to Expect

On-Site Representative

Supervisory and Abatement Workers

Shall complete

an

Asbestos Abatement Contractor/Supervisor course pursuant to the Asbestos Hazard Emergency Response Act (AHERA)

and

Provision of 40 CFR Part 61.145, 61.146, 61.147 and 61.152 (Asbestos NESHAP)
Work practices/ Handling Operations

What to Expect

All ACWM shall be collected and placed in transparent, leak-tight containers or wrapping

ACWM shall be collected, and sealed in leak-tight containers

ACWM shall be adequately wet prior to and during collection and packaging

All surfaces in the isolated work area shall be cleaned, with a vacuum system utilizing HEPA filtration, wet mopping and wipe down with water, or by an equivalent methods
Demolition and Renovation Activities—any demolition or renovation activity shall maintain the following records for not less than three (3) years and make them available to the District upon request:

**(A)** A copy of all survey-related documents;

**(B)** A copy of all submitted notifications (most recently updated written notification)

**(C)** A copy of all written approvals obtained under the requirements of subparagraph (d)(1)(D)

**(D)** A copy of all Waste Shipment Records

**(E)** All training informational materials used by an owner or operator to train supervisors or workers

**(F)** A copy of all supervisors and workers training certificates
On-Site Requirements  What to Expect

Demolition and Renovation Contractor’s shall maintain on-site and shall be provided to the District upon request: (i) California State Contractor's License certification number;

(ii) Cal/OSHA Registration number;

(iii) copies of surveys, conducted pursuant to subparagraph (d)(1)(A); and (iv) copies of notifications submitted pursuant to subparagraph (d)(1)(B), and Proof shall be consistent with the most recently updated information submitted in the notification.

On-Site Storage of ACWM - shall be stored on-site except in a leak-tight container

- kept inside an enclosed storage area

- Enclosed storage area shall not be accessible to the general public and be locked when not in use
Disposal Requirements  What to Expect

ACWM shall be disposed of at a waste disposal site that is operated in accordance with paragraph (d)(3) of this rule.

Container Labeling  Leak-tight containers which contain ACWM shall be labeled as specified in section (e)
Module 4

INSPECTOR ALISHA LEWIS

ALEWIS@AQMD.GOV (909) 396-2171
Overview of Module

- Rule 1403 Applicability
  Responsibility for requirements for Rule 1403

- Asbestos Inspection Checklist
  Detailed Review of the Asbestos Inspection Checklist, Discussion of Inspector use

- Notification Requirements
  When to notify, how to notify, changes to Notifications

- Emergency Asbestos Removal or Government Ordered Demolition
  Required information for the Emergency Asbestos Removal/Government Ordered Demolition

- General Inspection Layout
  Required documents, enforcement actions, mock inspection

- Questions/Discussion
Applicability & Rule 1403 Asbestos Inspection Checklist
Industries/Sites with Rule 1403

Who is subject to the Rule?

- Demolition Contractors
- Abatement Contractors
- Roofing Contractors
- Flooring Contractors
- Grading Contractors
- Handymen
- Restoration Companies
- Schools
- School Districts
- Universities
- Plumbers
- Electricians
- Maintenance Workers
- HVAC Technicians
- Facility Owners
- Property Managers
- Home Owners
- Applicants for city renovation/demolition permits
- Commercial Property Owners
- Cities
- Any and all subcontractors
Asbestos Inspection Checklist

- Inspectors review the following information in the asbestos information checklist for each site
- Look at compliance/violations of both South Coast AQMD Rule 1403 and 40 CFR
- Covers all of South Coast AQMD Rule 1403
- Surveys
- Notifications
- Removal Procedures
- Handling/Disposal
- Training
- Each “NO” on the checklist may constitute as a separate violation
- Violation is open for each day the facility is out of compliance
Survey/Notification
Removal Procedures
Asbestos Waste Handling/Records
Asbestos Inspection Checklist

