



South Coast Air Quality Management District

21865 Copley Drive
Diamond Bar, CA 91765
(909) 396-2336

INSTRUCTIONS FOR THE ASBESTOS - DEMOLITION NOTIFICATION FORM

PROJECT TYPE: Check a project description. For annual Notifications and progress reports check [Planned Reno \(annuals\)](#).

NOTIFICATION TYPE: Check [ORIGINAL](#) for first time Notification. Check [REVISION DATES](#) to change the [START](#) or [END](#) project schedule dates. [REVISIONS](#) are for updating information on Notifications in which the project [END](#) date has not expired. Revision of site location address *requires a new Notification*. Check [CANCELLATION](#) to cancel a prior Notification.

CONTRACTOR INFORMATION: Name and DBA as shown in the CSLB contractor license and company physical address - **No PO Boxes**. Notifications should be completed and submitted by the contractor performing the actual asbestos removal or demolition. Provide the numbers for your California Contractor State License Board ([CSLB](#)), Cal/OSHA Registration ([OSHA REG](#)), and SCAQMD identification ([SCAQMD ID](#)). CSLB Abatement License and Cal/OSHA Registration are required to perform asbestos removal. The SCAQMD ID number is found in the contractor's District permits or invoices and one will be provided to you if you do not have one. **For your convenience mail the Notification and do not hand carry to SCAQMD as there is no designated staff to receive it. Mailing saves you valuable time, gas money, car wear and tear, and reduces traffic and air pollution.**

COMPLETED BY: Type the company business legal name and DBA as shown in the CSLB contractor license, name and phone number of the person completing the Notification form, the date, check number, fee amount, and the contractor's project number (if any).

SITE INFORMATION: Provide detailed information about the facility site location and/or structure(s) where the asbestos removal or demolition is to occur, including a cross street. [DESCRIBE WORK AND LOCATION](#) by providing the specific work and areas within the facility or structure. Examples: *remove VAT from main lobby, demo Monroe Hall, remove mastic from kitchen of Bldg. #2.*

SITE OWNER: Name, physical address and phone number of the site legal owner, or authorized contact person if the site is owned by a company – **no PO Boxes**.

PRESENT and PRIOR USE: Check the [PRESENT](#) and [PRIOR](#) use of the facility. For all rental property check [Commercial](#). Check [House](#) only for single family homes that are owner occupied and not being used as rental property.

PROJECT DATES: The actual [START](#) and [END](#) dates and work shifts of the Asbestos Removal or Demolition project. This includes set-up, clean-up and clearance. Changes of project scheduled dates stated in [ORIGINAL](#) or previous Notifications require a [Revision](#) to the previous Notification.

***BUILDING SIZE IN SQ FT:** Provide the size of the structure in square feet. For structure [Demolition](#), the fee is based on the structure size. If the demolition is for a portion of the structure, the fee is based on the square footage of the portion being demolished. For refinery or chemical unit Demolition, the fee is based on the structure's footprint surface area.

REQUIRED BUILDING INFORMATION: Check a [YES](#) or [NO](#) answer for each question. **Asbestos Surveys performed by Certified Asbestos Consultants are required prior to all renovations and demolitions.** Asbestos must be removed [prior](#) to any activity that may disturb it and [prior](#) to **ALL** demolitions.

ASBESTOS AMOUNT TO BE REMOVED: Enter the asbestos amount in square feet in the boxes labeled [Friable, Class I, and Class II](#), and add the row to calculate the ***TOTAL AMOUNT** of asbestos to be removed. Fee varies according to the total asbestos amount to be removed. **To convert linear feet to square feet multiply the factor 3.14 times the pipe diameter times the pipe length, all in feet.**

ASBESTOS REMOVED FROM: Check [SURFACES](#), [PIPES](#) and/or [COMPONENTS](#) to indicate from where the asbestos is to be removed. **DESCRIBE TYPE(S) AND AMOUNT(S) OF ASBESTOS:** Enter the amount(s) in square feet under each type of material(s) to be removed. **ASBESTOS DETECTION PROCEDURES:** Check the methods and procedures used to determine whether asbestos was present at the facility. **CONTROLS:** Check Procedure Number or combination thereof to describe the asbestos work practices and engineering controls. **Procedure 1** is required for removing friable asbestos materials (i.e., acoustic, linoleum, stucco, etc.) **Procedure 2** is for small-scale, short duration jobs using glovebag or mini-enclosures. **Procedure 3** is for manual removal methods using adequate wetting with no power tools. **Procedures 4 and 5** require **prior** written SCAQMD approval. Refer to Rule 1403 for specific procedural requirements.

EMERGENCY REMOVAL: Give the name and phone number of the person authorizing the emergency. Explain the reason(s). For **DEMOLITIONS** state when and who removed the asbestos. Demolitions require **proof of prior** asbestos survey and removal, and the [Structure Size](#) to calculate the Notification fee. For partial demolitions provide the size of the area to be demolished in square feet.

CONTINGENCY PLAN: Check the actions to be followed if unexpected asbestos is found or nonfriable asbestos is rendered friable. **ORDERED DEMOLITIONS** require a copy of the government agency legal notice ordering the demolition. [Ordered Demolitions](#) require proof of prior asbestos survey, asbestos removal and disposal; and/or **prior written approval** from SCAQMD. See [Procedure 5 Plan Guideline](#).

WASTE TRANSPORT: Name the company(ies) transporting the asbestos and/or demolition waste to a landfill or any off-site storage.

WASTE STORAGE SITE. Provide the temporary storage site address if the waste is not going directly to a landfill.

LANDFILL: Name and address of the landfill where the asbestos and/or demolition waste will be sent. Demolition waste may be sent to a recycling center, transfer station or landfill.

CONTRACTOR CERTIFICATION: Use a "wet" signature to certify that contractor's workers have the required R1403(i)(3) and federal asbestos NESHAP training, and that the Notification information is complete and accurate. **Notifications must be signed by the contractor performing the work, or its authorized company representative.**

Keep three (3) copies of this Notification Form for your records, **to post at the worksite**, and to obtain a city demolition permit. See [California Health and Safety Code 19827.5](#) requiring that you provide a copy of this demolition Notification form to Building and Safety before issuance of a demolition permit. This law **does not** require proof of receipt or approval by SCAQMD. Mail the signed original Notification form, fee and any attachments to **SCAQMD, P.O. Box #55641, LOS ANGELES, CA 90074-5641**. Mailing saves time, money, gasoline, and reduces traffic, energy use and air pollution. Los Angeles City, Palm Springs Fire Department, and Cal-OSHA require a separate Notification. For questions call the asbestos **HOTLINE at 909-396-2336**.

Keep three (3) copies of this Notification Form for your records, **to post at the worksite**, and to obtain a city demolition permit. See [California Health and Safety Code 19827.5](#) requiring that you provide a copy of this demolition Notification form to Building and Safety before issuance of a demolition permit. This law **does not** require proof of receipt or approval by SCAQMD. Mail the signed original Notification form, fee and any attachments to **SCAQMD, P.O. Box #55641, LOS ANGELES, CA 90074-5641**. Mailing saves time, money, gasoline, and reduces traffic, energy use and air pollution. Los Angeles City, Palm Springs Fire Department, and Cal-OSHA require a separate Notification. For questions call the asbestos **HOTLINE at 909-396-2336**.

