

Emission Sources - Maximum Allowable Emission Rates

Permit Number 56469

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
774-132E	6,000 Gallon Additive Tank	VOC	0.28	0.01
774-132W	6,000 Gallon Additive Tank	VOC	0.28	0.01
774-133W	6,000 Gallon Additive Tank	VOC	2.48	0.03
774-137M	6,000 Gallon Additive Tank	VOC	0.01	0.01
774-137W	564 Gallon Additive Tank	VOC	1.00	0.05
774-138N	12,373 Gallon Additive Tank	VOC	4.45	0.06
774-138S	12,373 Gallon Additive Tank	VOC	4.45	0.06
774-160	6,000 Gallon Additive Tank	VOC	16.15	0.40
774-163M	1,000 Gallon Additive Tank	VOC	0.02	0.01
774-163W	6,000 Gallon Additive Tank	VOC	0.27	0.01
TK-283	37,632 Gallon Additive Tank	VOC	3.23	0.13
TK-284	37,632 Gallon Additive Tank	VOC	3.23	0.13
TC and RAILDIST	Railcar Loading	VOC	19.97	9.71
TT	Truck Loading	VOC	12.26	1.73
VCU	Truck/Railcar Vapor Combustor Unit	VOC	58.87	17.74
		CO	59.89	18.17
		NO _x	15.04	4.56
BYARD-FUG	Fugitives (5) - B Yard	VOC	0.06	0.28
BDFUG	Piping Component Fugitives (5) - Butadiene Service	VOC	0.73	3.21
RAILDISTFUG	Piping Component Fugitives (5) -	VOC	0.03	0.11

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	Railcar Loading			
FLO	Butadiene Flare	VOC	51.03	5.11
		CO	57.37	3.30
		NO _x	28.74	1.65
		SO ₂	0.10	0.01
DEGREASER	Degreaser	VOC	3.69	2.87

- (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
CO - carbon monoxide
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: September 10, 2012