EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 18615

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
POPRCDST	Procedyne Unit		VOC	0.4	0.37
		PM	0.004	<0.01	
PP1001FE	Line 1 Process Fugitives (4)		VOC	22.51	98.61
		HCl	<0.01	0.03	
PP1002FE	Line 1 Additive Fugitives (4)		PM	0.38	0.38
PP1001LR	Xylene Loading		VOC	35.3	0.44
PP11600AVN	Pellet Dryer (5)		VOC	6.3	10.0
PP11800VN	BL-1800		PM	<0.01	0.02
PP1ATACBIN	Atatic Bin		VOC	32.00	1.50
PP1001AN	Analyzer Vent		VOC	0.14	0.61
PP1TSTBNVN	V-1800 A-H, J, K, L, M, N, and P		PM	<0.01	0.02
PP1STGVN	V-1819 A-D, V-1805 A-R, V-1868 A and B, 1802, 1817, and 1832		PM	0.13	0.09
PP11830VN	BL-1830		PM	<0.01	0.02
PP11835VN	Pkg Whs		PM/PM_{10}	0.31	1.36
PP12001ST	Heater 2001		PM/PM_{10}	0.01	0.046
		SO_2	0.02	0.09	
		NO_x	0.14	0.60	
		CO	0.12	0.50	
		VOC	0.01	0.03	
PP12200ATK	TK-2200A		VOC	0.19	0.18

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
PP12200BTK	TK-2200B	VOC	0.19	0.18
PP12201TK	TK-2201	VOC	2.1	0.51
PP12202TK	TK-2202	VOC	0.2	0.18
PP12203TK	TK-2203	IPA	18.34	0.28
PP12204TK	TK-2204	VOC	5.20	0.49
PP12206TK	TK-2206	VOC	16.7	0.44
PP12207TK	TK-2207	VOC	10.6	0.74
PP12237TK	TK-2237	IPA	18.34	0.28
PP12238TK	TK-2238	VOC	25.9	0.49
PP12263TK	TK-2263	IPA	18.34	0.46
PP12264TK	TK-2264	VOC	25.9	0.85
PP12266TK	TK-2266	VOC	16.9	0.33
PP3001FE	Process Fugitives (4)	VOC	18.73	82.0
PP3PRCDST	Procedyne Unit	VOC	0.4	0.37
		PM/PM_{10}	0.01	0.01
PP31465VN	Additive Vent	PM/PM_{10}	0.26	1.13
PP31865VN	Silo Vent	PM/PM_{10}	0.03	0.09
PP3001AN	Analyzer Vent	VOC	0.10	0.43
PP31860VN	Test Bin Vent	PM/PM_{10}	0.01	0.03
		VOC 7.5	20.0	
PP31478VN	Powder Additive	PM/PM_{10}	0.03	0.14
PP31470VN	Powder Additive	PM/PM_{10}	0.04	0.19

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
PP12100TK	Tank No. 2100	VOC	14.00	0.06
PP12101TK	Tank No. 2101	VOC	14.00	0.06
PO001FL	High-Pressure Polyolefin Flare	SO_2	0.04	0.16
		NO_X	3.62	5.56
		CO	32.8	50.2
		VOC	46.4	65.5
PP1LUWAVN	LUWA	VOC	2	8.76
PO901CT	Polyolefins Cooling Tower (6)	VOC	3.0	13.15

(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, suspended in the atmosphere, including PM_{10}
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
SO_2 - sulfur dioxide
NO_X - total oxides of nitrogen
CO - carbon monoxide
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
HCl - hydrochloric acid
IPA - isopropyl alcohol
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Includes emissions from Pellet Dryer EPNs PP11600BVN and PP11600CVN.
(6) The Polypropylene Cooling Tower authorized by Permit No. 16963 under EPN PP4026CT is also used by Polypropylene Lines 1 and 3. The emissions for EPN PP4026CT are provided in the MAERT of Permit No. 16963.

* 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 __February 21, 2002___