

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

19992

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)	<u>Emission Rates*</u>	
			#/hr	TPY
46	Boiler (5) (252 MMBtu/hr heat input)	CO	6.39	25.05
		NOx	87.86	350.7
		PM10	0.80	3.18
		SO2	0.10	0.38
		VOC	7.88	8.25
47	Boiler (5) (252 MMBtu/hr heat input)	CO	6.39	25.05
		NOx	87.86	350.7
		PM10	0.80	3.18
		SO2	0.10	0.38
		VOC	7.88	8.25
48	Boiler (5) (252 MMBtu/hr heat input)	CO	6.39	25.05
		NOx	87.86	350.7
		PM10	0.80	3.18
		SO2	0.10	0.38
		VOC	7.88	8.25
49	Boiler (5) (252 MMBtu/hr heat input)	CO	6.39	25.05
		NOx	87.86	350.7
		PM10	0.80	3.18
		SO2	0.10	0.38
		VOC	7.88	8.25
216	Flare	CO	82.7	49.56
		NOx		42.31
		SO2		1.02
		VOC		295.05
250	Flash Tank	VOC	1.17	0.07
251	Liquid Additive Tank	VOC	0.004	0.018
252	Powder Additive Tank	PM10	3.45	0.95

253	Pellet Dryer	PM10	0.13	0.57
		VOC	0.51	2.23
254	Blend Tanks	PM10	0.05	0.20

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*		
			#/hr	TPY	
255	Off-Spec Tank		PM10	0.05	0.10
257	Pellet Silos		PM10	0.05	0.21
258	Pellet Blender		PM10	0.05	0.10
259	Process Fugitives (4)		VOC	7.26	31.81
260	Cooling Tower (4) (6)		VOC	0.88	3.85

- (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) CO - carbon monoxide
NOx - total oxides of nitrogen
PM10 - particulate matter less than 10 microns
SO2 - sulfur dioxide
VOC - volatile organic compounds as defined in General Rule 101.1
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Boilers (EPN's 46, 47, 48 and 49) controlling diluent separation area VOC vent gas streams from the HDPE Plants and other on-site waste gas streams.
- (6) This cooling tower also serves train VI-1 in Permit 19153.

* 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 8760