Survey Notification Section

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
ASBESTOS INSPECTION REPORT

<table>
<thead>
<tr>
<th>SITE ADDRESS</th>
<th>NOTIF #</th>
<th>INSPECTION DATE</th>
<th>CONTRACTOR NAME</th>
<th>CONTRACTOR AEIS ID #</th>
<th>YES</th>
<th>NO</th>
<th>COUNT #</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Demolition or renovation work going on at time of inspection
Wet demolition with no dust (403) (145c 9) [ ] [ ] [ ]
Permitted Vac-loader; Filing for HEPA vacuum, negative air machine, ICE, etc (201, 203, 222) [ ] [ ] [ ]
Disturbed, handled or removed ACM that contain more than 1% asbestos. Type of proof
Disturbed, handled or Removed more than 100 square feet of ACM. Quantify

1403(d)(1) Sec CONSTRUCTOR WORK SITE REQUIREMENTS 40CFR61 Sec
A Asbestos Survey prior to demolition and/or renovation (145a) [ ] [ ] [ ] 1
A(viii) Asbestos Survey conducted by a Certified CAL OSHA Surveyor [ ] [ ] [ ] 2
B Notification postmarked 10 working days prior to renovation / demolition (145b3) [ ] [ ] [ ] 3
B(v) Notification updates submitted as required (revisions) (145b2) [ ] [ ] [ ] 4
C Removed ACM prior to demolition or renovation NOTIF# (145c1) [ ] [ ] [ ] 5
Civ Secure, stabilized, surveyed an associated disturbance of ACM [ ] [ ] [ ] 6
D Used required ACM removal procedures [ ] [ ] [ ] 7

➢ Other Rules for Equipment On-Site (R203, R222, CARB PERP)
➢ Asbestos Surveys & Asbestos Removal Notifications & Demolitions
➢ Requirement for Notifications – required to be on-site including all revisions
## Asbestos Inspection Checklist

### Removal Procedures Section

- **Asbestos Removal Procedures**
  - **Procedure 1** – Three (3) stage containment, view ports, HEPA, wetting of asbestos material
  - **Procedure 2** – Glove Bag
  - **Procedure 3** – Containment, wetting of asbestos material
  - **Procedure 4** – Approved Dry Methods – Supervisor Approval Required
  - **Procedure 5** – Alternative Plan for Disturbed ACM – Supervisor Approval Required

### Checklist

<table>
<thead>
<tr>
<th>Description</th>
<th>Yes</th>
<th>No</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Covered non working surfaces</td>
<td></td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Isolated work area free of gaps and tears, and air tight</td>
<td></td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Restricted air movement</td>
<td></td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Containment with viewing ports</td>
<td></td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>Filtering work area with HEPA system</td>
<td></td>
<td></td>
<td>13</td>
</tr>
<tr>
<td>HEPA filter(s) free of tears or damage</td>
<td></td>
<td></td>
<td>14</td>
</tr>
<tr>
<td>Wetting ACM during removal</td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Procedure 2 - Glovebag or Mini enclosures</td>
<td></td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>Procedure 3 - Wetting, drop cloths, tenting, manual removal</td>
<td></td>
<td></td>
<td>17</td>
</tr>
<tr>
<td>Procedure 4 - Approved dry ACM removal</td>
<td></td>
<td></td>
<td>18</td>
</tr>
<tr>
<td>Procedure 5 - Approved alternative techniques plan for handling disturbed ACM</td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>On site proof of AQMD approval for Procedure 4 &amp; 5 Plans</td>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>
Asbestos Inspection Checklist

Asbestos Waste Handling/Records Section

- Collection of asbestos containing waste material (ACWM)
- Packaging of ACWM
  - Bagging of material
  - Labeling of material
- Marking of storage area
- Disposal requirements
- ACWM Shipment records
- Marking of transport vehicle
- Training (for renovation and/or demolition activity)
Notifications
Requirements
Notifications

