EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 978B

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 **
EK-120	TCB Storage Tank	1,2,4-TCB	0.01	0.01
EK-212	Ethylene Glycol Storage Tank (J-212, J-214, and J-216) Carbon Canister	Ethylene Glycol	0.01	0.01
ED-565	Dicamba Absorber	Dicamba	0.04	0.16
EC-568	Dust Collector	PM	0.01	0.01
EA-506	D-505 Scrubber	Dicamba	1.74	7.57
ED-300A	Vent Scrubber	HCl	0.01	0.01
ED-300	HCl Unloading	HCl	0.04	0.04
EB-141	Tank Scrubber	HCl	0.45	0.02
ED-206A	Vent Absorber (5)	Dimethyl amine	0.27	0.02
ED-206B	D-206B Vent Absorber	Diglycol amine	0.01	0.01
EK-203	K-203 Flare	HCl	0.01	0.04
		Dimethyl ether	8.16	35.75
		MeOH	0.53	2.32
		Xylene	0.69	3.02
		CH_3Cl	0.01	0.01
		NO_x	0.83	3.64
		CO	7.14	31.27

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY **
		AIR CONTAMINANTS DATA		
EK-275	Dicamba Unit Fume Burner	HCl	2.50	0.45
		Cl_2	0.10	0.04
		NO_x	0.30	1.26
		MeOH	0.02	0.02
		CH_3Cl	0.01	0.01
		1,2,4-TCB	0.01	0.01
		PM_{10}	0.02	0.09
		CO	0.23	1.01
		VOC	0.26	1.09
EB-2	Boiler No. 2	PM_{10}	0.72	3.16
		NO_x	9.64	42.22
		CO	7.97	34.92
		VOC	0.52	2.29
		SO_2	0.06	0.25
EB-3	Boiler No. 3	PM_{10}	0.72	3.16
		NO_x	5.81	25.45
		CO	0.07	0.31
		VOC	0.52	2.29
		SO_2	0.06	0.25
F	Process Fugitives (4)	Xylene	0.02	0.07
		MeOH	0.01	0.06
		1,2,4-TCB	0.01	0.04
		CH_3Cl	0.01	0.02
		HCl	0.01	0.01
		Ethylene Glycol	0.01	0.03
		Cl_2	0.01	0.01
EWW-TR3	Carbon Canister	VOC	0.05	0.20
PC-1	Parts Cleaner	VOC	0.21	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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) 1,2,4-TCB - 1,2,4 trichlorobenzene
Dicamba - 3,6 dichloro-o-anisic acid (and isomers)
HCl - hydrogen chloride
Cl_2 - chlorine
NO_x - oxides of nitrogen
PM_{10} - particulate matter (PM) 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.
CO - carbon monoxide
SO_2 - sulfur dioxide
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
MeOH - methanol
CH_3Cl - methyl chloride
(4) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(5) Operations are limited to 200 hours per year.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:
8,760 Hrs/year.

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated June 2, 2008