

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 6237

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
FD003	Tank FD003	VOC	0.03	<0.01
FD004	Tank FD004	VOC	0.03	<0.01
FD005	Tank FD005	VOC	0.65	0.02
FD006	Tank FD006	VOC	0.65	0.02
FD007	Tank FD007	VOC	0.65	0.02
FD008	Tank FD008	VOC	0.65	0.02
FE001	Tank FE001	VOC	0.21	<0.01
FE002	Tank FE002	VOC	0.21	<0.01
FE003	Tank FE003	VOC	0.21	<0.01
FE004	Tank FE004	VOC	0.21	<0.01
FE005	Tank FE005	VOC	0.21	<0.01
FE006	Tank FE006	VOC	0.21	<0.01
FE007	Tank FE007	VOC	0.21	<0.01
FE008	Tank FE008	VOC	0.21	<0.01
FE009	Tank FE009	VOC	0.21	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
FE010	Tank FE010	VOC	0.58	0.01
FE011	Tank FE011	VOC	0.58	0.01
FE012	Tank FE012	VOC	0.58	<0.01
FE013	Tank FE013	VOC	0.22	<0.01
FE014	Tank FE014	VOC	0.20	<0.01
FE015	Tank FE015	VOC	0.20	<0.01
FE016	Tank FE016	VOC	1.67	<0.01
FE017	Tank FE017	VOC	0.20	<0.01
FE021	Tank FE021	VOC	0.20	0.02
TB017	Tank TB017	VOC	<0.01	<0.01
TD002	Tank TD002	VOC	0.72	0.03
TD003	Tank TD003	VOC	0.72	0.03
TD006	Tank TD006	VOC	0.72	0.03
TD008	Tank TD008	VOC	0.70	0.04
TD009	Tank TD009	VOC	0.70	0.04
TD012	Tank TD012	VOC	0.70	0.04
TD013	Tank TD013	VOC	0.70	0.04
TD014	Tank TD014	VOC	0.70	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
TD015	Tank TD015	VOC	0.70	0.04
TD022	Tank TD022	VOC	0.70	0.03
TE002	Tank TE022	VOC	0.17	<0.01
TE003	Tank TE003	VOC	0.27	<0.01
TE004	Tank TE004	VOC	0.07	<0.01
TE005	Tank TE005	VOC	0.17	<0.01
TE006	Tank TE006	VOC	0.23	0.01
TE007	Tank TE007	VOC	0.23	0.01
TE008	Tank TE008	VOC	0.20	0.02
TE009	Tank TE009	VOC	0.20	0.02
TE010	Tank TE010	VOC	0.17	0.03
TE013	Tank TE013	VOC	0.18	0.04
TE014	Tank TE014	VOC	0.17	0.03
TE018	Tank TE018	VOC	0.17	<0.01
TE019	Tank TE019	VOC	0.17	0.03
TE020	Tank TE020	VOC	0.17	0.03
TE022	Tank TE022	VOC	0.18	0.04
TE023	Tank TE023	VOC	0.51	0.03

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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>
TE031	Tank TE031	VOC	0.17	0.03
TE032	Tank TE032	VOC	0.17	0.03
TE033	Tank TE033	VOC	<0.01	<0.01
TE035	Tank TE035	VOC	0.14	<0.01
TE036	Tank TE036	VOC	0.17	0.03
TE037	Tank TE037	VOC	0.17	0.03
TE038	Tank TE038	VOC	<0.01	<0.01
TE044	Tank TE044	VOC	0.17	0.02
TE045	Tank TE045	VOC	<0.01	<0.01
TE046	Tank TE046	VOC	0.17	0.02
TE047	Tank TE047	VOC	0.17	0.02
TE048	Tank TE048	VOC	0.17	0.03
TE057	Tank TE057	VOC	0.17	0.03
TE058	Tank TE058	VOC	0.17	0.03
TE059	Tank TE059	VOC	<0.01	<0.01
TE061	Tank TE061	VOC	0.17	0.04
TE063	Tank TE063	VOC	0.03	<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>
TE064	Tank TE064	VOC	0.17	<0.01
TE065	Tank TE065	VOC	0.17	<0.01
TE067	Tank TE067	VOC	0.17	0.02
TE077	Tank TE077	VOC	0.18	0.09
TE078	Tank TE078	VOC	0.17	0.09
TE080	Tank TE080	VOC	0.14	<0.01
TE081	Tank TE081	VOC	<0.01	<0.01
TE082	Tank TE082	VOC	1.44	0.04
TE083	Tank TE083	VOC	0.17	0.09
TE084	Tank TE084	VOC	0.17	0.02
TE085	Tank TE085	VOC	0.59	0.09
TE105	Tank TE105	VOC	0.17	0.02
TE131	Tank TE131	VOC	0.17	0.03
TE132	Tank TE132	VOC	0.17	0.03
TE133	Tank TE133	VOC	0.17	0.05
TG001	Tank TG001	VOC	0.62	0.07
TG002	Tank TG002	VOC	0.62	0.07
TG003	Tank TG003	VOC	0.51	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>
TG029	Tank TG029	VOC	0.62	0.07
TG030	Tank TG030	VOC	0.62	0.07
TG031	Tank TG031	VOC	<0.01	<0.01
TG032	Tank TG032	VOC	0.62	0.07
TG033	Tank TG033	VOC	0.62	0.07
TG036	Tank TG036	VOC	0.60	0.23
TG037	Tank TG037	VOC	0.04	<0.01
TG043	Tank TG043	VOC	5.72	0.06
TG044	Tank TG044	VOC	<0.01	<0.01
FG055	FG055 Reactor Vent	VOC	<0.01	<0.01
FE029 ONLY	Scrubber FE029	VOC	EMERGENCY USE	
TRUCK	Truck Loading Rack (4) (5)	VOC	0.79	0.21
		Formaldehyde	0.08	< 0.01
		Methanol	< 0.01	<0.01
RAIL	Rail Loading Rack (4) (5)	VOC	0.79	0.21
UF349	Cooling Towers (4)	VOC	0.67	2.94
GKETT	G-Kettle Fugitive Area (4)	VOC	0.13	0.57
TK1	TK1 Fugitive Area (4)	VOC	0.08	0.37

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
TK2	TK2 Fugitive Area (4)	VOC	<0.01	0.02
TK3	TK3 Fugitive Area (4)	VOC	0.02	0.08
TK4	TK4 Fugitive Area (4)	VOC	0.03	0.15
TK5	TK5 Fugitive Area (4)	VOC	0.02	0.08
TK6	TK6 Fugitive Area (4)	VOC	0.23	1.02
TK7	TK7 Fugitive Area (4)	VOC	0.02	0.09
DKETT	D-Kettle Fugitive Area (4)	VOC	0.31	1.38
RE022	Thermal Oxidizer RE022	VOC	0.01	0.01
RF060	Flare RF060	VOC	8.56	6.42
		NO _x	1.60	2.83
		CO	3.20	5.60

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

NO_x - oxides of nitrogen

CO - carbon monoxide

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

(5) TRUCK and RAIL emission points share the annual emission limit of 0.21 tpy and the same hourly emission limit of 0.79 pounds/hour (cumulative allowable).

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

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Emission	Source	Air Contaminant	<u>Emission Rates *</u>	
Point No. (1)	Name (2)	Name (3)	<u>lb/hr</u>	<u>TPY</u>

_____Hrs/day _____Days/week _____Weeks/year or 8,760 Hrs/year

Dated _____