

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Flexible Permit Number 4884

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**
E13P011	Tank 11001	VOC	0.02	0.02
		Acetone	0.13	0.12
E13P004	Tank 11002	VOC	0.02	0.02
		Acetone	0.13	0.12
E13P014	Tank 11005	VOC	0.02	0.02
		Acetone	0.13	0.12
E13A032	Tank 12612	VOC	0.02	0.03
		Acetone	1.75	3.43
E13A014	Tank 12635	VOC	0.02	0.01
E13A031	Tank 12651	VOC	6.14	0.03
E13A015	Tank 12652	VOC	6.55	0.09
		Acetone	0.12	0.01
E13A016	Tank 12653	VOC	6.55	0.09
		Acetone	0.12	0.01
E13A017	Tank 12654	VOC	6.55	0.09
		Acetone	0.12	0.01
E13A018	Tank 12655	VOC	6.55	0.09
		Acetone	0.12	0.01
E13A024	Tank 12663	VOC	1.86	0.01

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E13A025	Tank 12664	VOC	1.86	0.01
E13A023	Tank 12665	VOC	0.02	0.02
		Acetone	2.79	1.80
E13C004	Tank 12802	Acetone	0.01	0.01
E13C009	Tank 12805	VOC	0.19	0.01
E13B018	Tank 12902	VOC	0.01	0.01
E13B019	Tank 12903	VOC	0.01	0.01
E13B020	Tank 12904	VOC	0.01	0.01
E13L022	TA3 Vent Scrubber	VOC	0.79	0.72
		Acetone	13.00	4.02
E10C060	Syn Gas Flare	VOC	1.88	0.24
		Acetone	2.24	1.19
		NO _x	0.21	0.92
		CO	1.07	4.70
		Methyl Acetate	1.83	0.88
		HCl	0.39	0.03
E13G025	East Tails Dissolver	VOC	0.49	0.01
		Acetone	37.70	0.27
E13K006	Hydroquinone Tank	VOC	0.01	0.01
E13K010	Roll-Off Box	VOC	0.26	0.33
D13R500TT	500 Tank Truck Rack	VOC	0.20	0.01
E13S201	Bulk Filter Receiver	PM	0.02	0.09
E13S205	Bulk Dust Filter	PM	0.01	0.01
E13S224	No. 1 Filter Receiver	PM	0.01	0.03

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E13S212	No. 2 Filter Receiver	PM	0.01	0.03
E13S221	Bag Claim Filter Receiver	PM	0.01	0.01
E13S222	Bag Line Dust Collector	PM	0.24	1.05
E13S223	Floor Sweeper Dust Collector	PM	0.01	0.01
E20A002	Baghouse	PM	0.01	0.04
E20A003	Filter Sock	PM	0.02	0.10
E20A007	123 Transfer Receiver	PM	0.01	0.05
E20A005	500 Transfer Receiver	PM	0.01	0.02
E20A004	Caustic Scrubber	VOC	0.14	0.62
		Acetone	0.26	1.12
		Methyl Acetate	0.33	1.43
E13G027	Maleic Acid Condenser	VOC	0.01	0.01
E13H060	Carbon Bed #1	VOC	1.41	1.25
		Acetone	3.30	1.24
E13H061	Carbon Bed #2	VOC	12.43	4.01
		Acetone	22.42	8.40
E13H062	Carbon Bed #3	VOC	3.03	8.75
		Acetone	14.69	4.80
E13H063	Carbon Bed #4	VOC	23.11	10.02
		Acetone	44.76	20.31
E13H064	Carbon Bed #5	VOC	28.36	12.90
		Methyl Acetate	3.37	3.02

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E20A006	Carbon Bed #6	VOC	30.61	23.13
		Methyl Acetate	2.77	1.85
E13A002-01	SVR Component Fugitives	VOC	2.19	9.58
		Acetone	3.56	15.59
		Methyl Acetate	0.69	3.02
		Vinyl Chloride	1.19	5.21
E13K002	Nonane Extractor 500	VOC	0.01	0.01
		Acetone	0.01	0.01
E13K003	Nonane Extractor 510	VOC	0.01	0.01
		Acetone	0.01	0.01
E13K004	Acid Extractor 520	VOC	0.01	0.01
		Acetone	0.01	0.01
T13ANGLYCL	117 Glycol Tank North	VOC	0.01	0.01
W13A001-2	Wastewater Conveyances	VOC	0.20	0.86
		Acetone	0.52	2.27
		Methyl Acetate	0.09	0.39
E22E170	Building 170 Product Storage	VOC	0.57	1.56
		Acetone	0.66	1.82
		Methyl Acetate	0.59	1.61

(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 an area name or fugitive source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

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

NO_x - total oxides of nitrogen

PM - particulate matter, suspended in the atmosphere

CO - carbon monoxide

HCl - hydrogen chloride

(4) Emission rate is an estimate and compliance is demonstrated by meeting the requirements of the applicable special conditions and permit application representations.

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- * 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

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

Dated July 7, 2009