- **Notifications Requirements 1403(d)(1)(B)(i)**
  - Required for all demolitions
  - Required for asbestos removal > 100 square feet of removal

- **Dates 1403(d)(1)(B)(i)**
  - Ten (10) business days or fourteen (14) calendar days before start of the project
  - Start Date
    - Day you start any demolition or renovation activity
  - End Date
    - Date you are completed with demolition or renovation activity
    - Includes all clean-up hauling of waste

- **Notifications Updates 1403(d)(1)(B)(v)**
  - Change in Quantity of Asbestos
  - Early/Late Start Date
  - Completion Date Change
  - Planned Renovation Progress Report

- **Notification Updates Additional Information**
  - Receive a new Notification #
  - May be subject to revision fees
Notifications

- **Notifications Requirements** 1403(d)(1)(B)(i)
  - Required for all demolitions
  - Required for asbestos removal > 100 square feet of removal

- **Dates** 1403(d)(1)(B)(i)
  - Ten (10) business days or fourteen (14) calendar days before start of the project
  - Start Date
    - Day you start any demolition or renovation activity
  - End Date
    - Date you are completed with demolition or renovation activity
    - Includes all clean-up hauling of waste

- **Notifications Updates** 1403(d)(1)(B)(v)
  - Change in Quantity of Asbestos
  - Early/Late Start Date
  - Completion Date Change
  - Planned Renovation Progress Report

- **Notification Updates Additional Information**
  - Receive a new Notification #
  - May be subject to revision fees
Notifications

What about home owners?

Do home-owners need to submit notifications?

- Per South Coast AQMD Rule 1403(j)(9): "The provisions of this rule shall not apply to an owner-occupant of a residential single-unit dwelling who personally conducts a renovation activity at that dwelling."
- The above exemption applies only to a home owner that personally resides in his/her house or single family home
- DEMOLITION Notifications are always required

Who qualifies as a home owner?

- Owner of a single family residence
- The house is not used as rental property or business
- The house is not vacant
- The home-owner currently resides in the house
- The home-owner's name is on the house deed of trust, and
- The home-owner personally performs the renovation - not laborers, friends or family members.

There are no exemptions for owners of condominiums, townhouses, or apartments.
**Rule 1403 Form Notification of Demolition or Asbestos Removal**

**Demolition Information:** All asbestos containing materials must be removed prior to any demolition activity.

<table>
<thead>
<tr>
<th>Asbestos Removal Company</th>
<th>Daniel Asbestos Removal</th>
</tr>
</thead>
</table>

**Waste Information**

<table>
<thead>
<tr>
<th>Waste Transportation</th>
<th>Waste Generated from Treatment</th>
<th>Waste Generated from Disposal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Address</td>
<td>Address</td>
</tr>
<tr>
<td>City</td>
<td>City</td>
<td>City</td>
</tr>
</tbody>
</table>

**Contractor Certification:** All contractors or owners/operators submitting this notification must sign this form.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Title of Owner/Operator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notification Fee:** No notification shall be considered valid pursuant to Rule 1403 until it is accompanied by the required current (Rule 1004b Table V). Please make checks payable to South Coast AQMD and use the TOTAL AMOUNT of asbestos removed for the demolition process. The fee is assessed based on the difference between the project's start category and the impacted project's end category (See Fee Information).

<table>
<thead>
<tr>
<th>Project Start Category</th>
<th>Project End Category</th>
<th>Fee Based on Project Size (Reg B)</th>
<th>Additional Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$174.75</td>
<td>$65.12</td>
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<td>$40,000</td>
<td>$180.13</td>
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<td></td>
<td></td>
<td>$60,000</td>
<td>$250.00</td>
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<tr>
<td></td>
<td></td>
<td>$100,000</td>
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<td></td>
<td></td>
<td>$150,000</td>
<td>$450.00</td>
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<td></td>
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<td>$200,000</td>
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<td>$1,250.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$1,000,000</td>
<td>$2,500.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$2,000,000</td>
<td>$3,750.02</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$3,000,000</td>
<td>$5,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>$5,000,000</td>
<td>$7,500.00</td>
</tr>
</tbody>
</table>

