

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4831

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

<u>Emission Rates *</u> Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission</u>	
			<u>lb/hr</u>	<u>TPY</u>
LDFLARE	LPE Process Flare	VOC	302.70	140.01
		NO _x	19.11	10.77
		CO	138.01	77.78
LDBLR1	Boiler No. 1	VOC	0.13	0.33
		NO _x	5.56	14.53
		CO	1.56	4.08
		SO ₂	0.03	0.07
		PM ₁₀	0.61	1.59
LDBLR2	Boiler No. 2	VOC	0.13	0.33
		NO _x	5.56	14.53
		CO	1.56	4.08
		SO ₂	0.03	0.07
		PM ₁₀	0.61	1.59
L1BF25033, L1TK25054, L1TK25055, L1BF25027, L1BF25032, L1BF25028, L1BF25029, L1BF25030, L1BF25091, L1BN24155, L1BF24159, L1BF25102, L1BF25031, L1BF25037, L1BF25041, L1BF25090,	Additive Systems (5)	VOC	<0.01	0.01
		PM ₁₀	0.53	0.07

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			lb/hr	TPY
L1BF15102, L1YF01313, L1YF02313, L1YF01326, L1YF02326, L1BF13101, L1TK25053, L1ME33155, L1ME24167, L1VV33105, L1VV33205, L1VV24051, L1VV24052, L1BF13xx4				
L1VV03002A,	Catalyst Preparation Systems (5)		VOC	19.16
	0.94			
L1VV03002B, L1VV03004, L1VV03243, L1VV03301, L1VV03302- L1VV03307, L1ME04132, L1ME04133, L1ME04232, L1ME04233		PM ₁₀	< 0.01	< 0.01
L1YF01310A,	Granular Product Systems (5)		VOC	15.94
	44.70			
L1YF01310B, L1YF01310C, L1YF01310D, L1YF02310A, L1YF02310B, L1YF02310C, L1YF02310D, L1BF25040, L1BF24157, L1BF24001,		PM ₁₀	8.43	6.08

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			lb/hr	TPY
L1BF24002, L1BF24003, L1YF01328, L1YF02328, L1BF24010, L1BF25034, L1BF05123, L1BF05223, L1BF30108, L1BF30109, L1BF30110, L1BF30111, L1VV04101, L1VV04201, L1BF30123, L1BF30124, L1BF30125				
L1YD01427, L1VD02427, L1BN24018, L1BF30208, L1BF30209, L1BF30210, L1BF30211, L1BF30126, L1BF20223, L1BF30224, L1BF30225, L1BF30226, L1YF01416A, L1YF01416B, L1YF02416A, L1YF02416B, L1YF03416A,	Pellet Product Systems (5) 2.64		PM ₁₀	3.21

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			lb/hr	TPY
L1YF03416B				
L1BF33201,	Hopper Car/Truck Loading (5)		PM ₁₀	3.02
L1BF33503,	5.83			
L1CYV580J,				
L1CL281JV1,				
L1CL281JV2,				
L1BF30127,				
L1BF30138,				
L1BF30227,				
L1BF33101,				
L1BFxxxx5				
L1ANALYZER	LPE Analyzer Vents	VOC	0.46	2.00
LDCOOLTWR	Cooling Tower (4)	VOC	1.95	8.55
LDFUGEM	Process Fugitives (4)	VOC	17.07	74.08

- (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) VOC - volatile organic compounds as defined in General Rule 101.1
 - NO_x - total oxides of nitrogen
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
 - PM₁₀ - particulate matter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) The listed emission rates are for the group of emission points, so the sum of emissions from all of the emission points in the group shall not exceed the emission rate listed for the group.

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			<u>lb/hr</u>	<u>TPY</u>

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

_____ Hrs/day ___ Days/week ___ Weeks/year or 8,760 Hrs/year

Dated _____