

Requirements for Bulk Solid Material Facilities*

Applies to Coke and Coal Facilities and Non-Coke/Non-Coal Facilities

Requirement	Standard	Additional Requirements	Effective Date
Certificate of Operation	All facilities must obtain a Certificate of Operation per 11-4-660 of the Municipal Code	As with Permits, CDPH may impose conditions on Certificates of Operation	Immediately
Prohibition on Fugitive Dust	<ul style="list-style-type: none"> - No visible dust beyond the property line - Opacity may not exceed 10% within the property line, unless a different State standard applies 	Facility must test visible dust and opacity on a quarterly basis	Immediately
Fugitive Dust Plan	<p>Must include all required components including:</p> <ul style="list-style-type: none"> - Facility map and description of operations - Description of all dust-control measures - Dust monitoring plan - Contingency plan for responding to dust 	<p>Must submit an amended plan if there are any changes to the facility</p> <p>Must include a summary of the Fugitive Dust Plan that CDPH can post on its website, together with the plan itself</p>	Ninety Days for first plan January 31 for annual updates
Fugitive Dust Monitoring	Continuous Federal Equivalent Method real-time PM10 monitor	<p>Must install both upwind and downwind and gather data in year one to inform placement of monitors in subsequent years</p> <p>Data logger must record all readings from the monitors</p> <p>Must maintain log of all maintenance and calibration of the monitors</p>	Ninety Days

* This document is for general information only. It is not intended to replace, interpret, or modify any federal, state, local, or other law of any kind, nor does it provide or constitute legal advice. To view the full requirements for Bulk Solid Material Facilities, see the City of Chicago Rules and Regulations for Control of Emissions from the Handling and Storage of Bulk Material Piles

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Wind Monitoring	Permanent wind monitor must be installed 10 meters high in a central, unobstructed area in conformance with regulation	Wind monitor must be able to monitor and log wind speed and wind direction	Ninety Days
Covered Conveyors	Must be covered or enclosed	Must reduce dust emissions to maximum extent practicable	One Year
Controlled Transfer Points	Must ensure compliance with opacity limit at all transfer points	Options for dust control include: <ul style="list-style-type: none"> - Total enclosure - Watering - Vented to pollution control equipment - Transfer of moist material 	Ninety Days
Truck Cleaning for Clean Transport	<ul style="list-style-type: none"> - 8 mph speed limit within facility - Trucks must be free of loose material - Must use rumble strips, wheel wash station, or other approved measures 	Measures to ensure trucks will not cause track-out must be included in the Fugitive Dust Plan	Ninety Days
Vehicle Covering	<ul style="list-style-type: none"> - Trucks must be covered with solid cover or continuous tarp - Railcars and barges must use best practices to control dust 	Facility shall not load material into any vehicle unless measures are in place to prevent material from escaping the vehicle	Ninety Days
Cleanup of Spills and Leaks	<ul style="list-style-type: none"> - Any leak from a vehicle must be cleaned up within one hour from roads and immediately from waterways - Any material spilled within the facility must be cleaned by the end of each work shift 	Facility shall not load material into any vehicle such that the vehicle leaks material or liquid that contains material	Immediately
Controlled Loading/Unloading	<ul style="list-style-type: none"> - Enclosed Coke/Coal facilities must conduct loading and unloading of trucks and railcars in enclosed structures - Outdoor operations must conduct loading and unloading in compliance with transfer point requirements 	Barge loading and unloading shall be conducted to minimize dust using measures set forth in the approved Fugitive Dust Plan	Immediately
Paving	<ul style="list-style-type: none"> - Internal Roads must be paved - New facilities must use only paved roads within 1/4 mile of the facility 	The paving must be with a durable material not susceptible to becoming windborne	One Year (90 days for use of paved roads by new facilities)

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Street Sweeping	Must clean roads used to transport material within 1/4 mile of the facility every 4 hours or 100 trucks, unless the roads are free and clear of any material	The street sweeper shall be equipped with a water spray and vacuum system. Facility shall keep records of street sweeping	Immediately
Recordkeeping	Records must include: <ul style="list-style-type: none">- Cleaning activities- Weather conditions- Results of dust monitoring- Testing & maintenance activities	Records must be kept for at least 3 years	Matches the requirement for which the record is kept