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[Notification Form](#), instructions, and [Rule 1403](#) can be found at <http://www.aqmd.gov/comply/asbestos/asbestos.html>

ASBESTOS/DEMOLITION RULE 1403 - GENERAL INFORMATION

SURVEY REQUIREMENT: Asbestos surveys are required **prior** to any renovation or demolition. Asbestos must be removed **prior** to renovation activities that may disturb the asbestos containing materials. **All** asbestos must be removed prior to structure demolition.

NOTIFICATION REQUIREMENTS: Postmark Notifications **10 work days prior** to starting any asbestos removal of 100 square feet or greater or **any** demolition. Notifications shall be filled, signed, paid, submitted and email/mailed by the contractor performing the removal and/or demolition job. Notifications without signature(s) require a revision. Renovations without asbestos do not require Notification.

FEE REQUIREMENT: [Rule 301\(o\)](#) requires all Notifications to be submitted with appropriate fees. Fees are per Notification and are not refundable. Notifications submitted without appropriate fees may be returned, deemed incomplete, and referred to the compliance unit for follow-up. Projects conducted without a valid Notification are subject to local and federal enforcement. Cancellation of Notifications and asbestos removal projects less than 100 square feet are exempt from fees - other requirements may apply.

REVISIONS TO THE NOTIFICATION: Update the Notifications as necessary and explain the reason for the revision. For Revision Amount Notifications state the amount in the previous Notification. The Revision Amount fee is the difference between the new Project Size Fee category and the Original Project Size Fee category. Revisions increasing the asbestos amount or demolition size but remaining in the same amount/size category stated in a previous Notification(s) requires only a revision fee. Increase in amount/size category requires a revision fee and a fee for the difference in amount between the new Project Size Fee Category and the original Project Size category. Fees are per Notification and multiple service charge fees may apply. **Notifications expire on the project schedule End Date and cannot be revised after the expired End Date.**

EMAIL REQUIREMENT: **All Revisions, Emergencies, Ordered Demolitions, Procedure 4 & 5 Plans, and Cancellations require initial emailing to Rule1403Notifications@aqmd.gov** and mailing the original Notification and fee within 48 hours of sending this email. Emailed Notifications do not replace the Original signed Notification required by local and federal law.

MAILING REQUIREMENT: Postmark/Mail the Notification and fee to **SCAQMD, P.O. Box #55641, LOS ANGELES, CA 90074-5641**. Mailing saves time, money and reduces traffic and air pollution. Cancellations do not require mail follow-up.

EMERGENCY NOTIFICATIONS An **Emergency Notification** is to expedite asbestos removals due to a Sudden Unexpected Event (like flood, earthquake, fire, etc.) that leads to unsafe conditions, breakdowns, and/or site contamination. All **Emergency Notifications require a formal letter from the person affected confirming, or agency authorizing, the emergency.** For emergency site de-contamination to clean-up disturbed asbestos, email a Procedure 5 Plan for **prior** written SCAQMD approval.

DEMOLITIONS require 4 **PRIOR** steps **1-Asbestos Survey, 2-Asbestos Removal, 3-SCAQMD Notification, and 4-Building & Safety demolition permit.**

ALL demolitions require a Notification by the contractor/operator performing the demolition. Demolitions without prior asbestos removal require **prior written approval** from SCAQMD (See [Procedure 5 Plan Guideline](#)). Demolition is defined as the wrecking or taking out of a load-supporting structural member of a facility or the intentional burning of a structure. Dismantling of partitions and installation of windows and doors through load-supporting walls without asbestos is exempt from Notification.

FIRE TRAINING DEMOLITION: Training burns require the 4 PRIOR steps listed above plus 2 more steps:

Notification to SCAQMD at 800-442-4847 the day prior to burning, and **Step 6**-perform the training burn on a burn day. Fire departments are responsible for obtaining and submitting to SCAQMD all documented proof that **all 6 steps** were followed, phoning SCAQMD the [Rule 444](#) Notification the day prior to the training burn, and coordinating with the demolition contractor to clean the site right after the training burn is completed.

ORDERED DEMOLITIONS: Email a copy of government agency legal notice ordering the demolition and/or Building and Safety "red tag"

RENOVATION is the removal, stripping, or altering of asbestos containing materials, and/or any activity involving the associated disturbance of asbestos in a facility. Renovations require an asbestos survey and asbestos removal prior to any activity that may disturb asbestos containing materials. Building remodeling or renovations without asbestos do not require Notification. See [Survey Requirements](#)

PROCEDURE 4/5 PLANS: Procedure 4 Plans are for dry removals. Procedure 5 Plans are required for cleaning asbestos disturbances, site decontaminations, excavations, and demolitions with asbestos. These plans **require prior** evaluation and approval by SCAQMD. To obtain approval email the survey report, the plan, and the Notification to 909-396-3342 attention Asbestos Supervisor. **For after-hours emergencies**, send email, then leave a message at 1-800-CUTSMOG requesting review by asbestos supervisor. Within 48 hrs of Plan **approval**, postmark the hard copies of the plan, Notification, and fees. For **Demolitions** without prior asbestos removal submit a Procedure 5 Plan for **prior written SCAQMD approval**.

PLANNED RENOVATION NOTIFICATIONS (PRN): There are two types of **PRN** - *Nonscheduled Asbestos Removals* (aka *Annual Notification postmarked by each December 17*) are individual projects of less than 100 sq ft, that when you add all these projects together performed during a calendar year, the combined amount of asbestos to be removed from a facility exceeds the removal threshold limit (100 sq. ft.) during a calendar year. The second PRN type is to notify for a series of *Scheduled Asbestos Removals* projects within a large facility, where each project is greater than 100 sq ft. These Notifications require an attachment listing each individual project planned within the facility detailing the work locations/areas/structures involved including its sizes, floors, ages and uses, the amounts and types of asbestos at each location/area/structure, each project scheduled dates and asbestos types and amounts. Any project schedule change requires a Revision. Any individual removal job (whether it is scheduled or nonscheduled) greater than 100 sq ft requires an individual Notification. All Rule 1403 requirements apply regardless of the size of the asbestos removal project.

Keep three (3) copies of this Notification Form for your records, **to post at the worksite**, and to obtain a city demolition permit. See [California Health and Safety Code 19827.5](#) requiring that you provide a copy of this demolition Notification form to Building and Safety before issuance of a demolition permit. This law **does not** require proof of receipt or approval by SCAQMD. Mail the signed original Notification form, fee and any attachments to **SCAQMD, P.O. Box #55641, LOS ANGELES, CA 90074-5641**. Mailing saves time, money, gasoline, and reduces traffic, energy use and air pollution. Los Angeles City, Palm Springs Fire Department, and Cal-OSHA require a separate Notification. For questions call the asbestos **HOTLINE at 909-396-2336**.

