

SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT

Northern Region Office
 4800 Enterprise Way
 Modesto, CA 95356-8718
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 (San Joaquin, Stanislaus and Merced
 Counties)

Central Region Office
 1990 East Gettysburg Avenue
 Fresno, CA 93726-0244
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 (Fresno, Madera and Kings Counties)

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 34946 Flyover Court
 Bakersfield, CA 93308-9725
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ASBESTOS AIRBORNE TOXIC CONTROL MEASURE FOR CONSTRUCTION AND GRADING OPERATIONS

§ 93105, Title 17, California Code of Regulations

ASBESTOS DUST MITIGATION PLAN APPLICATION

1. Company and Project Information			
Company Name and Address		Project Location	
Name:		Location:	
Address:		Address:	
City/State:	Zip:	City/State:	Zip:
Contact:		Start Date:	
Phone:	Fax:	Estimated Completion Date:	

The following information is requested to assist in the evaluation of your Asbestos Dust Mitigation Plan. Omission of this information may result in a delay of the completion of the evaluation and approval of the plan. Please provide the information requested below; place a checkmark in front of each of the categories that applies.

2. Detailed Project Information		
<p>Type of Project: (Check all that applies)</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Road or Railway Construction <input type="checkbox"/> Road Maintenance <input type="checkbox"/> Housing Development <input type="checkbox"/> Commercial Property Development </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Trenching / Utilities Work <input type="checkbox"/> Other (please describe) _____ </td> </tr> </table>	<input type="checkbox"/> Road or Railway Construction <input type="checkbox"/> Road Maintenance <input type="checkbox"/> Housing Development <input type="checkbox"/> Commercial Property Development	<input type="checkbox"/> Trenching / Utilities Work <input type="checkbox"/> Other (please describe) _____
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3. Detailed Site Information			
<p>Areas and Facilities within a quarter mile (400 meters) of the Project: (Check all that applies)</p> <table style="width: 100%;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Rural </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> Hospital / Nursing Home <input type="checkbox"/> School <input type="checkbox"/> Park / Playground </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> Other (please describe) _____ </td> </tr> </table>	<input type="checkbox"/> Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Rural	<input type="checkbox"/> Hospital / Nursing Home <input type="checkbox"/> School <input type="checkbox"/> Park / Playground	<input type="checkbox"/> Other (please describe) _____
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4. Addition Information			
<p>The following information MUST be included:</p> <p>Map(s) clearly indicating:</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Property lines / boundaries <input type="checkbox"/> Rights of way / easements <input type="checkbox"/> Areas to be cleared or graded <input type="checkbox"/> Trenching areas <input type="checkbox"/> Excavation sites </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Storage areas / piles <input type="checkbox"/> Track-out control <input type="checkbox"/> Staging areas for removal <input type="checkbox"/> Truck routes <input type="checkbox"/> On-site parking lots </td> </tr> </table>	<input type="checkbox"/> Property lines / boundaries <input type="checkbox"/> Rights of way / easements <input type="checkbox"/> Areas to be cleared or graded <input type="checkbox"/> Trenching areas <input type="checkbox"/> Excavation sites	<input type="checkbox"/> Storage areas / piles <input type="checkbox"/> Track-out control <input type="checkbox"/> Staging areas for removal <input type="checkbox"/> Truck routes <input type="checkbox"/> On-site parking lots	<p>If available, please attach the following information:</p> <input type="checkbox"/> Geologic Information <input type="checkbox"/> Topographical Maps <input type="checkbox"/> Meteorological Data
<input type="checkbox"/> Property lines / boundaries <input type="checkbox"/> Rights of way / easements <input type="checkbox"/> Areas to be cleared or graded <input type="checkbox"/> Trenching areas <input type="checkbox"/> Excavation sites	<input type="checkbox"/> Storage areas / piles <input type="checkbox"/> Track-out control <input type="checkbox"/> Staging areas for removal <input type="checkbox"/> Truck routes <input type="checkbox"/> On-site parking lots		

CONSTRUCTION AND GRADING OPERATIONS CHECKLIST FOR PROJECTS GREATER THAN AN ACRE

ELEMENTS THAT MUST BE INCLUDED:

Each of the following sources of dust emissions **MUST** be addressed in the Asbestos Dust Mitigation Plan: **(Note: Projects over 5 acres may also require a Dust Control Plan (DCP) as required by San Joaquin Valley Air Pollution Control District (District) Rule 8021).**

- Track-out onto the paved public road;
- Active storage piles;
- Inactive disturbed surface areas and storage piles;
- Traffic on unpaved on-site roads;
- Earthmoving activities;
- Off-site transport of materials; and
- Post-project stabilization of disturbed soil surfaces.

ASBESTOS AIR MONITORING PLANS:

If required by the District, complete an Asbestos Air Monitoring Plan for District approval. An air monitoring plan **MAY BE** required if one or more of the following lies within a quarter mile (400 meters) of any boundary of an area to be disturbed:

- Residence;
- School / Daycare center;
- Industrial Facility
- Business;
- Park / Playground;
- Hospital / Nursing Home

Development of an Asbestos Air Monitoring Plan does not constitute a requirement to implement air monitoring.

