

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 17127

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
201	Hexane Storage Tank	VOC	0.43	0.90
202	Degasser (5)	VOC	4.21	15.28
		PM	0.28	1.24
203	Pellet Silos	PM	0.93	2.06
204	Powder Silos	PM	0.55	2.01
205	Extruder Vent	PM	0.36	1.31
206A	Meter Tank Unit	Alkyl Halide	0.03	0.13
206B	Meter Tank Unit	Alkyl Halide	0.03	0.13
207	Flare	VOC	23.42	72.73
		NO _x	2.15	6.90
		CO	15.54	49.86
		SO ₂	<0.01	0.01
208	Fugitives (4)	VOC	2.55	11.17
209	Scrubber Vent	Titanium Halide	1.7	0.01
210	Scrubber Vent	Titanium Halide	0.39	0.01
211	Mixing Area BH	PM	0.55	2.41

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
212A	Additive Hopper Vent	PM	1.10	4.82
212B	Additive Hopper Vent	PM	1.10	4.82
213A	Loading Station Unit	PM	0.22	0.48
213B	Loading Station Unit	PM	0.22	0.48
213C	Loading Station Unit	PM	0.22	0.48
214	Spin Dryer	PM	0.38	1.40
215	Pellet Water Tank	VOC	<0.01	<0.01
216	Analyzer Vents	VOC	<0.01	<0.01
L7-CT	Cooling Tower	VOC	0.74	3.20

(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

SO₂ - sulfur dioxide

PM - particulate matter

CO - carbon monoxide

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) The VOC emissions shown at this EPN represent the total residual VOC emissions from the polymer after this point in the process.

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<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 _____