

Rule 310 Stationary Dust Control Plan

If your facility will conduct dust-generating operations on a surface area greater than 0.10 of an acre (4,356 square feet) under a Title V, Non-Title V, or General Permit your facility must complete and submit the dust control plan.

Section 1: Basic Information

Facility ID (F#####):

Facility Name:

Facility Address:

City:

Zip Code:

Individual submitting the dust control plan:

Name:

Job Title:

Phone:

Email:

Is the individual submitting the dust control plan also the individual responsible for implementing the dust control plan?

Yes

No

If no, who will be responsible for implementing the dust control plan?

Name:

Job Title:

Phone:

Email:



Section 2: Dust Control Measure Selections

Control measures must be implemented before, during, and after any dust-generating operations, including weekends, after work hours, and holidays.

If “other” is selected as a dust control measure, then the control measure must clearly meet the requirements of Rule 310 for any dust-generating operation. Upload a separate sheet, if needed, for the control measure description.

Category A: Prevention of Wind-Blown Dust Over 20% Opacity

These standards and control measures are required for all facilities and must be implemented to prevent wind conditions from creating emissions with opacity over 20%, even when no one is at the facility, such as weekends, after work hours, and holidays.

Required Standards (all required):

Ensure all control measures and requirements of the dust control plan are implemented.

Cease all dust-generating operations.

Maintain records consistent with Rule 310 § 502 and 503, Maricopa.gov/DocumentCenter/View/5246.

Required Control Measure (pick one):

Maintain a visible soil crust.

Maintain a vegetative ground cover.

Maintain a threshold friction velocity for disturbed surface areas corrected for non-erodible elements of 100 cm/second or higher.

Other:

Category B: Trackout, Carry-out, Spillage, and Erosion

Trackout must be cleaned immediately if it extends equal to or greater than a cumulative distance of 25 linear feet on paved areas accessible to the public. This includes gutters, curbs, and sidewalks. Trackout extending less than 25 linear feet must be cleaned by the end of the workday.

One primary control measure and one contingency control measure must be selected.

Primary Control Measure (pick one):

Manually sweep up trackout.

Street sweeper or wet broom.

Other:

Contingency Control Measure (pick one, must be different from primary control measure selection):

Manually sweep up trackout.

Street sweeper or wet broom.

Other:

Category C: Trackout Control Device

Does, or will, the site have two or more acres of disturbed surface area?

Yes No

Will 100 or more cubic yards of bulk material be hauled per day?

Yes No

If you answered "Yes" to either question, a trackout control device is required. The trackout control device must be installed at all exits prior to paved areas accessible to the public.

Trackout Control Device Selection(s):

Not required, answered "No" to both questions above.

Gravel Pad

Washed river rock, rock, gravel, or crushed rock at least 1 inch in diameter spread out 30 feet wide (or the entire width of the exit), 3 inches deep, and 50 feet long, or the length of the longest haul truck, whichever is greater.

Rumble Grate

Raised dividers that are a minimum of 3 inches tall, 6 inches apart, and a total length of 20 feet.

Pavement

The pavement must start from the point of intersection with an area accessible to the public and extend a centerline distance of at least 100 feet and a minimum width of 20 feet. The minimum 100x20 foot pavement must be in an area not accessible to the public. Please note, pavement is defined as applied and maintained asphalt, concrete, or other similar material to a roadway surface (i.e., asphaltic concrete, concrete pavement, chip seal, or rubberized asphalt).

Wheel Wash System

A system capable of washing the entire circumference of each wheel of the vehicle prior to exiting onto a paved area accessible to the public.

Other:

Category D: Vehicles and Motorized Equipment

Will vehicles or motorized equipment be used on unpaved staging areas, parking areas, storage areas, and/or access roads/haul roads?

Yes No

If you answered "Yes", one primary control measure and one contingency control measure must be selected.

Primary Control Measure (pick one):

Not required, answered "No" to question above.

Pave the area.

Apply water so the surface is visibly wet.

Apply and gravel, recycled asphalt, or other suitable material.

Apply and maintain a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's safety data sheet (SDS); the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Limit vehicle speeds to less than 15 mph and limit vehicle trips to no more than 20 per day.