**Attention:** Keep Three (3) copies of this Notification Form. One for your records, one to post at the worksite, and one to obtain a duly signed copy. For additional information, refer to the South Coast AQMD website at [www.scaqmd.gov](http://www.scaqmd.gov). To obtain the signed original notification form, visit the web page at [www.scaqmd.gov](http://www.scaqmd.gov). For all questions, call 909-380-2268. Form instructions and Rule 1403 can be obtained from the South Coast AQMD website at [www.scaqmd.gov](http://www.scaqmd.gov). Please retain the signed original notification form for all records.
Emergency Notifications
Notifications

Emergency Notifications 1403(d)(1)(B)(iii) & (iv)
Allows you to start before waiting ten (10) business days or fourteen (14) calendar days under specific conditions

Demolitions: government ordered demolition
- The agency, name, title, telephone number and authority of the representative who ordered the emergency demolition; and
- A copy of the order, and the date on which the demolition was ordered to begin.

Renovations: emergency asbestos removal
- Emergency letter must include:
  - Name and phone number of responsible person in charge of the emergency
  - Date and hour that the emergency occurred
  - A description of the sudden, unexpected event
  - An explanation of how the event caused an unsafe condition, or would cause equipment damage or an unreasonable financial burden
  - A signed letter from the person directly affected by the emergency such as property owner or property manager, attesting to the circumstances of the emergency
Notification Example
South Coast AQMD Rule 1403 Notifications

Sample Notification

Front

South Coast AQMD Rule 1403 Web App

Back
South Coast AQMD Rule 1403 Notifications

Notification Information Sections

Front

Section 1

Section 2

Section 3

Section 4

Back

Section 4 Continued

Section 5

Section 6
South Coast AQMD Rule 1403 Notifications

Section 1

<table>
<thead>
<tr>
<th>Rule 1403 Notification of Procedure 1 Asbestos Removal</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Project Type</strong></td>
</tr>
<tr>
<td>Completed By</td>
</tr>
<tr>
<td>Contractor Information</td>
</tr>
<tr>
<td>Company Name</td>
</tr>
<tr>
<td>City</td>
</tr>
<tr>
<td>Zip</td>
</tr>
<tr>
<td>Site Information</td>
</tr>
<tr>
<td>Site Name</td>
</tr>
<tr>
<td>Site Street #</td>
</tr>
<tr>
<td>City</td>
</tr>
<tr>
<td>Zip</td>
</tr>
<tr>
<td>Project Start Date</td>
</tr>
<tr>
<td>Number of Days</td>
</tr>
<tr>
<td>Number of Asbestos Specimens</td>
</tr>
<tr>
<td>Asbestos Removed</td>
</tr>
<tr>
<td>Project Information</td>
</tr>
<tr>
<td>Asbestos Type</td>
</tr>
<tr>
<td>Asbestos Wall</td>
</tr>
<tr>
<td>Asbestos Floor</td>
</tr>
<tr>
<td>Asbestos Ceiling</td>
</tr>
<tr>
<td>Asbestos Tile</td>
</tr>
</tbody>
</table>

Please maintain a copy of this Notification at the job site, either electronic or paper.
South Coast AQMD Rule 1403 Notifications

Section 2

Contractor Information

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Test Company</th>
<th>Address</th>
<th>123 Main St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Diamond Bar</td>
<td>State</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td>91765</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSLB License #</td>
<td>22222</td>
<td>OSHA REG #</td>
<td>000001</td>
</tr>
<tr>
<td>Supervisor #1</td>
<td>Jane Doe</td>
<td>Phone</td>
<td>909-111-1111</td>
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</tbody>
</table>

