EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 6141A and PSD-TX-118M3

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
246	Large Flare	NO_x	16.77	1.43
		CO	85.45	7.27
		VOC	154.84	17.71
		Al_2O_3	2.28	0.10
479	No. 2 Silica Activator	Silica/Catalyst Dust	<0.01	<0.01
		VOC	127.89	10.24
480	No. 2 Silica Activator Blow Tank	Silica/Catalyst Dust	<0.01	<0.01
481	Silica Bin 6	Silica Dust	<0.01	
482	Silica Bin 7	Silica Dust	<0.01	<0.01
(Annual Emission Covers Emission Point Nos. (EPNs) 481 and 482 above)				
483	G-3 Blender Blow Tank	Catalyst Dust	<0.01	<0.01
484	Catalyst Bin 25	Catalyst Dust	<0.01	
485	Catalyst Bin 26	Catalyst Dust	<0.01	
486	Catalyst Bin 27	Catalyst Dust	<0.01	
487	Catalyst Bin 28	Catalyst Dust	<0.01	<0.01
(Annual Emission Covers EPNs 484-487 above)				

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
488	Middle Catalyst Blow Tank	Catalyst Dust	0.02	
489	North Catalyst Blow Tank	Catalyst Dust	0.02	
490	South Catalyst Blow Tank	Catalyst Dust	0.02	
771	Catalyst Blow Tank	Catalyst Dust	0.02	0.02
	(Annual Emission Covers EPNs 488-90 and 771 above)			
491	G-1 North Catalyst Feeder	Catalyst Dust	0.01	<0.01
492	G-1 South Catalyst Feeder	Catalyst Dust	0.01	<0.01
493	G-2 North Catalyst Feeder	Catalyst Dust	0.01	<0.01
494	G-2 South Catalyst Feeder	Catalyst Dust	0.01	<0.01
495	G-1 Seal System Vent	VOC	0.20	0.88
496	G-2 Seal System Vent	VOC	0.20	0.88
500	G-1 Fluid Bed Cooler	Polyethylene	0.1	0.03
		VOC	(See Combined Entry No. 1)	
501	G-2 Fluid Bed Cooler	Polyethylene	0.10	0.39
		VOC	(See Combined Entry No. 2)	

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
*****	**(Combined Allowables - Entry No. 1)**********			
500	G-1 Fluid Bed Cooler	VOC	14.36	15.71
504	Resin Bin 101			
505	Resin Bin 102			
506	Resin Bin 103			
591	P-1 Feed Hopper			
594	Pellet Dryer Vent			
1052	No. 1 Make Baghouse			
*****	**(Combined Allowables - Entry No. 2)**********			
501	G-2 Fluid Bed Cooler	VOC	12.01	10.14
507	Resin Bin 201			
508	Resin Bin 202			
509	Resin Bin 203			
1053	No. 2 Make Baghouse			
502	No. 1 Trim Vent	Polyethylene	0.10	<0.01
503	No. 2 Trim Vent	Polyethylene	0.10	0.04
504	Resin Bin No. 101	Polyethylene	See EPN 506	
		VOC	(See Combined Entry No. 1)	
505	Resin Bin No. 102	Polyethylene	See EPN 506	
		VOC	(See Combined Entry No. 1)	
506	Resin Bin No. 103	Polyethylene	0.10	0.32
		VOC	(See Combined Entry No. 1)	
	(Hourly and Annual Particulate Emissions Cover EPNs 504 - 506 above.)			
507	Resin Bin No. 201	Polyethylene	See EPN 509	
		VOC	(See Combined Entry No. 2)	
508	Resin Bin No. 202	Polyethylene	See EPN 509	

EMISSION SOURCE - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	(See Combined Entry No. 2)	
509	Resin Bin No. 203	Polyethylene	0.1	0.41
		VOC	(See Combined Entry No. 2)	
	(Hourly and Annual Particulate Emissions Cover EPNs 507-509, above.)			
510	No. 1 Transfer Conveyor Separator	Polyethylene	0.15	
511	No. 2 Transfer Conveyor Separator	Polyethylene	0.15	
768	Dedicated Transfer System	Polyethylene	0.15	0.73
	(Annual Emission Covers EPNs 510, 511, and 768, above.)			
512	No. 1 Loading Conveyor Separator	Polyethylene	0.15	
513	No. 2 Loading Conveyor Separator	Polyethylene	0.15	0.48
	(Annual Emission Covers EPNs 512 and 513, above.)			
514	Loading Additive Transfer System	Additive Dust	<0.01	<0.01
		Talc	0.13	<0.01
515	No. 1 Loading Additive Hopper	Additive/Talc Dust	<0.01	
516	No. 2 Loading Additive Hopper	Additive/Talc Dust	<0.01	0.04
	(Annual Emission Covers EPNs 515 and 516, above.)			
522	Unit Fugitives Block 26 (4)	VOC	11.64	48.76
523	Analyzer Vents	VOC	0.20	0.88
524	Pelleted Master Batch Baghouse	Polyethylene/Additive	0.02	<0.01
525	Granular Master Batch Baghouse	Polyethylene/Additive	0.04	<0.01

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
590	P1 Trim Bin Filter	Polyethylene	0.06	0.03
591	P1 Feed Hopper Filter	Polyethylene/Additive	0.01	0.05
		VOC	(See Combined Entry No. 1)	
592	P1 Additive (Granular) Filter	Additive Dust	<0.01	<0.01
593	P1 Additive (Pelleted) Filter	Additive Dust	<0.01	<0.01
594	P1 Pellet Dryer Exhaust	Polyethylene	0.5	1.2
		VOC	(See Combined Entry No. 1)	
595	P1 Elutriator Filter	Polyethylene Dust	0.05	0.12
705	Small Flare (5)	VOC	101.27	102.22
		NO_X	14.77	16.80
		CO	126.62	144.02
		Al_2O_3	2.28	2.08
		SO_2	0.89	0.19
705	Small Flare (6)	VOC	50.64	51.11
		NO_X	19.39	21.95
		CO	60.02	67.93
		Al_2O_3	2.28	2.08
		SO_2	0.89	0.19
761	Catalyst Bin 29	Catalyst Dust	0.02	<0.01
762	Catalyst Bin 30	Catalyst Dust	0.02	<0.01
765	Microtalc Filter	Talc Dust	0.12	0.02
765DFUG	Talc Unloading (4)	Talc Dust	1.67	0.05
766	Fugitives, Block 12 (4)	VOC	0.28	1.25

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
769	Fugitives, Block 17 (4)	VOC	0.33	1.45
1040	Additive Feeder	Additive Dust (Also Talc Dust)	<0.01	0.02
1052	No. 1 Granular Make Baghouse	Polyethylene Dust	0.10	0.03
		VOC	(See Combined Entry No. 1)	
1053	No. 2 Granular Make Baghouse	Polyethylene Dust	0.10	0.39
		VOC	(See Combined Entry No. 2)	
1054	P-1 Additive Conveyor	Additive Dust	<0.01	<0.01
1075D	Talc Feeder Vent Line	Talc Dust	0.04	0.17

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources use area name or fugitive source name.
(3) NO_X - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1.
Al_2O_3 - aluminum oxide
SO_2 - sulfur dioxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Emission rates are for the existing flare that will be replaced by a new flare to be constructed no later than December 31, 2001. These emission rates shall remain in effect until the new flare commences operation.
(6) Emission rates are for the new flare that will replace the existing small flare. This new flare shall be constructed no later than December 31, 2001. These emission rates shall become effective when the new flare commences operation.

* 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 ____