[Notification Form](#), instructions, and [Rule 1403](#) can be found at <http://www.aqmd.gov/comply/asbestos/asbestos.html>

**South Coast Air Quality Management District**21865 Copley Drive, Diamond Bar, CA 91765-4182
Phone: (909)396-2336 (www.aqmd.gov)**Rule 1403 Form Notification of Demolition or Asbestos Removal****USPS-Mail Form and Fee To:**SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641**All Others-Mail Form and Fee To:**Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065¹ Fax these type of Notification Forms to (909)396-3342 and mail the originals within 48 hrs

Project Type	DEMOLITION (Fire Training)	DEMOLITION (Renovation)	ASBESTOS REMOVAL (Renovation)	PLANNED RENO (Annual)	¹ PROCEDURE 4 PLAN	¹ PROCEDURE 5 PLAN	Project Urgency	EMERGENCY	ORDERED
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Notification Type	ORIGINAL	¹ CANCELLATION	¹ REVISION AMOUNT	¹ REVISION DATES	¹ REVISION OTHER
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Contractor Information: Notifications should be submitted by the contractor performing the project

CSLB License _____	Cal. OSHA REG _____	AQMD ID _____	CHECK _____	FEE _____	DATE _____	PROJECT # _____
Company Name _____			List Site Supervisor(s) _____			Phone _____
Address _____						
City _____		State _____	Zip _____			
Completed by _____			Phone _____			

Site Information: Copies of this notification and the CAC asbestos survey report must be kept at the worksite during this project

Site Name _____

Site Address _____ Cross Street _____

Site City _____ State _____ Zip _____ County _____

Site Owner _____ Contact _____ Phone _____

Owner Address _____ City _____ State _____ Zip _____

Describe Work _____

Describe Work Location (s) _____

Project Work Shift Day Swing Night

² Number of Floors _____ Building Age (Years) _____ Number of Buildings or Dwelling Units _____

Building Prior/ Present Use SCHOOL HOSPITAL CONDO/APT PUBLIC BLDG. INDUSTRIAL COMMERCIAL OFFICE UNI/COLLEGE HOUSE SHIP OTHER

Required Building Information ASBESTOS SURVEY? YES NO ASBESTOS FOUND? YES NO ASBESTOS REMOVED? YES NO BUILDING TO BE DEMOLISHED? YES NO

Asbestos Information: Do not provide this information in demolition notifications, see pg 2

Amount of Each Type of Asbestos in sq ft	ACOUSTIC CEILING	FRIABLE LINOLEUM	INSULATION	CLASS I FIRE PROOFING	DUCTING	CLASS II STUCCO	² TOTAL AMOUNT MASTIC	FLOOR TILES (VAT)
	DRYWALL	PLASTER	TRANSITE	ROOFING	OTHER	PLEASE DESCRIBE OTHER TYPE OF ASBESTOS: _____		

Asbestos Removal From SURFACES PIPES COMPONENTS

Asbestos Detection Procedures: Check the procedures and analytical methods used to determine the presence of asbestos in the building. See [Survey Checklist](#)

SURVEY BULK SAMPLING INSPECTION CAC ASSUMED AS ASBESTOS-PACM PLM PCM TEM

Controls: Check the combination of Rule 1403 procedures used to control asbestos emissions. (Procedure 4 and 5 submit plans for AQMD prior approval)

PROCEDURE NUMBER 1 2 3 4 5

Emergency Asbestos Removal: Check the sudden unexpected event and attach a letter from the person affected by the emergency explaining how this event caused unsafe conditions, equipment damage or unreasonable financial burden. For disturbed/damaged asbestos materials see [Procedure 5 Guidelines](#).

FIRE FLOOD WATER DAMAGE EARTHQUAKE NUISANCE VANDALISM HEALTH/SAFETY FINANCIAL BURDEN EQUIPMENT DAMAGE OTHER

Name of Person Declaring/ Authorizing the Emergency _____ Phone _____ Date of Emergency _____ Hour of Emergency _____

AQMD USE ONLY:	SCREENED BY	RECEIVED	POSTMARKED	ENTERED BY	NOTIFICATION #
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² Fees are per Notification and vary according to the ²TOTAL AMOUNT of asbestos removed or the demolition ²BUILDING

**South Coast Air Quality Management District**21865 Copley Drive, Diamond Bar, CA 91765-4182
Phone: (909)396-2336 (www.aqmd.gov)**Rule 1403 Form Notification of Demolition or Asbestos Removal**

USPS-Mail Form and Fee To:

SCAQMD
PO Box 55641
Los Angeles, CA 90074-5641

All Others-Mail Form and Fee To:

Bank of America Lockbox Services
Lockbox # 55641
2706 Media Center Drive
Los Angeles, CA 90065**Demolition Information:** All asbestos containing materials must be removed *prior* to any demolition activity

Asbestos Removal Company Name _____ Date of Asbestos Removal _____

Check work practices to prevent, suppress and contain dust, and dust controls to be use at the demolition site

SPRAY WATER EXIT GRATES TARP TRUCKS/BINS FENCE SCREENS STONE TRUCK PADS TIRE WASHING SOIL STABILIZERS OTHER _____

Contingency Demolition Plan: Check actions to be followed if unexpected asbestos is found during demolition or asbestos material becomes disturbed, crumbled, pulverized or reduced to powder. Disturbed/Damaged ACM requires a Procedure 5 Plan Approval prior to clean-up (See [Procedure 5 Guidelines](#))

STOP WORK NOTIFY OWNER SECURE STABILIZE POST SIGNS ISOLATE WORK AREA SURVEY CHARACTERIZE WASTE OTHER _____

Ordered Demolition: Attach a copy of the agency orderAgency Name _____ Phone _____ Date of Order _____
Authorizing Person _____ Title _____ Date Ordered to Begin _____**Waste Information**

WASTE TRANSPORTER #1 _____	WASTE STORAGE SITE _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____
WASTE TRANSPORTER #2 _____	LANDFILL _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____

Contractor Certification: All contractors or owner/operator submitting this notification must sign this formI certify that an individual trained in the provisions of regulations AQMD [Rule 1403](#) and the [Asbestos NESHAP Title 40 CFR Part 61 Subpart M](#) will be on site during the demolition or renovation and evidence that the required training has been accomplished by this person will be available for inspection during normal business hours. I hereby certify that all of the information contained herein and information submitted with this notification is true and correct.Company Name _____ Title of Owner/Operator _____
Print Name of Owner/Operator _____ Signature of Owner/Operator _____ Date _____**Notification Fee:** No notifications shall be considered received pursuant to [Rule 1403](#), unless it is accompanied by the required payment ([Rule 301](#), Table VI). Please make check payable to "SCAQMD". Fees are per notification and vary according to the ²**TOTAL AMOUNT** of asbestos removed or the demolition ²**BUILDING SIZE**. The Revision Amount fee is the difference between the new Project Size Fee category and the original Project Size Fee category (See [Fee Information](#))

Project Size Fee: _____	Fee Based on Project Size (sq ft)	Additional Fees
Additional Fee: _____		
Total Fee Due: _____		

Attention**Keep Three (3) Copies of This Notification Form** for your records, **to post at the worksite**, and to obtain a city demolition permit. See [California Health and Safety Code 19827.5](#) that requires that you provide a copy of the demolition notification to Building and Safety before issuance of a demolition permit. For questions call 909-396-2336. Forms, instructions and [Rule 1403](#) can be obtained from the AQMD website at <http://www.aqmd.gov>. Please mail this signed original notification form, fee, and any attachments to: For USPS: SCAQMD, PO Box 55641, Los Angeles, CA 90074-5641; For ALL OTHER: Bank of America Lockbox Services, Lockbox # 55641, 2706 Media Center Drive, Los Angeles, CA 90065. Mailing saves time, money and reduces traffic and air pollution.**Project #** _____

(Adopted October 6, 1989)(Amended April 8, 1994)
(Amended November 3, 2006)(Amended October 5, 2007)

**RULE 1403. ASBESTOS EMISSIONS FROM DEMOLITION/RENOVATION
ACTIVITIES**

(a) Purpose

The purpose of this rule 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). The requirements for demolition and renovation activities include asbestos surveying, notification, ACM removal procedures and time schedules, ACM handling and clean-up procedures, and storage, disposal, and landfilling requirements for asbestos-containing waste materials (ACWM). All operators are required to maintain records, including waste shipment records, and are required to use appropriate warning labels, signs, and markings.