Site Information

<table>
<thead>
<tr>
<th>Site Name</th>
<th>John Doe's House</th>
<th>Street Name</th>
<th>Main St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Brea</td>
<td>State</td>
<td>Orange</td>
</tr>
<tr>
<td>Zip</td>
<td>92821</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Name</td>
<td>John Doe</td>
<td>Contact Info</td>
<td>714-313-9999</td>
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</table>

Owner Information

<table>
<thead>
<tr>
<th>Owner Name</th>
<th>Steve Doe's House</th>
<th>Address</th>
<th>123 Hammer St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Orange</td>
<td>State</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td></td>
<td></td>
<td></td>
</tr>
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Project Information

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Entire House</th>
<th>Address</th>
<th>123 Hammer St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>City</td>
<td>Orange</td>
<td>State</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td></td>
<td></td>
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</tr>
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</table>

Asbestos Information

<table>
<thead>
<tr>
<th>Asbestos Type</th>
<th>Amount in Each Tag</th>
<th>Tag Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessory Ceiling</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Eaves</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Fascia</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Shingles</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
### South Coast AQMD Rule 1403 Notifications

**Section 3**

#### Rule 1403 Notification of Procedure 1 Asbestos Removal

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Asbestos Removal</th>
<th>Project Owner</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td></td>
<td></td>
<td>949-111-1111</td>
</tr>
</tbody>
</table>

#### Contractor Information

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Test Company</th>
<th>Address</th>
<th>123 Main St.</th>
<th>City</th>
<th>Diamond Bar</th>
<th>State</th>
<th>CA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zip</td>
<td>92821</td>
<td>Phone</td>
<td>909 111 1111</td>
<td>714-333-3333</td>
<td>123 Hammer St.</td>
<td>Orange</td>
<td>CA</td>
</tr>
</tbody>
</table>

#### Site Information

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Steve Doe's House</th>
<th>Project Location</th>
<th>Hammer St.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Street</td>
<td>123</td>
<td>Project End Date</td>
<td>08/10/2020</td>
</tr>
<tr>
<td>City</td>
<td>Brea</td>
<td>Building Size in Sq.Ft</td>
<td>2290</td>
</tr>
<tr>
<td>Zip</td>
<td>92821</td>
<td>Building Area (sqft)</td>
<td>65</td>
</tr>
<tr>
<td>Owner</td>
<td>Owner Smith</td>
<td>Building Type</td>
<td>House</td>
</tr>
<tr>
<td>Project Start Date</td>
<td>08/01/2020</td>
<td>Asbestos Survey</td>
<td>Yes</td>
</tr>
<tr>
<td>Project End Date</td>
<td>08/10/2020</td>
<td>Asbestos Removed</td>
<td>No</td>
</tr>
<tr>
<td>Owner Address</td>
<td>123 Hammer St.</td>
<td>Demolition Work Location</td>
<td>Entire House</td>
</tr>
<tr>
<td>State</td>
<td>Orange</td>
<td>Demolition Work Type</td>
<td>Asbestos Spray</td>
</tr>
</tbody>
</table>

#### Asbestos Information

<table>
<thead>
<tr>
<th>Amount of Asbestos in each type in Sq.Ft</th>
<th>Asbestos Ceiling</th>
<th>Asbestos Drywall</th>
<th>Asbestos Insulation</th>
<th>Asbestos Mastic</th>
<th>Asbestos Paint</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1264</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
</tbody>
</table>

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![Diagram of South Coast AQMD Rule 1403 Notifications](image_url)

---

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103
### South Coast AQMD Rule 1403 Notifications

**Section 4**

#### Rule 1403 Notification of Procedure 1 Asbestos Removal

- **Project Type:** Asbestos Removal
- **Project Urgency:** Routine
- **Phone Number:** 909-111-1111
- **Contractor Information:**
  - **Name:** John Doe
  - **Address:** 123 Main St.
  - **City:** Diamond Bar
  - **State:** CA
  - **Phone:** 909-111-1111