However, if the District would like to determine the effectiveness of the application of the dust mitigation measures listed in your dust mitigation plan, the plan would be required to be implemented within one business day of notification from the District.

5. Track-out onto the paved public road

Please mark the box preceding each measure that will be implemented:

THIS MEASURE MUST BE ADDRESSED:

- Any visible track-out on a paved public road at any location where vehicles exit the work site **MUST** be removed; Removal **MUST** be done using wet sweeping or a HEPA filter-equipped vacuum device at the end of the work day or immediately if track out extends greater than 50 feet.

AND installation of one or more of the following track-out prevention measures:

- A gravel pad designed using good engineering practices to clean the tires of exiting vehicles. (50 feet long, 3 inches deep, and cover the full width of the unpaved exit meeting the paved road)
- A tire shaker (extend at least 25 feet and cover the full width of the unpaved exit meeting the paved road)
- A wheel wash system
- Pavement extending for not less than one hundred (100) consecutive feet from the intersection with the paved public road
- Any other measure(s) as effective as the measures listed above: (Briefly describe below)

6. Active Storage Piles

THIS MEASURE MUST BE ADDRESSED:

- Keep active storage piles adequately wet or covered with tarps.

7. Inactive Areas and Storage Piles

Please mark the box preceding each measure that will be implemented:

Control for disturbed surface areas and storage piles that will remain inactive for more than seven (7) days shall include **one or more of the following:**

- Keep the surface adequately wet;
- Establish and maintain of surface crusting sufficient to satisfy the test in subsection 93105(h)(6);
- Apply chemical dust suppressants or chemical stabilizers according to the manufacturer's recommendations;
- Cover with tarp(s) or vegetative cover;
- Install wind barriers of fifty percent (50%) porosity around three (3) sides of a storage pile;
- Install wind barriers across open areas;
- Any other measure(s) deemed as effective as the measures listed above. (Briefly describe below)

8. Traffic on On-Site Unpaved Roads, Parking Lots, and Staging Areas

Please mark the box preceding each measure that will be implemented:

THIS MEASURE MUST BE ADDRESSED:

- A maximum vehicle speed limit of fifteen (15) miles per hour or less;

AND one or more of the following:

- Water every two hours of active operations or sufficiently often to keep the area adequately wetted;
- Apply chemical dust suppressants consistent with manufacturer's directions;
- Install wind barriers of fifty (50) percent porosity around three (3) sides of a storage pile;
- Maintain a gravel cover with a silt content that is less than five (5) percent and asbestos content that is less than 0.25 percent, as determined using an approved asbestos bulk test method, to a depth of three (3) inches on the surface being used for travel; or
- Any other measure(s) as effective as the measures listed above: (Briefly describe below)

9. Earth Moving Activities

Please mark the box preceding each measure that will be implemented:

Control for earthmoving activities must include **one or more of the following:**

- Pre-wet the ground to the depth of anticipated cuts;
- Suspend grading operations when wind speeds are high enough to result in dust emissions crossing the property line, despite the application of dust mitigation measures;
- Apply water prior to any land clearing; or
- Any other measure(s) as effective as the measures listed above: (Briefly describe below)

10. Off-Site Transport

Please mark the box preceding each measure that will be implemented:

THIS MEASURE MUST BE ADDRESSED:

The owner or operator must ensure that no trucks are allowed to transport excavated material off-site unless:

- Maintain trucks such that no spillage can occur from holes or other openings in cargo compartments; **AND**
- Loads are adequately wet;

AND Either of the following measures:

- Cover with tarps; or
- Load such that the material does not touch the front, back, or sides of the cargo compartment at any point less than six inches from the top and that no point of the load extends above the top of the cargo compartment.

11. Post Construction Stabilization of Disturbed Areas

Please mark the box preceding each measure that will be implemented:

Upon completion of the project, disturbed surfaces shall be stabilized using **one or more of the following:**

- Establish a vegetative cover;
- Place at least three (3.0) inches of non-asbestos-containing material;
- Paving; or
- Any other measure deemed sufficient to prevent wind speeds of ten (10) miles per hour or greater from causing visible dust emissions. (Briefly describe below)

12. Recordkeeping and Reporting Requirements

(A) The owner/operator shall maintain all of the following records for at least seven (7) years following the completion of the construction project:

- The results of any air monitoring conducted at the request of the APCO;
- The documentation for any geologic evaluation conducted on the property for the purposes of obtaining an exemption, except the archive of collected samples which may be discarded at the expiration of the exemption or one (1) year after the exemption is granted whichever is less; and
- The results of any asbestos bulk sampling that meets any of the following conditions:
 - i. The asbestos bulk sampling was conducted by the owner/operator to document the applicability of or compliance with this section, or
 - ii. The asbestos bulk sampling was done at the request of the district APCO.

(B) Reporting Requirements: The owner/operator of any grading or construction operation subject to this section shall submit the following to the District:

1. The results of any air monitoring conducted at the request of the APCO; and
2. The results of any asbestos bulk sampling that meets any of the following conditions:
 - i. Asbestos bulk sampling conducted by the owner/operator to document applicability of or compliance with this section; or
 - ii. Asbestos bulk sampling done at the request of the APCO.

Signature

Date

Print Name/Title or Position