(b) Applicability

This rule, 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.

(c) Definitions

For the purpose of this rule, the following definitions shall apply:

- (1) ACTIVE WASTE DISPOSAL SITE is any disposal site that receives, or has received or processed ACWM within the preceding 365 calendar days.
- (2) ADEQUATELY WET is the condition of being sufficiently mixed or penetrated with amended water to prevent the release of particulates or visible emissions. The process by which an adequately wet condition is achieved is by using a dispenser or water hose with a nozzle that permits the use of a fine, low-pressure spray or mist.
- (3) AMENDED WATER is water to which a chemical wetting agent or surfactant has been added to improve penetration into ACM.
- (4) ASBESTOS is the asbestiform varieties of serpentine (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite (amosite), anthophyllite, actinolite or tremolite.

- (5) ASBESTOS-CONTAINING MATERIAL (ACM) is both friable asbestos-containing material or Class I nonfriable asbestos-containing material.
- (6) ASBESTOS-CONTAINING WASTE MATERIAL (ACWM) is any waste that contains commercial asbestos and that is generated by a source subject to the provisions of this rule. ACWM includes, but is not limited to, ACM which is friable, has become friable, or has a high probability of becoming friable, or has been subjected to sanding, grinding, cutting, or abrading, and the waste generated from its disturbance, such as asbestos waste from control devices, particulate asbestos material, asbestos slurries, bags or containers that previously contained asbestos, used asbestos-contaminated plastic sheeting and clothing, and clean-up equipment waste, such as cloth rags or mop heads.
- (7) ASBESTOS HAZARD EMERGENCY RESPONSE ACT (AHERA) is the act which legislates asbestos-related requirements for schools (40 CFR 763, Subpart E).
- (8) ASSOCIATED DISTURBANCE of ACM or Class II nonfriable ACM is any crumbling or pulverizing of ACM or Class II nonfriable ACM, or generation of uncontrolled visible debris from ACM or Class II nonfriable ACM.
- (9) CLASS I NONFRIABLE ASBESTOS-CONTAINING MATERIAL is material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), and that, when dry, can be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities. Actions which may cause material to be broken, crumbled, pulverized, or reduced to powder include physical wear and disturbance by mechanical force, such as, but not limited to, sanding, sandblasting, cutting or abrading, improper handling or removal or leaching of matrix binders. Class I nonfriable asbestos-containing material includes, but is not limited to, fractured or crushed asbestos cement products, transite materials, mastic, roofing felts, roofing tiles, cement water pipes and resilient floor covering.
- (10) CLASS II NONFRIABLE ASBESTOS-CONTAINING MATERIAL is all other material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), that is neither friable nor Class I nonfriable.

- (11) COMMERCIAL ASBESTOS is any material containing asbestos that is extracted from asbestos ore.
- (12) CUTTING is penetrating with a sharp-edged instrument and includes sawing, but does not include shearing, slicing, or punching.
- (13) DEMOLITION is 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.
- (14) EMERGENCY DEMOLITION is a demolition ordered by a governmental agency for the purpose of eliminating peril to the safety of persons, property or the environment resulting from hazards such as collapse, fire, crime, disease, or toxic contamination or other hazard as determined by the Executive Officer.
- (15) EMERGENCY RENOVATION is any renovation that was not planned and results from a sudden unexpected event that results in unsafe conditions. Such events include, but are not limited to, renovations necessitated by non-routine failures of equipment, earthquake or fire damage. An economic burden alone, without a sudden, unexpected event, does not give rise to conditions that meet this definition.
- (16) ENCAPSULATION is the treatment of ACM with a material that surrounds or embeds asbestos fibers in an adhesive matrix to prevent the release of fibers, as the encapsulant creates a membrane over the surface (bridging encapsulant) or penetrates the material and binds its components together (penetrating encapsulant).
- (17) ENCLOSED STORAGE AREA means a storage room, drum, roll-off container, other hard-sided container, or fenced area that is designed to be securely closed with a lock.
- (18) FACILITY is any institutional, commercial, public, industrial or residential structure, installation, building; any ship; and any active waste disposal site. A facility is subject to this rule regardless of its current use or function. For example, a facility destroyed by fire, explosion, or natural disaster, including any debris, remains subject to this rule's provisions.
- (19) FACILITY COMPONENT is any part of a facility including foundations and or utility/commodity pipelines; and equipment such as but not limited to heaters, boilers, HVAC, and motors.

- (20) **FRIABLE ASBESTOS-CONTAINING MATERIAL** is material containing more than one percent (1%) asbestos as determined by paragraph (h)(2), that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- (21) **GLOVEBAG** is a sealed compartment with attached inner gloves used for handling ACM. When properly installed and used, glove bags provide a small work area enclosure used for small-scale asbestos stripping operations. Information on glovebag installation, equipment, and supplies, and work practices is contained in the Occupational Safety and Health Administration's final rule on occupational exposure to asbestos (Appendix G to 29 CFR 1926.1101(g)).
- (22) **HIGH EFFICIENCY PARTICULATE AIR (HEPA) FILTER** is a filter capable of trapping and retaining at least 99.97 percent of all monodispersed particles of 0.3 micrometer in diameter or larger.
- (23) **INSTALLATION** is any building or structure or any group of buildings or structures at a single demolition or renovation site that are under the control of the same owner or operator (or owner or operator under central control).
- (24) **ISOLATED WORK AREA** is the immediate enclosed containment area in which the asbestos abatement activity takes place.
- (25) **LEAK-TIGHT** is the condition whereby any contained solids or liquids are prevented from escaping or spilling out.
- (26) **LOCKED** means rendered securely closed and able to be opened only with a key or access code.
- (27) **NONSCHEDULED RENOVATION OPERATION** is a renovation operation necessitated by the routine failure of equipment, which is expected to occur within a given calendar year based on past operating experience, but for which an exact date cannot be predicted.
- (28) **OUTSIDE AIR** is air outside of the facility or outside of the isolated work area.
- (29) **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.
- (30) **PERSON** is any individual, firm, association, organization, partnership, business, trust, corporation, company, contractor, supplier, installer, user

or owner, or any state or local government agency or public district or any other officer or employee thereof. PERSON also means the United States or its agencies to the extent authorized by Federal law.