#### Site Information

- **Street:** 123
- **City:** Diamond Bar
- **State:** CA

#### Asbestos Information

<table>
<thead>
<tr>
<th>Asbestos Information</th>
<th>Amount in Sq.Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustic Ceiling</td>
<td>1364</td>
</tr>
<tr>
<td>Ducting</td>
<td>0</td>
</tr>
<tr>
<td>Transite</td>
<td>0</td>
</tr>
<tr>
<td>Other (friable)</td>
<td>0</td>
</tr>
<tr>
<td>Insulation</td>
<td>0</td>
</tr>
<tr>
<td>Floor Tiles (Non-friable)</td>
<td>0</td>
</tr>
<tr>
<td>Stucco</td>
<td>0</td>
</tr>
<tr>
<td>Plaster</td>
<td>0</td>
</tr>
<tr>
<td>Coal Tar Wrap</td>
<td>0</td>
</tr>
<tr>
<td>Concrete</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Asbestos Removal from Surfaces

- **FRAGILE:** 1364
- **CLASS I:** 0
- **CLASS II:** 0
- **Total:** 1364
# South Coast AQMD Rule 1403 Notifications

## Section 5

### Waste Information

<table>
<thead>
<tr>
<th>Waste Transporter #1</th>
<th>Transporter #1</th>
<th>City</th>
<th>Orchard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>5000 Apple St.</td>
<td>Zip</td>
<td>99999</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Transporter #2</th>
<th>Transporter #2</th>
<th>City</th>
<th>Orchard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>5000 Apple St.</td>
<td>Zip</td>
<td>99999</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Storage Site</th>
<th>Waste Storage Site</th>
<th>City</th>
<th>Orchard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>5000 Apple St.</td>
<td>Zip</td>
<td>99999</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Landfill</th>
<th>La Paz County Landfill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>26999 Highway 95, Mile Post 128</td>
</tr>
<tr>
<td>State</td>
<td>AZ</td>
</tr>
</tbody>
</table>
Section 6

South Coast AQMD Rule 1403 Notifications

### Section 6

<table>
<thead>
<tr>
<th>Waste Information</th>
<th>Waste Transporter #1</th>
<th>Waste Transporter #2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>5000 Apple St.</td>
<td>5000 Apple St.</td>
</tr>
<tr>
<td>City</td>
<td>Orchard</td>
<td>Orchard</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td>99999</td>
<td>99999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Storage Site</th>
<th>Waste Storage Site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>3255 5th St.</td>
</tr>
<tr>
<td>City</td>
<td>Orchard</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td>99999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fee Payment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Amount of Asbestos to be Removed in sq/ft</td>
<td>1364</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Information</th>
<th>Waste Transporter #3</th>
<th>Waste Transporter #4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>3255 5th St.</td>
<td>3255 5th St.</td>
</tr>
<tr>
<td>City</td>
<td>Orchard</td>
<td>Orchard</td>
</tr>
<tr>
<td>State</td>
<td>CA</td>
<td>CA</td>
</tr>
<tr>
<td>Zip</td>
<td>99999</td>
<td>99999</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Waste Storage Site</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>3255 5th St.</td>
</tr>
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<td>CA</td>
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<td>Zip</td>
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</tr>
</tbody>
</table>

### Fee Payment

<table>
<thead>
<tr>
<th>Fee Payment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Size Fee</td>
<td>$500.00</td>
</tr>
<tr>
<td>Additional Fee</td>
<td>$0.00</td>
</tr>
<tr>
<td>Total Fee</td>
<td>$500.00</td>
</tr>
<tr>
<td>Payment Made</td>
<td>$500.00</td>
</tr>
<tr>
<td>Balance Due</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

By clicking the Sign & Submit button, I certify that an individual trained in the provisions of SCAQMD Rule 1403 and the Asbestos NESHAP (CFR Title 40, Part 61, Subpart M) will be onsite during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. In addition, I certify that all of the information contained herein and information submitted with this Notification is true and correct.
Enforcement Action

