

RULE 8031 BULK MATERIALS (Adopted November 15, 2001; Amended August 19, 2004)

1.0 Purpose

The purpose of this rule is to limit fugitive dust emissions from the outdoor handling, storage, and transport of bulk materials.

2.0 Applicability

This rule applies to the outdoor handling, storage, and transport of any bulk material. The provisions of this rule adopted on November 15, 2001 shall remain in effect until October 1, 2004 at which time the amendments adopted on August 19, 2004 shall take effect.

3.0 Definitions

The definitions of terms in Rule 8011 (General Requirements) shall apply to this rule.

4.0 Exemptions

In addition to the exemptions established in Rule 8011 the following exemptions are established for this Rule:

- 4.1 Any outdoor storage, handling, or transport of bulk materials which would be damaged by wetting with water or by the application of chemical/organic dust suppressants, provided owners/operators demonstrate to the satisfaction of the APCO and USEPA that none of the control measures specified in Table 8031-1 of this rule can be implemented to limit visible dust emissions (VDE) to 20% opacity or provide a stabilized surface as defined in Rule 8011.
- 4.2 The spreading of landfill daily cover.
- 4.3 Transport of a bulk material in an outdoor area for a distance of twelve feet or less with the use of a chute or conveyor device.
- 4.4 Outdoor storage of any bulk material at a single site where no material is actively being added or removed at the end of the workday or overnight and where the total material stored is less than 100 cubic yards.
- 4.5 Agricultural sources subject to, or specifically exempt from, the requirements of Rule 8081 (Agricultural Sources).

5.0 Requirements

No person shall perform any outdoor handling, storage, and transport of bulk materials unless the appropriate requirements in Table 8031-1 of this rule are sufficiently implemented to limit VDE to 20% opacity or to comply with the conditions for a stabilized surface as defined in Rule 8011. In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

TABLE 8031-1 – CONTROL MEASURES FOR BULK MATERIALS	
A. HANDLING OF BULK MATERIALS:	<p>A1 When handling bulk materials, apply water or chemical/organic stabilizers/suppressants sufficient to limit VDE to 20% opacity or;</p> <p>A2 Construct and maintain wind barriers sufficient to limit VDE to 20% opacity and with less than 50% porosity. If utilizing fences or wind barriers, control measure A1 shall also be implemented</p>
B. STORAGE OF BULK MATERIALS:	<p>B1 When storing bulk materials, comply with the conditions for a stabilized surface as defined in Rule 8011; or</p> <p>B2 Cover bulk materials stored outdoors with tarps, plastic, or other suitable material and anchor in such a manner that prevents the cover from being removed by wind action; or</p> <p>B3 Construct and maintain wind barriers sufficient to limit VDE to 20% opacity and with less than 50% porosity. If utilizing fences or wind barriers, apply water or chemical/organic stabilizers/suppressants to limit VDE to 20% opacity or;</p> <p>B4 Utilize a 3-sided structure with a height at least equal to the height of the storage pile and with less than 50% porosity.</p>
C. ON-SITE TRANSPORTING OF BULK MATERIALS:	<p>C1 Limit vehicular speed while traveling on the work site sufficient to limit VDE to 20% opacity; or</p> <p>C2 Load all haul trucks such that the freeboard is not less than six (6) inches when material is transported across any paved public access road sufficient to limit VDE to 20% opacity, or</p> <p>C3 Apply water to the top of the load sufficient to limit VDE to 20% opacity, or</p> <p>C4 Cover haul trucks with a tarp or other suitable cover.</p>
D. OFF-SITE TRANSPORTING OF BULK MATERIALS:	<p>D1 Clean the interior of the cargo compartment or cover the cargo compartment before the empty truck leaves the site; and</p> <p>D2 Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment's floor, sides, and/or tailgate; and</p> <p>D3 Load all haul trucks such that the freeboard is not less than six (6) inches when material is transported on any paved public access road, and apply water to the top of the load sufficient to limit VDE to 20% opacity; or cover haul trucks with a tarp or other suitable cover.</p>

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E.	OUTDOOR TRANSPORT OF BULK MATERIALS WITH A CHUTE OR CONVEYOR:
E1	Fully enclose the chute or conveyor; or
E2	Operate water spray equipment that sufficiently wets materials to limit VDE to 20% opacity; or
E3	Wash separated or screened materials to remove conveyed materials having an aerodynamic diameter of 10 microns or less sufficient to limit VDE to 20% opacity.

6.0 Administrative Requirements

6.1 Test Methods

The applicable test methods specified in Rule 8011 shall be used to determine compliance with this rule.

6.2 Recordkeeping

An owner/operator shall comply with the recordkeeping requirements specified in Rule 8011.

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