

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 229

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
B54/BQM101	B54 Briquette Mixer No. 1 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/BQM201	B54 Briquette Mixer No. 2 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/BQM301	B54 Briquette Mixer No. 3 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/BQM401	B54 Briquette Mixer No. 4 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/BQM501	B54 Briquette Mixer No. 5 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/BQM601	B54 Briquette Mixer No. 6 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Total of 6 briquette mixers	PM		19.53
		PM ₁₀		9.96
		VOC		0.39
		POM		3.13
B54/BRTZ01	Briquette Mixers Common Stack	PM	0.70	3.10
	Stack (5)	PM ₁₀	0.36	1.58
		VOC	0.58	1.69
		POM	1.22	3.60
B54/RTM201	B54 Seam Mix Mixer No. 2 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
B54/RTM301	B54 Seam Mix Mixer No. 3 (5)	PM	1.00	
		PM ₁₀	0.51	
		VOC	0.02	
		POM	0.16	
	Total of two Seam Mix Mixers	PM		4.00
		PM ₁₀		2.04
		VOC		0.08
		POM		1.04
B54/CLSS11	Coal Grinding, Screening, Storage Baghouse (5)	PM	0.83	3.63
		PM ₁₀	0.42	1.85
B54/CKM111	Coke Air Classifier Baghouse No. 1	PM	0.43	1.88
		PM ₁₀	0.22	0.96
B54/CKM211	Coke Air Classifier Baghouse No. 2	PM	0.43	1.88
		PM ₁₀	0.22	0.96
B54/CKHG11	Coke Handling Electrostatic	PM	4.33	18.96

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Precipitator (5)	PM ₁₀	2.21	9.67
B54/MNST01	Methyl Naphthalene Storage Tank (4) (5)	VOC	0.02	0.07
		POM	0.07	0.30
B54/PSTX01	Pitch Storage (Coke HSP)(4)(5)	VOC	0.06	0.25
		POM	0.12	0.51
B54/PSVX01	Pitch Storage (Coal LSP)(4)	VOC	0.20	0.88
		POM	0.02	0.09
B54/CKRU00	Coke Rail Unloading (4)(5)	PM	2.43	2.53
		PM ₁₀	1.24	1.29
B54/CKSX01	Coke Storage (4)(5)	PM	2.43	2.53
		PM ₁₀	1.24	1.29
B54/CLSX01	Coke Unloading & Storage (4)(5)	PM	0.92	0.96
		PM ₁₀	0.47	0.48
B60/CKBU00	Barge Unloading (bauxite, spar, coke, coal)(4)(5)	PM	19.58	0.28
		PM ₁₀	9.27	0.13

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources use area name or fugitive source name.

(3) PM - particulate matter, suspended in the atmosphere, including PM₁₀.
PM₁₀ - particulate matter 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.

VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1

POM - polycyclic organic material

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- (4) Fugitive emissions are an estimate only.
- (5) Previously grandfathered.

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Briquette Production:	137,750 tons/year
Seam Mix Production:	22,040 tons/year
Barge Unloading:	732,000 tons/year of bauxite
	67,162 tons/year of fluorspar
	130,525 tons/year of carbonous material (coal, coke)

Dated: _____