- (31) **PLANNED RENOVATION** is a renovation operation, or a number of such operations, in which the amount of ACM that will be removed or stripped within a given period of time can be predicted. Individual nonscheduled renovation operations are included if a number of such operations can be predicted to occur during a given period of time based on operating experience.
- (32) **PROJECT** is any renovation or demolition activity, including site preparation and clean-up activity.
- (33) **REMOVAL** is the taking out of ACM or facility components that contain or are covered with ACM from any facility.
- (34) **RENOVATION** is 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 ACM 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.
- (35) **RESIDENTIAL SINGLE UNIT DWELLING** is a structure that contains only one residential unit. Apartment buildings, townhouses, and condominiums are not residential single unit dwellings.
- (36) **RESILIENT FLOOR COVERING** is asbestos-containing floor tile, including asphalt and vinyl floor tile, and sheet vinyl floor covering containing more than one percent (1%) asbestos as determined by paragraph (h)(2).
- (37) **STRIPPING** is the taking off of ACM from any part of a facility or facility component.
- (38) **STRUCTURAL MEMBER** is any load-supporting member of a facility, such as beams and load-supporting walls; or any nonload-supporting member, such as ceilings and nonload-supporting walls.
- (39) **WASTE GENERATOR** is any person who owns or operates a source subject to the provisions of this rule according to subdivision (b), and whose act or process produces ACWM.
- (40) **WASTE SHIPMENT RECORD** is the shipping document, required to be originated and signed by the waste generator, used to track and

substantiate the disposition of ACWM as specified by the provisions of subdivision (f).

(41) WORKING DAY is Monday through Friday and includes holidays that fall on any of the days Monday through Friday.

(d) Requirements

A person subject to this rule shall prevent emissions of asbestos to the outside air by complying with the following requirements:

(1) Demolition and Renovation Activities

The owner or operator of any demolition or renovation activity shall comply with the following requirements:

(A) Facility Survey

(i) The affected facility or facility components shall be thoroughly surveyed for the presence of asbestos prior to any demolition or renovation activity. The survey shall include the inspection, identification, and quantification of all friable, and Class I and Class II non-friable asbestos-containing material, and any physical sampling of materials.

(ii) A thorough survey shall include, at a minimum, identification of all affected materials at the facility, including but not limited to all layers of flooring materials to the joist level, and all material in the wall or ceiling cavities as necessary to identify and sample them.

(iii) The survey shall be documented with the following information:

(I) The name, address, and telephone number of the person who conducted the survey;

(II) A written statement of the qualifications of the person who conducted the survey, demonstrating compliance with clause (d)(1)(A)(iv);

(III) The dates the survey was conducted;

(IV) A listing of all suspected materials containing any asbestos, a listing of all samples collected, and a sketch of where the samples were taken;

- (V) The name, address, and telephone number of any laboratory used to conduct analyses of materials for asbestos content;
 - (VI) A statement of qualification of the laboratory which conducted the analyses, demonstrating compliance with paragraph (h)(2);
 - (VII) A list of the test methods used, demonstrating compliance with subdivision (h), including sampling protocols and laboratory methods of analysis, test data, and any other information used to identify or quantify any materials containing asbestos; and
 - (VIII) A general description of the condition of the facility, including but not limited to a description of any obvious fire or structural damage.
- (iv) Persons conducting asbestos surveys in accordance with subparagraph (d)(1)(A) shall be certified by Cal/OSHA pursuant to regulations required by subdivision (b) of Section 9021.5 of the Labor Code, and shall have taken and passed an EPA-approved Building Inspector Course and conform to the procedures outlined in the Course.

(B) Notification

The District shall be notified of the intent to conduct any demolition or renovation activity. Notifications shall be submitted in a District-approved format which may include but not be limited to U.S. mail, telephone, facsimile, digital, internet, and e-mail. Telephone, facsimile, digital, and e-mail notifications shall be confirmed with follow-up written notifications to the District postmarked or delivered to the District within 48 hours from submitting the telephone, facsimile, digital, or e-mail notification. No notification shall be considered received unless it is accompanied by the required fee pursuant to Rule 301, as part of the required written notification. Notifications shall be provided in accordance with the following requirements:

- (i) Time Schedule
 - (I) Demolition or Renovation Activities

The notification shall be submitted to the District no later than 10 working days before any demolition or renovation activities other than emergency demolition, emergency renovation, or planned renovations involving individual nonscheduled renovation operations begin.

(II) **Planned Renovation - Annual Notification**

The District shall be notified by December 17 of the year preceding the calendar year for which notice is being given for planned renovation activities which involve individual nonscheduled renovation operations.

(III) **Emergency Demolition or Renovation**

The District shall be notified as soon as possible, but prior to any emergency demolition or renovation activity.

(ii) **Notification Required Information**

All notifications shall include the following information:

- (I) An indication of whether the notice is the original or a revised notification;
- (II) Name, address and telephone number of both the owner and operator of the facility, supervising person, and the asbestos removal contractor, owner or operator;
- (III) Address and location of the facility to be demolished or renovated and the type of operation: demolition or renovation;
- (IV) Description of the facility or affected part of the facility to be demolished or renovated including the size (square meters or square feet and number of floors), age, and present or prior uses of the facility;
- (V) The specific location of each renovation or demolition at the facility and a description of the facility components or structural members contributing to the ACM to be removed or stripped from the facility;

- (VI) Scheduled project starting and completion dates of demolition or renovation. Notifications shall also include the ACM removal starting and completion dates for demolition or renovation; planned renovation activities involving individual nonscheduled renovation operations need only include the beginning and ending dates of the report period as described in subclause (d)(1)(B)(i)(II);
- (VII) Brief description of work practices and engineering controls to be used to comply with this rule, including asbestos removal and waste handling emission control procedures;
- (VIII) A separate estimate for each of the amounts of friable, Class I, and Class II nonfriable asbestos-containing material to be removed from the facility in terms of length of pipe in linear feet, surface area in square feet on other facility components, or volume in cubic feet if off the facility components. The total as equivalent surface area in square feet shall also be reported;
- (IX) Name and location of waste disposal site where ACWM will be deposited.
- (X) Description of steps to be followed in the event that unexpected ACM is found or Class II nonfriable asbestos-containing material becomes crumbled, pulverized, or reduced to powder;
- (XI) California State Contractors License Certification number;
- (XII) Cal/OSHA Registration number;
- (XIII) Name and location address of off-site storage area for ACWM;
- (XIV) Name, address, and telephone number of transporters used to transport ACWM off-site;
- (XV) Procedures, including analytical methods, used to detect the presence of friable and nonfriable asbestos-containing material; and

- (XVI) Signed certification that at least one person trained as required in subparagraph (d)(1)(G) will supervise the stripping and removal described by this notification.
- (iii) Emergency Demolition Additional Information
Notification of all emergency demolition activities shall include the following additional information
 - (I) The agency, name, title, telephone number and authority of the representative who ordered the emergency demolition; and
 - (II) A copy of the order, and the date on which the demolition was ordered to begin.
- (iv) Emergency Renovation Additional Information
Notification of all emergency renovation activities shall include the following additional information:
 - (I) The name and phone number of the responsible manager or authorized person who is in charge of the emergency renovation;
 - (II) The date and hour that the emergency occurred;
 - (III) A description of the sudden, unexpected event;
 - (IV) An explanation of how the event caused an unsafe condition, or would cause equipment damage or an unreasonable financial burden; and.
 - (V) A signed letter from the person directly affected by the emergency, such as the property owner or property manager, attesting to the circumstances of the emergency.
- (v) Notification Updates
All notifications shall be updated when any of the following conditions arise:
 - (I) Change in Quantity of Asbestos
A change in the quantity of affected asbestos of 20 percent or more from the notified amount shall be reported to the District as soon as the information becomes available, but not later than the project end

date, unless otherwise specified in an approved Procedure 5.

