

Emission Sources - Maximum Allowable Emission Rates
Permit Number 8986

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
COMP-1	Compressor Engine 1	CO	4.30	18.83
		NOx	0.72	3.15
		PM	0.10	0.44
		SO2	<0.01	.01
		VOC	0.33	1.45
		CH2O	0.21	0.92
FUG	Fugitives	VOC	1.78	7.79
		H2S	0.02	0.08
FLAREVT	Condensate Flare	CO	0.04	0.18
		NOx	0.02	0.09
		SO2	0.80	3.52
		VOC	1.88	0.71
		H2S	0.01	0.04
LOAD1	Truck Loading	VOC	4.62	0.50
THERMOX	Thermal Oxidizer	CO	23.62	103.46
		NOx	3.87	16.95
		PM	0.16	0.70
		SO2	37.63	164.82
		VOC	0.12	0.53
		H2S	0.41	1.80

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GLYREBVT	Glycol Reboiler No. 1	CO	0.12	0.53
		NOx	0.15	0.66
		PM	0.01	0.04
		SO2	<0.01	<0.01
		VOC	0.15	0.67
BOILA	Auxiliary Boiler A	CO	2.39	10.47
		NOx	2.84	12.44
		PM	0.22	0.96
		SO2	0.02	0.09
		VOC	0.16	0.70
BOILB	Auxiliary Boiler B	CO	2.39	10.47
		NOx	2.84	12.44
		PM	0.22	0.96
		SO2	0.02	0.09
		VOC	0.16	0.70
SCOT	SCOT Auxiliary Boiler	CO	0.82	3.59
		NOx	0.98	4.29
		PM	0.07	0.31
		SO2	<0.01	0.03
		VOC	0.05	0.22
PIT	Sulfur Pit Vent	SO2	0.90	3.94
		H2S	0.80	3.50
LOAD	Sulfur Loading	SO2	1.35	5.91
		H2S	1.20	5.26
-Permit by Rule (PBR) and Standard Permit Sources Incorporated by Reference-				

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Sources remain authorized by the PBR and/or Standard Permit indicated below:				
COMP-2 (PBR Reg. No. 71046)	Compressor Engine 2	CO	4.83	21.16
		NO _x	0.80	3.50
		PM	0.11	0.48
		SO ₂	<0.01	0.02
		VOC	0.16	0.70
		CH ₂ O	0.02	0.09
FLAREPLANT (PBR Reg. No. 71046)	Compressor Engine 2 Blowdown	VOC	0.14	<0.01
		H ₂ S	0.05	<0.01
FLAREPLANT (PBR Reg. No. 71046)	Compressor Engine 2 Starter Vent	VOC	0.14	<0.01
		H ₂ S	0.05	<0.01
COMP-2-FUG (PBR Reg. No. 71046)	Compressor Engine 2 Fugitives	VOC	0.14	0.62
		H ₂ S	0.08	0.32
CSU-FUG (PBR Reg. No. 71046)	Condensate Stabilization Unit Fugitives	VOC	0.13	0.58
		H ₂ S	0.02	0.07
FLAREPLANT (Std. Permit No. 90652)	Emergency Plant Flare	CO	0.11	0.49
		NO _x	0.06	0.23
		SO ₂	<0.01	<0.01
		VOC	<0.01	0.01

(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 - total oxides of nitrogen
 SO₂ - sulfur dioxide
 H₂S - hydrogen sulfide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

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CO - carbon monoxide

(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: November 6, 2012