

EMISSION SOURCES -- MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 28315

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

<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
TR-01, TR-02	Filter Press	VOC	--	0.014
TR-01	Vent Hood No. 1	VOC	0.062	--
TR-02	Vent Hood No. 2	VOC	0.062	--
TR-03	Filter Pre-Coat Tank	VOC	0.234	0.014
TR-04	Filter Feed Tank	VOC	0.083	0.030
TR-05	Maintenance Drain Tank	VOC	7.69	<0.001
TR-06	Hot Oil Storage Tank	VOC	0.002	<0.001
TR-07	Co-Product Storage	VOC	0.226	0.016
TR-08, TR-09 TR-10	Product Blend Tanks	VOC	--	0.115
TR-08	Blend Tank No. 1	VOC	0.228	--
TR-09	Blend Tank No. 2	VOC	0.228	--
TR-10	Blend Tank No. 3	VOC	0.228	--
TR-11, TR-12 TR-13, TR-14, TR-15	Product Storage	VOC	--	0.207
TR-11	Product Storage Tank No. 1	VOC		0.228
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TR-12	Product Storage Tank No. 2 --	VOC	0.228
TR-13	Product Storage Tank No. 3 --	VOC	0.228

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<u>Emission</u> *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
TR-14	Product Storage Tank No. 4 --	VOC		0.228
TR-15	Product Storage Tank No. 5 --	VOC		0.228
TR-16, TR-17	Truck Loading	VOC	--	0.087
TR-16	Truck Loading	VOC	0.228	--
TR-17	Truck Loading	VOC	0.228	--
TR-18, TR-19	Railcar Loading	VOC	--	0.087
TR-18	Railcar Loading	VOC	0.228	--
TR-19	Railcar Loading	VOC	0.228	--
TR-30	Filter Aid Addition	PM	0.082	0.065
TR-31	BHT Addition Tote	VOC	0.240	<0.001
TR-34	Flare	VOC	4.13	1.25
		NO _x	2.56	1.48
		CO	13.06	7.55
TR-35	Fugitives (4)	VOC	0.313	1.370
TR-36	Degas Vacuum System	VOC	0.002	0.009
TR-37	Evaporator Vacuum System 0.001	VOC		0.001

TR-38	Ring Pump Water Purge Tank <0.001	VOC	<0.001
TR-39	BHT Feed Tank	VOC	0.399
TR-40	Hot Oil Expansion Tank	VOC	0.154
TR-41	S.D. Feed Tank	VOC	0.846

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- (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
VOC - volatile organic compounds as defined in General Rule 101.1
NO_x - total oxides of nitrogen
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

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

Dated_____