(II) Later Starting Date

A delay in the starting date of any demolition or renovation activity shall be reported to the District as soon as the information becomes available, but no later than the original start date.

(III) Earlier Starting Date

A change in the starting date of any demolition or renovation activity to an earlier starting date shall be reported to the District no later than 10 working days before any demolition or renovation activities begin.

(IV) Completion Date Change

Changes in the completion date shall be reported to the District at least 2 calendar days before the original scheduled completion date. In the event renovations or demolitions are not completed, are delayed or are completed ahead of schedule, the District shall be notified as soon as possible, but no later than the following business day.

(V) Planned Renovation Progress Report

Notifications for on-going planned renovation operations in which the scheduled starting and completions dates are more than 1 year apart shall be updated, every year of the operation by December 17, unless the most recent written notification update was postmarked or delivered after October 1 of that year and include the amount of ACM removed and the amount of ACM remaining to be removed.

(C) Asbestos Removal Schedule

Material containing asbestos shall be removed from a facility according to the following schedule:

(i) Burning Demolitions

All ACM and Class II asbestos-containing material shall be removed from a facility prior to any demolition by intentional burning. All demolition by intentional burning shall be performed in accordance with Rule 444 – Open Burning.

- (ii) Renovations and Non-Burning Demolitions
 - (I) All ACM shall be removed from a facility being demolished or renovated before any non-burning demolition or renovation activity begins that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.
 - (II) ACM not accessible for testing or not discovered until after the renovation or demolition activities begin may be removed after the start of the renovation or non-burning demolition activities, pursuant to the appropriate procedure in subparagraph (d)(1)(D).
 - (III) Notwithstanding the above, asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products which are not friable and are not crumbled, cut, abraded, or otherwise not damaged and in good condition, may be removed after the start of renovation or non-burning demolition activities if prior approval from the District is obtained (Procedure 5).
 - (IV) If the renovation or demolition activity involves any mechanical force such as, but not limited to, sanding, sandblasting, cutting, or abrading and thus would render the materials friable, they must be removed prior to the renovation or demolition.
 - (V) If for any reason, any renovation or demolition results in an associated disturbance of ACM or Class II nonfriable ACM outside of a containment or work area then, prior to continuing with any renovation or demolition activity, the

owner/operator shall secure, stabilize and survey the affected facility areas and submit and obtain an approved Procedure 5 plan, prior to any asbestos clean-up.

(D) Removal Procedures

(i) One or more of the following procedures shall be used when removing or stripping ACM:

(I) Procedure 1 - HEPA Filtration

Remove ACM within an isolated work area. The following techniques shall be used during Procedure 1 ACM removal activities:

- (1) All stationary objects and surfaces not intended for removal or stripping of ACM shall be covered with plastic sheeting;
- (2) All air passageways, such as doors, windows, vents and registers in the work area, shall be covered and rendered air tight with plastic sheeting or hard wooden barriers with studded support. Air passageways used to provide makeup air for the isolated work space need not be covered;
- (3) All sources of air movement, including the air-handling system, shall be shut off or temporarily modified to restrict air movement into the work zone;
- (4) The barriers used for the construction of the isolated work area shall be equipped with transparent viewing ports which allow outside observation of all stripping and removal of ACM;
- (5) The isolated work area shall be vented, with negative air pressure to a HEPA filtration system, which shall be operated continuously from the commencement of removal activities through the final clean-up of the work area;

- (6) The HEPA filter shall be free of tears, fractures, holes or other types of damage and shall be securely latched and properly situated in the holding frame to prevent air leakage from the filtration system; and
 - (7) ACM shall be adequately wet during the removal process.
- (II) Procedure 2 - Glovebag
Remove by the glovebag method or miniencllosures designed and operated according to 29 CFR Section 1926.1101(g), Appendix G, and current Cal/OSHA requirements.
- (III) Procedure 3 - Adequate Wetting
Procedure 3 shall only be used to remove nonfriable asbestos-containing materials, using the following techniques:
 - (1) All exposed ACM shall be adequately wet during cutting or dismantling procedures.
 - (2) ACM shall be adequately wet while it is being removed from facility components and prior to its removal from the facility.
 - (3) Drop cloths and tenting shall be used to contain the work area to the extent feasible.
 - (4) Only non-power tools shall be used.
- (IV) Procedure 4 - Dry Removal
Obtain written approval from the Executive Officer's designee prior to using dry removal methods for the control of asbestos emissions when adequate wetting procedures in the renovation work area would unavoidably damage equipment or present a safety hazard. Dry removal methods may include one or more of the following:
 - (1) Use of a HEPA filtration system, operated in accordance with subclause (d)(1)(D)(i)(I), within an isolated work area;

- (2) Use of a glovebag system, operated in accordance with subclause (d)(1)(D)(i)(II); or
 - (3) Use of leak-tight wrapping or an approved alternative, to contain all ACM removed in units or sections prior to dismantlement.
 - (V) Procedure 5 - Approved Alternative
 - (1) Use an alternative combination of techniques and/or engineering controls. Written approval from the Executive Officer or his designee shall be obtained prior to the use of a Procedure 5 Approved Alternative.
 - (2) The Executive Officer may pre-approve specific combinations of techniques and/or engineering controls in writing, which may be used by any person as a Procedure 5 Approved Alternative, subject to such conditions and limitations as required by the Executive Officer.
 - (3) No person shall use a Procedure 5 Approved Alternative without complying with all of the conditions and limitations set forth therein.
 - (ii) Specific procedure requirements
 - (I) No person shall remove or strip ACM or Class II nonfriable ACM that has suffered damage from fire, explosion, or natural disaster without the use of a Procedure 5 Approved Alternative.
- (E) Handling Operations

All ACWM shall be collected and placed in transparent, leak-tight containers or wrapping. The following techniques shall be used.

 - (i) ACM shall be carefully lowered to the ground or a lower floor without dropping, throwing, sliding, or otherwise damaging or disturbing the ACM;

- (ii) ACM which has been removed or stripped more than 50 feet above ground level and was not removed as units or in sections shall be transported to the ground via leak-tight chutes or containers;
- (iii) ACWM shall be collected, and sealed in leak-tight containers. ACWM shall be adequately wet prior to and during collection and packaging. Alternatively, areas of Class I nonfriable asbestos-containing material which have become friable or have been subjected to sanding, grinding, cutting, or abrading, may be sealed via encapsulation; and
- (iv) 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, prior to the dismantling of plastic barriers or sealed openings within the work area.

(F) Freezing Temperature Conditions

When the temperature at the point of wetting is below 0°C (32°F), the wetting provisions of subparagraph (d)(1)(D) shall be superseded by the following requirements:

- (i) Facility components containing, coated with, or covered with ACM shall be removed as units or in sections to the maximum extent possible; and
- (ii) The temperature in the area containing the facility components shall be recorded at the beginning, middle, and end of each workday during periods when wetting operations are suspended due to freezing temperatures. Daily temperature records shall be available for inspection by the District during normal business hours at the demolition or renovation site. Records shall be retained for at least 2 years.