Notice to Comply vs. Notice of Violation

Notices to Comply and Notices of Violation are issued by South Coast AQMD Inspectors

- Minor violations of South Coast AQMD rule requirements
- Request additional information
- To resolve a minor violation you should:
  - Comply with the instructions shown on the Notice to Comply form
  - Correct your compliance problem(s) by the specified deadline date(s) entered on the Notice
- Failure to meet one or more compliance deadlines specified in the Notice to Comply or continuing to operate in violation can result in the issuance of a Notice of Violation

- Can be issued for all violations of South Coast AQMD rules and regulations, permit conditions, or legal requirements
- Notices of Violation are resolved through:
  - Minor Source Penalty Assessment Program (MSPAP)
  - Civil Prosecution
  - Referral from criminal prosecution
- Settlement could take many forms
- Failure to comply with the requirements or continuing to be in violation could result in pursuance of Order for Abatement
General Inspection Overview
General Inspection Overview

Note: All inspection styles and steps are up to inspector discretion, site conditions and inspector/personnel safety

➤ Site Surveillance
➤ Photographs of the site
➤ Observe the site and obtain information (complainant, notification, etc.)

➤ Site Contact
➤ Introduction, provide credentials, obtain names from all personnel on-site
➤ State the reason for the visit

➤ Site Assessment
➤ Walk around of the site and discussion of scope of work
➤ Review of the site documents

➤ Sampling
➤ Don the appropriate PPE and obtain sampling equipment
➤ Sample suspect materials
➤ Note any discrepancies for material on-site

➤ Closing Discussion
➤ Discussion on what was found/next steps
➤ Issue any Notices to Comply
➤ Possibly cordon off area with caution tape or asbestos tape
## Inspection Follow-up/Closing

### Issuance of Notice to Comply

### Common Notice to Comply Language

<table>
<thead>
<tr>
<th>South Coast AQMD Rule</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>1403(d)(1)(C)(ii)(V)</td>
<td>Prior to continuing with any renovation, demolition or clean-up activity, secure and stabilize the entire site or the following areas</td>
</tr>
<tr>
<td>1403(d)(1)(A)</td>
<td>Prior to continuing renovation, demolition, cleanup have Certified Asbestos Consultant (CAC) perform asbestos contamination assessment of the entire site or the following areas</td>
</tr>
<tr>
<td>1403(d)(1)(D)(i)(V)</td>
<td>For verified contamination have CAC prepare Procedure 5 clean-up plan for SCAQMD review and approval prior to clean-up by a licensed asbestos abatement contractor</td>
</tr>
<tr>
<td>1403(i)(3)</td>
<td>Within 90 days, attend a Rule 1403 Compliance Promotion Class at SCAQMD headquarters. State date you will attend</td>
</tr>
</tbody>
</table>

---

**NOTICE TO COMPLY**

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>FID</th>
<th>Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location Address</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mailing Address</td>
<td></td>
<td></td>
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**South Coast AQMD Rule**

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</tr>
<tr>
<td>1403(i)(3)</td>
</tr>
</tbody>
</table>
Mock Inspection
Questions?

Use Raise Hand Button

or send email to

alewis@aqmd.gov
Review

(1) What is required to be on-site at the time of an abatement?
   (A) Asbestos survey
   (B) South Coast AQMD Notification
   (C) Asbestos removal documents including (CSLB license, DOSH license, generator labels, waste manifest)
   (D) Any associated Rule 222 Registrations
   (E) All of the above
(1) What is required to be on-site at the time of an abatement notification?

(A) Asbestos survey

(B) South Coast AQMD Notification

(C) Asbestos removal documents including (CSLB license, DOSH license, generator labels, waste manifest)

(D) Any associated Rule 222 Registrations

(E) All of the above
(2) The supervisor listed on the asbestos notification must be on-site at the time of abatement?
   (A) True
   (B) False
(2) The supervisor listed on the asbestos notification must be on-site at the time of abatement?