If complying with this selection, the facility must record the number of vehicle trips on the staging, parking, and/or material storage areas each day, including the number of employee vehicles, earthmoving equipment, haul trucks, and water trucks. Also provide a description of how vehicle speeds will be restricted to less than 15 mph.

How will vehicle speeds be restricted to no more than 15 mph?

Other:

Contingency Control Measure (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Pave the area.

Cease operations.

Apply water so the surface is visibly wet.

Apply and maintain gravel, recycled asphalt, or other suitable material.

Apply and maintain a dust suppressant other than water.

Limit vehicle speeds to less than 15 mph and limit vehicle trips to no more than 20 per day.

How will vehicle speeds be restricted to no more than 15 mph?

Other:

Category E: Bulk Material Hauling

Will bulk material be transported from the facility onto areas accessible to the public?

Yes No

If you answered "Yes", you must follow all the required control measures and select a contingency control measure.

Required Control Measures When Cargo Compartment is LOADED (all required):

Not required, answered "No" to question above.

Cover haul truck cargo compartment with a tarp or other suitable cover.

Load all haul trucks so the freeboard is no less than three inches.

Load all haul trucks so at no time is the highest point of the bulk material higher than the sides, front, and back of the cargo compartment (do not mound the material).

Prevent spillage from any holes, cracks, or other openings in the cargo compartment.

Contingency Control Measure When Cargo Compartment is LOADED (pick one):

Not required, answered "No" to question above.

Cease operations.

Apply water to the top of the material in the cargo compartment.

Apply dust suppressant other than water to the top of the material in the cargo compartment.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Required Control Measure When Cargo Compartment is EMPTY (pick one):

Not required, answered "No" to question above.

Cover haul truck cargo compartment with a tarp or other suitable cover before exiting facility.

Clean interior of cargo compartment before exiting the facility.

Will bulk material be transported within the boundaries of the site, but not across areas accessible to the public?

Yes

No

If you answered "Yes", one primary control measure and one contingency control measure must be selected.

Primary Control Measure (pick one):

Not required, answered "No" to question above.

Cover haul truck cargo compartment with a tarp or other suitable cover.

Apply water to the top of the material in the cargo compartment.

Limit vehicle speed to less than 15 mph while traveling on site.

Other:

Contingency Control Measure (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Cease operations.

Cover haul truck cargo compartment with a tarp or other suitable cover.

Apply water to the top of the material in the cargo compartment.

Limit vehicle speed to less than 15 mph while traveling on site.

Other:

Category F: Bulk Material Loading and Unloading

Will bulk material be loaded and/or unloaded?

Yes No

If you answered "Yes", one primary control measure and one contingency control measure must be selected for before and during the loading and unloading of bulk material.

Primary Control Measure BEFORE Loading and Unloading (pick one):

Not required, answered "No" to question above.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Contingency Control Measure BEFORE Loading and Unloading (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Cease operations.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Primary Control Measure DURING Loading and Unloading (pick one):

Not required, answered "No" to question above.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Contingency Control Measure DURING Loading and Unloading (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Cease operations.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Category G: Open Storage Piles

Will there be open storage piles at any time?

Yes No

If you answered “Yes”, one primary control measure and one contingency control measure must be selected.

Primary Control Measure (pick one):

Not required, answered “No” to question above.

Maintain a visible soil crust.

Cover open storage piles with tarps, plastic, or other suitable material.

Apply water to maintain soil moisture. Soil moisture must be a minimum of 12% as determined by ASTM Method D2216-05.

Construct wind barriers, silos, or enclosures and maintain a visible soil crust OR apply water to maintain soil moisture. Soil moisture must be a minimum of 12% as determined by ASTM Method D2216-05.

If complying with this section, the enclosures must be three-sided, constructed with a material that has a porosity greater than 50%, has a wall height equal to or greater than the pile height, and is no farther away from the pile than twice the height of the pile.

Other:

Contingency Control Measure (pick one, must be different from primary control measure selection):

Not required, answered “No” to question above.

Maintain a visible soil crust.

Cover open storage piles with tarps, plastic, or other suitable material.

