

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 3678

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
D1101MV	P2 Reactor Manual Vent	Propylene Oxide	0.10	0.10
		Other VOC	0.01	0.01
D1201MV	P2 Neutralizer Manual Vent	Propylene Oxide	0.25	0.03
		Other VOC	0.01	0.01
F1102APVA	P2 Intermediate Tank Vent	Propylene Oxide	0.16	0.01
		Other VOC	0.01	0.01
F1102APVB	P2 Intermediate Tank Vent	Propylene Oxide	0.16	0.01
		Other VOC	0.01	0.01
F1102BPVA	P2 Intermediate Tank Vent	Propylene Oxide	0.16	0.01
		Other VOC	0.01	0.01
F1102BPVB	P2 Intermediate Tank Vent	Propylene Oxide	0.16	0.01
		Other VOC	0.01	0.01
F1203PV	P2 Impurity Absorber Tank Vent	Propylene Oxide	0.01	0.01
		Other VOC	0.01	0.01
F1204APV	P2 Flash Drum Feed Tank Vent	Propylene Oxide	0.06	0.01
		Other VOC	0.01	0.01
F1204BPV	P2 Flash Drum Feed Tank Vent	Propylene Oxide	0.06	0.01
		Other VOC	0.01	0.01
F1205PV	P2 Stabilizer Tank Vent	VOC	0.01	0.01
F1305APV	P2 Rundown Tank Vets	VOC	0.01	0.01

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			lb/hr	TPY
F1305BPV	P2 Rundown Tank Vents	VOC	0.01	0.01
F1303APV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1303BPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1303CPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1303DPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1303EPV	P2 Propylene Glycol Tank Vents	VOC	0.03	0.01
F1303FPV	P2 Propylene Glycol Tank Vents	VOC	0.03	0.01
F1306APV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306BPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306CPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306DPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306EPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306FPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306GPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306HPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306JPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306KPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306LPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306MPV	P2 Product Storage Tank Vents	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			<u>lb/hr</u>	<u>TPY</u>
F1306NPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306PPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306VPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306WPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306XPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306YPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306ZPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306AAPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306BBPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306CCPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306DDPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306EEPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306FFPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306GGPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306HHPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306JJPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
F1306KKPV	P2 Product Storage Tank Vents	VOC	0.01	0.01
P2LE	P2 Loading Emissions	VOC	0.01	0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
P2PUFE	P2 Process Unit Fugitives (4)	Ethylene Oxide	0.02	0.06
		Propylene Oxide	0.03	0.09
		Other VOC	0.04	0.09
P1FL1	P1 Flare	NO <sub>x</sub>	0.01	0.04
		CO	0.07	0.29
		Other VOC	0.06	0.02
		Propylene Oxide	1.04	0.16

(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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO<sub>x</sub> - nitrogen oxides

CO - carbon monoxide

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

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

Dated February 28, 2003