

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4140A

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
33	Storage Silo Filter			PM	0.61	1.22
34	Storage Silo Filter			PM	0.01	0.04
225, 226, 95-103, 121	Storage Silo Filters			PM	0.50	1.65
				VOC	0.37	1.44
114	Fluff Blender Vent Filter			PM	0.18	0.35
115	Start-up Silo Filter			PM	0.50	0.02
119, 120	Product Purge Vessel Vent Filters			VOC	5.50	22.00
108-111	D/E Extruder Feed Bin Vent Filters			PM	0.23	0.92
				VOC	0.37	1.44
122	System 16 Transfer Filter			PM	0.06	0.12
229	System 11 Transfer Filter			PM	<0.01	0.02
230	System 37 Transfer Filter			PM	<0.01	0.02
231	System 8 Transfer Filter			PM	<0.01	0.02

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
232	System 9 Transfer Filter			PM	<0.01	0.03
233	System 20 Transfer Filter			PM	<0.01	<0.01
239	System 19 Transfer Filter			PM	<0.01	0.02
241	System 5 Transfer Filter			PM	<0.01	<0.01
242	System 31 Transfer Filter			PM	<0.01	<0.01
32	Catalyst Preparation Vent Filter			PM	<0.01	<0.01
49	Silica Dehydrator Vent Filter			PM	<0.01	<0.01
71	Silica Blow Tank Filter			PM	<0.01	<0.01
73	Silica Storage Filters			PM	<0.01	<0.01
74	Silica Blow Tank Filter			PM	<0.01	<0.01
75	Catalyst Storage Vent Filters			PM	<0.01	<0.01
76, 77	Catalyst Feeder Vent Filters			PM	<0.01	<0.01

38	Cooling Tower (4)	PM	0.35	1.40
		VOC	0.41	1.64
47	Gas Phase Flare	VOC	9.50	8.90
		NO _x	0.75	0.90
		CO	3.75	4.50
48	Fugitives (4)	VOC	4.39	19.21

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- (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
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable 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 8,760

Dated_____