

**REGULATION 6
PARTICULATE MATTER-
RULE 8
BULK MATERIAL STORAGE AND HANDLING
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**REGULATION 6
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RULE 8
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Effective two years after adoption

- 6-8-100 GENERAL**
- 6-8-101 Description:** The purpose of this Regulation is to limit significant particulate matter emissions from the production, handling, loading, unloading use or storage of bulk material from regulated bulk material sites.
- 6-8-110 Exemption, Emergencies:** Activities that are requested or ordered by any federal state or local agency during a natural or civic disaster or emergency situation to protect the public, life or property in response to an officially declared disaster or state of emergency are not subject to this Rule (although they remain subject to Regulation 6, Rule 1, as applicable).
- 6-8-111 Limited Exemption, Blasting Operations:** Blasting operations that have been permitted by the California Division of Industrial Safety are not considered to be production, handling, loading, unloading, use or storage of bulk material, so are not subject to this Rule (although they remain subject to Regulation 6, Rule 1, as applicable).
- 6-8-112 Limited Exemption, Wind Gusts Over 25 MPH:** Section 6-8-302 shall not apply during any period when wind gusts exceed 25 miles per hour, as measured by (i) the District’s nearest air quality monitoring station, (ii) any other nearby certified meteorological station, or (iii) an anemometer located at the dust generating operation that is installed and calibrated according to the manufacturer’s specifications; provided that the owner/operator of the dust generating operation:
- 112.1 Has implemented all reasonably feasible measures to limit fugitive dust emissions, and
- 112.2 Maintains records of wind gust speed and time periods when wind gusts exceed 25 miles per hour.
- 6-8-200 DEFINITIONS**
- 6-8-201 Applicability of Common Definitions:** The definitions in Regulation 6 (Definitions) shall apply to this rule.
- 6-6-202 Bulk Material:** Any unpackaged soil, sand, gravel, aggregate, construction material, or other unpackaged solids less than 2 inches in length or diameter.
- 6-8-203 Regulated Bulk Material Site:** A facility that (i) is subject to an authority to construct and/or permit to operate issued by the Bay Area Air Quality Management District; and (ii) produces, handles, loads, unloads or uses more than 10 tons per year of bulk material, or stores bulk material in piles higher than 3 feet or with a footprint larger than 100 square feet.
- 6-8-300 STANDARDS**
- 6-8-301 General Applicability of Rule 6-1-301 Visible Emissions Standard:** Facilities subject to this Rule are also subject to the general prohibition set forth in Rule 6-1-301 against emitting from any source, for a period or aggregate periods of more than three minutes in any sixty minute period, a visible emission that is as dark or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer’s view to an equivalent or greater degree (to the extent Rule 6-1-301 is applicable).
- 6-8-302 Prohibition of Visible Emissions From Regulated Bulk Material Sites:** The owner/operator of a Regulated Bulk Material Site shall not cause or allow either of the following to be emitted as a result of production, handling, loading, unloading, use, storage or spill of any bulk material, or cleanup of any bulk material spill:
- 302.1 A fugitive dust plume of visible emissions that (i) is greater than 5 feet long, 5 feet wide, or 5 feet high; (ii) exceeds 10% opacity, or is more than half as dark in shade as that designated as Number 1 on the Ringelmann Chart as

determined by EPA Method 9; and (iii) exists for a period or aggregate periods of more than 3 minutes in any 60-minute observation period.

302.2 A fugitive dust plume of visible emissions that travels or is carried beyond the property line of the facility.

6-8-303 Bulk Material Spills: The owner/operator of any Regulated Bulk Material Site shall clean up any spills of bulk material in an accumulated amount greater than 6 inches high or greater than 25 square feet, unless the spilled material is adequately wetted, covered, or is protected by a wind screen that (i) is equal to or higher than the height of the spill, (ii) is placed upwind of the spill at a distance no greater than the height of the wind screen, and (iii) has no more than 50% porosity.

6-8-304 Vehicle Traffic Within Regulated Bulk Material Sites: The owner/operator of any Regulated Bulk Material Site shall ensure that:

304.1 Physical barriers prevent bulk material from eroding into vehicle traffic areas;

304.2 Vehicles within the facility travel only on paved areas or on roadways stabilized by moisture, chemical stabilizers, or aggregate; and

304.3 Vehicles within the facility do not exceed vehicle speeds of 15 mph.

6-8-305 Prevention of Trackout: The owner/operator of any Regulated Bulk Material Storage Site must comply with the requirements of Regulation 6, Rule 6, as applicable, for the prevention of trackout.

6-8-306 Prevention of Carryout: The owner/operator of any Regulated Bulk Material Site shall not load or unload bulk material into or out of a truck unless it implements the following control measures after the loading or unloading is complete and before the truck leaves the loading or unloading area:

306.1 Ensure that all truck bulk material compartments are covered in one of the following ways:

1. With a sliding solid cover; or
2. With a slot-top cover that reduces open surface area by at least 50%, provided that this alternative may be used only if the bulk material is either adequately wetted or adequate chemical stabilizer is applied to prevent fugitive dust; or
3. With a continuous tarp that completely covers the compartment; or
4. With an alternate method proven effective and approved by the APCO in writing.

306.2 Ensure that the truck drop gate pin is installed.

306.3 Ensure that there are no solid or liquid leaks from the truck.

306.4 Ensure that there is no loose bulk material adhering to the exterior surfaces of the truck.

6-8-400 ADMINISTRATIVE REQUIREMENTS

6-8-500 MONITORING AND RECORDS

6-8-501 Monitoring and Recordkeeping: The owner/operator of any Regulated Bulk Material Site shall:

501.1 Check each source or operation subject to the limitations in Section 6-8-302 every four hours during working hours to observe whether there are any visible fugitive dust emissions coming from the source or operation; and

501.2 If any visible fugitive dust emissions are observed coming from any source or operation subject to the limitations in Section 6-8-302, measure the opacity of the visible dust plume with a certified observer (or other authorized method) in accordance with Regulation 6-602; or if no certified observer (or other authorized method) is available to measure the opacity, (i) monitor the fugitive dust emissions until they are no longer visible and (ii) document any change in size or appearance of the emissions plume and the time of such change (including the time at which there are no longer any visible fugitive dust emissions); and

501.3 [Document the date and time of each observation of each source in a log book or other APCO approved record-keeping method. Document the determination

of opacity; or document any change in size or appearance of the emissions plume and the time when there is no longer any visible fugitive dust emission. The owner/operator the facility shall maintain all records required under this section for at least two years and shall make them available to the APCO upon request.

6-8-600 MANUAL OF PROCEDURES

6-8-601 Assessment of Visible Emissions: Assessing whether fugitive dust emissions are visible shall be undertaken as specified in Regulation 6-601.

6-8-602: **Assessment of Opacity:** Assessing the opacity of a visible emission shall be undertaken as specified in Regulation 6-602.