(G) On-Site Representative

At least one on-site representative, such as a foreman, manager, or other authorized representative, trained in accordance with the provisions of paragraphs (i)(1) and (i)(3), shall be present during the stripping, removing, handling, or disturbing of ACM. Evidence that the required training has been completed shall be

posted at the demolition or renovation site and made available for inspection by the Executive Officer's designee.

(H) On-Site Proof

The following shall be maintained 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).

Proof shall be consistent with the most recently updated information submitted in the notification.

(I) On-Site Storage

No ACWM shall be stored on-site except in a leak-tight container. When leak-tight containers are not in use, they shall be kept inside an enclosed storage area. The enclosed storage area shall not be accessible to the general public and shall be locked when not in use.

(J) Disposal

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

(K) Container Labeling

Leak-tight containers which contain ACWM shall be labeled as specified in subdivision (e).

(L) Transportation Vehicle Marking

Vehicles used to transport ACWM shall be marked, as specified in subdivision (e), during the loading and unloading of ACWM.

(M) Waste Shipment Records

Waste Shipment Records shall be prepared and handled in accordance with the provisions of paragraph (f)(1).

(N) Recordkeeping

Records shall be kept as specified in subdivision (g).

(2) ACWM Storage Facilities

The owner or operator of any ACWM storage facility shall comply with the following requirements:

- (A) Maintenance and Handling
 - (i) ACWM shall be stored in leak-tight containers;
 - (ii) All leak-tight containers shall be labeled as specified in paragraph (e)(1); and
 - (iii) ACWM shall be stored in an enclosed locked area.
 - (B) Transportation Vehicle Marking

Vehicles used to transport ACWM shall be marked, as specified in paragraph (e)(3), during the loading and unloading of ACWM.
 - (C) Waste Shipment Records

Waste Shipment Records shall be handled in accordance with the provisions of paragraph (f)(2).
 - (D) Recordkeeping

Records shall be maintained as specified in paragraph (g)(2).
- (3) Active Waste Disposal Sites
- The owner or operator of any waste disposal site where ACWM is being deposited shall comply with the following requirements:
- (A) Maintenance and Handling
 - (i) ACWM shall be in leak-tight containers;
 - (ii) Warning signs, as specified in paragraph (e)(2), shall be displayed at all entrances and at intervals of 330 feet or less along the property line of the site or along the perimeter of the sections of the site where ACWM is being deposited;
 - (iii) Access to the general public shall be deterred by maintaining a fence along the perimeter of the site or by using a natural barrier;
 - (iv) All ACWM shall be maintained in a separate disposal section;
 - (v) ACWM deposited at the site shall be covered with at least six (6) inches of nonasbestos-containing material at the end of normal business hours. The waste shall be compacted only after it has been completely covered with nonasbestos-containing material. A low pressure water spray or nontoxic dust suppressing chemical shall be used for any surface wetting after compaction; and
 - (vi) ACWM shall be covered with a minimum of an additional thirty (30) inches of compacted nonasbestos-containing

material prior to final closure of the waste disposal site, and shall be maintained to prevent exposure of the ACWM.

- (B) Transportation Vehicle Marking
Vehicles used to transport ACWM shall be marked, as specified in paragraph (e)(3), during the loading and unloading of ACWM.
- (C) Waste Shipment Records
Waste Shipment Records shall be handled in accordance with the provisions of paragraph (f)(2).
- (D) Recordkeeping
Records shall be maintained as specified in paragraph (g)(3).

(e) Warning Labels, Signs, and Markings
Warning labels, signs, and markings shall be used to identify asbestos related health hazards and comply with the following requirements:

- (1) Leak-Tight Containers
Leak tight containers shall be labeled according to the following requirements:
 - (A) Warning labels for leak-tight containers and wrapping shall have letters of sufficient size and contrast as to be readily visible and legible, and shall contain the following information, or as specified by Occupational Safety and Health Standards of the Department of Labor, Occupational Safety and Health Administration (OSHA) under 29 CFR 1910.1001(j)(2) or 1926.58(k)(2)(iii), or current Cal/OSHA requirements:

CAUTION
Contains Asbestos Fibers
Avoid Opening or Breaking Container
Breathing Asbestos is Hazardous to Your Health
or
DANGER
CONTAINS ASBESTOS FIBERS
AVOID CREATING DUST
CANCER AND LUNG DISEASE HAZARD

- (B) Leak-tight containers that are transported off-site shall be labeled with the name of the waste generator and the location at which the

waste was generated. The location description shall include the street address.

(2) Active Waste Disposal Sites

No person shall operate an active waste disposal site unless warning signs are conspicuously posted and meet the following:

- (A) Are displayed in such a manner and location that a person can easily read the legend;
- (B) Conform to the requirements for 51 cm x 36 cm (20 inch x 14 inch) upright format signs specified in 29 CFR 1910.145 (d)(4) and this paragraph;
- (C) Display the following legend in the lower panel with letter sizes and styles of a visibility at least equal to those specified in this subparagraph:

Legend	Notation
Asbestos Waste Disposal Site	2.5 cm (1 inch) Sans Serif, Gothic or Block
Do Not Create Dust	1.9 cm (3/4 inch) Sans Serif, Gothic or Block
Breathing Asbestos is Hazardous to Your Health	14 Point Gothic

; and

- (D) Have spacing between any two lines at least equal to the height of the upper of the two lines.

(3) Transportation Vehicles

Markings for transportation vehicles shall:

- (A) Be displayed in such a manner and location that a person can easily read the legend;
- (B) Conform to the requirements for 51 cm x 36 cm (20 inch x 14 inch) upright format signs specified in 29 CFR 1910.145 (d)(4) and this paragraph; and
- (C) Display the following legend in the lower panel with letter sizes and styles of a visibility at least equal to those specified in this paragraph:

Legend	Notation
DANGER	2.5 cm (1 inch) Sans Serif, Gothic or Block
ASBESTOS DUST HAZARD	2.5 cm (1 inch) Sans Serif, Gothic or Block
CANCER AND LUNG DISEASE HAZARD	1.9 cm (3/4 inch) Sans Serif, Gothic or Block
Authorized Personnel Only	14 Point Gothic

; and

- (D) Have spacing between any two lines at least equal to the height of the upper of the two lines.

(f) Waste Shipment Records

(1) Waste Generators

A waste generator shall comply with the following:

- (A) Waste shipment information shall include, but not be limited to, the following:
 - (i) The name, address, and telephone number of the waste generator;
 - (ii) The name, address, and telephone number of the South Coast Air Quality Management District;
 - (iii) The quantity of ACWM in cubic meters or cubic yards;
 - (iv) The name and telephone number of the disposal site owner and operator;
 - (v) The name and physical site location of the disposal site;
 - (vi) The date transported;
 - (vii) The name, address, and telephone number of the transporter; and
 - (viii) A signed certification that the contents of this consignment are fully and accurately described by proper shipping name and are classified, packed, marked, and labeled, and in proper condition for highway transport according to applicable federal, state, and local regulations.