Apply water to maintain soil moisture. Soil moisture must be a minimum of 12% as determined by ASTM Method D2216-05.

Construct wind barriers, silos, or enclosures and maintain a visible soil crust OR apply water to maintain soil moisture. Soil moisture must be a minimum of 12% as determined by ASTM Method D2216-05.

If complying with this section, the enclosures must be three-sided, constructed with a material that has a porosity greater than 50%, has a wall height equal to or greater than the pile height, and is no farther away from the pile than twice the height of the pile.

Other:

Category H: Weed Abatement

Will any weed abatement by discing or blading be conducted at the facility?

Yes No

If you answered "Yes", you must follow all the required control measures and select one primary control measure and one contingency control measure.

Required Control Measures Before and During Weed Abatement (all required):

Not required, answered "No" to question above.

Pre-water weed abatement site.

Apply water during weed abatement operations.

Primary Control Measure Following Weed Abatement (pick one):

Not required, answered "No" to question above.

Apply water.

Apply gravel.

Establish a vegetative ground cover (landscaping).

Pave immediately following weed abatement.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Contingency Control Measure Following Weed Abatement (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Apply water.

Apply gravel.

Establish a vegetative ground cover (landscaping).

Pave immediately following weed abatement.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Category I: Blasting Operations

Will any blasting operations be conducted at the facility?

Yes No

If you answered "Yes", you must follow all the required control measures and select one primary control measure and one contingency control measure.

Required Control Measures (all required):

Not required, answered "No" to question above.

Discontinue blasting if wind is greater than 25 mph.

Pre-water and maintain unpaved areas where motorized equipment and vehicle operate.

Primary Control Measure (pick one):

Not required, answered "No" to question above.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Contingency Control Measure (pick one, must be different from primary control measure selection):

Not required, answered "No" to question above.

Apply water.

Apply a dust suppressant other than water.

If complying with this selection you must upload the dust suppressant's SDS; the proposed method, frequency, and intensity of application; the type, number, and capacity of the application equipment.

Other:

Category J: Dust Control Training

Will the facility operate a water truck?

Yes No

If you answered "Yes", the facility's water truck driver(s) must possess at least a valid Rule 310 Basic Dust Control Training certification.

Will the facility have over one acre of disturbed surface area?

Yes No

If you answered "Yes", the facility's designated on-site representative must possess at least a valid Rule 310 Basic Dust Control Training certification.

To register for Rule 310 Dust Control Training, visit [Mcaqd.learningcart.com](https://mcaqd.learningcart.com).
For questions call 602-372-1467 or email AQTraining@maricopa.gov.

Section 3: Facility Map

Upload a separate page with a facility map.

The following elements must be included in the facility map:

- North arrow
- Nearest main crossroads
- Facility/property boundaries
- Access point(s) - Planned exit locations onto areas accessible to the public
- Surface areas to be disturbed with linear dimensions/total square footage or acreage
- Unpaved parking lot(s)

Example (simplified, not to scale):



Section 4: Submitting the Completed Dust Control Plan

The completed dust control plan must be submitted through the AQD Online Portal, [Encromerr.epa.gov](https://encromerr.epa.gov). You may access helpful documents with step-by-step instructions on how to submit the dust control plan via the AQD Online Portal:

Submitting the dust control plan as part of a new permit application:

[Maricopa.gov/DocumentCenter/View/58505](https://maricopa.gov/DocumentCenter/View/58505)

Submitting the dust control plan as part of a permit modification application:

[Maricopa.gov/DocumentCenter/View/65518](https://maricopa.gov/DocumentCenter/View/65518)

Submitting the dust control plan as a Compliance Report:

[Maricopa.gov/DocumentCenter/View/56272](https://maricopa.gov/DocumentCenter/View/56272)

If any changes occur to the facility's dust-generating operations, a revision to the current dust control plan may be required. If you have questions, call the Permitting Division at 602-506-5102 or email AQPermits@maricopa.gov.

After the dust control plan is submitted, the facility will receive an email from Maricopa County Air Quality Department approving, rejecting, or conditionally approving the submitted plan. Remember, the approved dust control plan must be readily available at the facility for inspector verification.