

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 6629 and PSD-TX-114

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY**
RK300	Coke and Coal Section Fugitives (4)	PM	0.06	0.27
C&S001A	Crushing and Screening 'A' Section Fugitives (4)	PM	9.81	10.72
		PM ₁₀	4.66	4.88
C&S001C	Crushing and Screening 'C' Section Fugitives (4)	PM	14.59	15.28
		PM ₁₀	6.95	7.27
RK107	Kiln Nos. 1 and 2 Dust Stockpile	PM	0.008	0.034
RKS1&2	Kiln Nos. 1 and 2 Fugitives (4)	PM	1.04	4.55
RKS3	Kiln No. 3 Stockpile Fugitives (4)	PM	0.60	2.61
RK288	Kiln Nos. 1 and 2	NO _x	106.1	437.3
		SO ₂	117.8	485.5
		PM	46.7	192.7
		CO	44.1	181.8
		VOC	0.9	3.7
RK213	Kiln No. 3	NO _x	118.3	425.7
		SO ₂	28.4	102.5
		PM	13.2	47.5
		CO	38.3	137.9
		VOC	1.0	3.6

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RK133	Kiln No. 1 Rejects Bin	PM	3.66	2.01
RK233	Kiln No. 2 Rejects Bin	PM	3.66	2.01
RK218	Kiln No. 3 Dust Bin	PM	0.17	0.75
RK161	Wet Fines Bin	PM	0.13	0.55
RK508	Product Tower	PM	1.03	4.51
SK004	West Bin No. 4	PM	0.02	0.07
SK005	West Bin No. 5	PM	0.02	0.07
RK528A	Quicklime Product Bin Nos. 1, 4, and 6	PM	0.09	0.39
RK529A	Quicklime Product Bin Nos. 2, 5, and 7 and Reclaim Bin No. 3	PM	0.09	0.39
RK532	Quicklime Product Bin No. 8	PM	0.06	0.26
RK537	Off Spec Pebble Loadout	PM	9.00	1.20
BP006	Pebble Bagging	PM	0.32	1.41
PP015	Bulk Pulverizer	PM	0.13	0.56
PP004DCL	Pulverizer Loadout	PM	0.09	0.38
RK525DCL	Product Bin No. 1 Loadout	PM	0.09	0.38
RK526DCL	Product Bin No. 2 Loadout	PM	0.09	0.38
RK528DCL	Product Bin No. 4 Loadout	PM	0.09	0.38

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			lb/hr	TPY**
RK529DCL	Product Bin No. 5 Loadout	PM	0.09	0.38
RK530DCL	Product Bin No. 6 Loadout	PM	0.09	0.38
RK531DCL	Product Bin No. 7 Loadout	PM	0.09	0.38
P013	Pulverized Quicklime Bagger	PM	0.66	2.89
HH586	Hydrate Bin Nos. 3, 4, 5, and 6	PM	0.47	2.06
HH409	Lime Hydrator No. 4	PM	5.88	25.75
HH512	Lime Hydrator No. 5	PM	5.88	25.75
HH548	Hydrate Milling	PM	0.34	1.50
H590	Hydrate Rejects Bin	PM	0.15	0.007
H509B	Hydrate Rejects	PM	0.09	0.38
LBH36	Hydrate Loadout	PM	0.15	0.66
BH033	Hydrate Baggers	PM	0.47	2.06
SK001	West Bin No. 1	PM	0.02	0.07
SK002	West Bin No. 2	PM	0.02	0.07
SK003	West Bin No. 3	PM	0.02	0.07
RK217	Kiln No. 3 Dust Bin	PM	0.18	0.12
LBH23	Hydrate Bin Nos. 1 and 2	PM	0.15	0.66
RK223	Apron Conveyor	PM	0.26	1.13

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PP009	Pulverized Product Bin	PM	0.02	0.07
HS004	Hydrator No. 4 Surge Bin	PM	0.02	0.07
HS005	Hydrator No. 5 Surge Bin	PM	0.02	0.07
RK537A	Product Loading Blowback	PM	0.06	0.003
RK550	Product Loading	PM	1.84	1.26
BH036	Hydrate Bagging	PM	0.30	1.31
LBH36-2	Hydrate Loading Spout	PM	0.31	0.96
TANKAWLT	Diesel Storage Tank	VOC	0.06	<0.01
TANKGAS	Gasoline Storage Tank	VOC	24.1	1.2
TANKQUAR	Quarry Diesel Storage Tank	VOC	0.06	<0.01
TANKQUAR2	Quarry Diesel Tank No. 2	VOC	0.06	<0.01
TANKRACK	Fuel Loading Rack	VOC	5.94	3.0

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
CO - carbon monoxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable

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emission rate.

- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

_____Hrs/day ____Days/week ____Weeks/year or ____Hrs/year

- ** Compliance with annual emission limits is based on a rolling 12-month period.

Dated_____