- (B) A copy of the Waste Shipment Record shall be provided to the disposal site owner or operator at the same time the ACWM is delivered to the disposal site.
 - (C) If a copy of the Waste Shipment Record, signed by the owner or operator of the designated disposal site, is not received within 35 days of the date the ACWM was accepted by the initial transporter, the transporter and/or the owner or operator of the designated disposal site shall be contacted to determine the status of the waste shipment.
 - (D) If a copy of the Waste Shipment Record, signed by the owner or operator of the designated disposal site, is not received within 45 days of the date the ACWM was accepted by the initial transporter, a written report shall be submitted to the District and shall include the following:
 - (i) A copy of the Waste Shipment Record for which a confirmation of delivery was not received; and
 - (ii) A signed cover letter explaining the efforts taken to locate the ACWM shipment and the results of those efforts.
- (2) Storage and Active Waste Disposal Facilities
- The owner or operator of any storage facility or active waste disposal site shall comply with the following requirements:
- (A) Waste shipment information shall be filled out on the Waste Shipment Record forms provided by the waste generator, for all ACWM received from an off-site facility, and shall include, but not be limited to, the following:
 - (i) The name, address, and telephone number of the waste generator;
 - (ii) The name, address, and telephone number of the transporter;
 - (iii) The quantity of ACWM received in cubic meters or cubic yards; and
 - (iv) The date of receipt.
 - (B) No shipment of ACWM shall be received from an off-site facility unless it is accompanied with a completed Waste Shipment Record signed by the waste generator.

- (C) If there is a discrepancy between the quantity of ACWM designated in the Waste Shipment Record and the quantity actually received, and if the discrepancy cannot be resolved with the waste generator within 15 days of the date the ACWM was received, a written report shall be filed with the District. The report shall include the following:
 - (i) A copy of the Waste Shipment Record; and
 - (ii) A signed cover letter explaining the discrepancy, and the attempts to reconcile it.
 - (D) If any shipment of ACWM is not properly containerized, wrapped, or encapsulated, a written report shall be filed with the District. The report shall be postmarked or delivered within 48 hours after the shipment is received, or the following business day.
 - (E) A signed copy of the Waste Shipment Record shall be provided to the waste generator no later than 30 calendar days after the ACWM is delivered to the disposal site.
- (g) Recordkeeping
- (1) Demolition and Renovation Activities

The owner or operator of 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. A copy of the most recently updated written notification submitted in accordance with the provisions of this rule shall be maintained on-site;
 - (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 for the purposes of this rule; and
 - (F) A copy of all supervisors and workers training certificates and any annual reaccreditation records which demonstrate EPA-approved or state accreditation to perform asbestos-related work.

- (2) Storage Facilities
The owner or operator of any storage facility shall maintain a copy of all Waste Shipment Records on site for not less than three (3) years and make them available to the District upon request.
 - (3) Active Waste Disposal Sites
The owner or operator of an active waste disposal site shall maintain the following information on site for not less than three (3) years and make them available to the District upon request:
 - (A) A description of the active waste disposal site, including the specific location, depth and area, and quantity, in cubic meters or cubic yards, of ACWM within the disposal site on a map or diagram of the disposal area;
 - (B) A description of the methods used to comply with waste disposal requirements; and
 - (C) A copy of all Waste Shipment Records.
 - (4) In lieu of the requirements of paragraph (g)(1), the owner or operator of a renovation activity at any facility, in which less than 100 square feet of surface area of ACM on facility components is removed or stripped, may instead elect to maintain the following information for a period of not less than three (3) years, and make it available to the District upon request:
 - (A) A copy of all survey-related documents;
 - (B) Records containing an estimate of the amount of ACM removed or stripped at each renovation subject to this paragraph;
 - (C) Type of removal controls used for each renovation; and
 - (D) A copy of all Waste Shipment Records.
- (h) Sampling Protocols and Test Methods
- (1) Sampling of materials suspected to contain asbestos, to comply with this rule, shall be conducted following the provisions of 40 CFR Part 763.86.
 - (2) Analysis of materials for asbestos, to comply with this rule, shall be determined by using SCAQMD Method 300-91 as detailed in the District's *Laboratory Methods of Analysis for Enforcement Samples* manual, or by using the Method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy. Asbestos analyses performed to comply with this rule must be undertaken by laboratories accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

(i) Training Requirements

The owner or operator performing a demolition or renovation activity shall provide asbestos-related training as follows:

- (1) On-site supervisory personnel shall successfully complete the Asbestos Abatement Contractor/Supervisor course pursuant to the Asbestos Hazard Emergency Response Act (AHERA), and obtain and maintain accreditation as an AHERA Asbestos Abatement Contractor/Supervisor.
- (2) Workers shall successfully complete the Abatement Worker course pursuant to the AHERA.
- (3) Supervisory personnel and workers shall be trained on the provisions of this rule as well as on the provisions of 40 CFR Part 61.145, 61.146, 61.147 and 61.152 (Asbestos NESHAP provisions) and Part 763, and the means by which to comply with these provisions.

(j) Exemptions

- (1) The notification requirements of subparagraph (d)(1)(B) and the training requirements of subdivision (i) shall not apply to renovation activities, other than planned renovation activities which involve non-scheduled renovation operations, in which less than 100 square feet of surface area of ACM are removed or stripped.
- (2) The notification requirements of subparagraph (d)(1)(B) and the training requirements of subdivision (i) shall not apply to planned renovation activities which involve non-scheduled renovation operations, in which the total quantity of ACM to be removed or stripped within each calendar year of activity is less than 100 square feet of surface area.
- (3) Clauses (d)(1)(A)(iii)(V), (VI), and (VII) and subclause (d)(1)(B)(ii)(XV) shall not apply to the owner or operator of any renovation or demolition activity, when the suspected material is treated as ACM when being removed, stripped, collected, handled, and disposed of in accordance with the provisions of this rule.
- (4) The portion of clause (d)(1)(A)(iv) which requires Cal/OSHA certification shall not apply to persons performing work not subject to the certification requirement established by regulations pursuant to the Labor Code, Section 6501.5.
- (5) Subclause (d)(1)(B)(ii)(XI) and clause (d)(1)(H)(i), requiring a California State Contractors License Certification number, shall not apply to persons

performing work not subject to the certification requirement established pursuant to the Business and Professions Code, Section 7058.5.

- (6) Subclause (d)(1)(B)(ii)(XII) and clause (d)(1)(H)(ii), requiring Cal/OSHA registration, shall not apply to persons performing work not subject to the registration requirement established pursuant to the Labor Code, Section 6501.5
- (7) The provisions of subparagraph (f)(2)(E) shall not apply to storage facilities that do not meet the definition of an active waste disposal site as defined by paragraph (c)(1).
- (8) The handling requirements of phrases (d)(1)(D)(i)(I)(2), (d)(1)(D)(i)(I)(5), and (d)(1)(D)(i)(I)(6), the training requirements of paragraphs (i)(1) and (i)(2), the reporting of training certificate requirement of subclause (d)(1)(B)(ii)(XVI), and the on-site proof of training requirement of subparagraph (d)(1)(G) and subdivision (i) shall not apply to the exclusive removal of asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products which are not friable, have not become friable, and have not been subjected to sanding, grinding, cutting, or abrading.
- (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.
- (10) The survey requirements of subparagraph (d)(1)(A) shall not apply to renovation activities of residential single-unit dwellings in which less than 100 square feet of surface area of ACM are removed or stripped.