(A) True

(B) False
(3) When must an asbestos removal or demolition notification be submitted to South Coast AQMD?

(A) At least 1 business day before abatement/demolition
(B) At least 10 business days before abatement/demolition
(C) At least 10 working days before abatement/demolition
(D) At least 14 business days before abatement/demolition
Review

(3) When must an asbestos removal or demolition notification be submitted to South Coast AQMD?

(A) At least 1 business day before abatement/demolition
(B) At least 10 business days before abatement/demolition
(C) At least 10 working days before abatement/demolition
(D) At least 14 business days before abatement/demolition
(4) What are possible reasons a South Coast AQMD Inspector can visit your site?
   (A) Inspection related to Notification
   (B) Complaint Inspection
   (C) Rule 1403 Investigation
   (D) All of the above
(4) What are possible reasons a South Coast AQMD Inspector can visit your site?

(A) Inspection related to Notification

(B) Complaint Inspection

(C) Rule 1403 Investigation

(D) All of the above
(5) What is required for an emergency asbestos removal notification?

(A) Notification to South Coast AQMD, copy of emergency demolition order, all abatement notification documents

(B) Asbestos Survey, Notification to South Coast AQMD, all abatement notification documents

(C) Asbestos Survey, Notification to South Coast AQMD, copy of signed emergency letter, all abatement notification documents

(D) Asbestos Survey, Notification to South Coast AQMD, copy of emergency demolition order, all abatement notification documents
(5) What is required for an emergency asbestos removal notification?

(A) Notification to South Coast AQMD, copy of emergency demolition order, all abatement notification documents

(B) Asbestos Survey, Notification to South Coast AQMD, all abatement notification documents

(C) Asbestos Survey, Notification to South Coast AQMD, copy of signed emergency letter, all abatement notification documents

(D) Asbestos Survey, Notification to South Coast AQMD, copy of emergency demolition order, all abatement notification documents
Asbestos Containing Products
Asbestos Containing Construction Debris
Compliance Program
Compliance Inspection Program

- Outreach
- Coordinate with Owners/Contractors
- Review Building Limited/ Comprehensive Surveys
- Review Renovation/Demolition Notifications
- Inspect Abatement & Demolition Projects for Compliance with R1403/ 40CFR61
- Coordinate with Other Agencies and participate in Inspection/Search Warrants
- Complaint Investigations regarding disturbance of ACM/ACWM
1. The definition of a Demolition is:

A. Treatment of ACM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers

B. The wrecking or taking out of any load-supporting structural member of a facility and related handling operations or the intentional burning of any facility

C. The altering of a facility or the removing or stripping of one or more facility components in any way

D. The style or method used in the building of something
2. The requirements of Rule 1403 does not apply when:

A. Close friends of an owner-occupant conducts renovation at a residential single-unit dwelling

B. An owner-occupant conducts renovation at a residential multi-unit dwelling

C. An owner-occupant personally conducts the renovation at a residential single-unit dwelling

D. An owner-occupant personally conducts the demolition at a residential single-unit dwelling

E. All of the above
3. South Coast AQMD’s Rule 1403 class can be a substitute to the Abatement Worker course pursuant to the AHERA and/or a substitute to the Asbestos Abatement Contractor/Supervisor course pursuant to the AHERA

A. True
B. False
4. The applicability of federal regulations governing demolition, renovation, and handling of asbestos containing material (40 CFR 61.145) apply to what type of buildings

A. Single Family Residential Homes

B. Residential Complexes With More Than 4 Dwelling Units

C. Commercial Building(s)

D. B & C

E. All of the above
5. Which of these asbestos abatement procedures is allowed and typically used for the removal of intact non-friable asbestos containing material?

A. Procedure 1  
B. Procedure 2  
C. Procedure 3  
D. Procedure 4  
E. Procedure 5