

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 49044

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*
V1 and V2	Exterior Coating	VOC	95.00	25.00
		PM	0.10	0.02
V3	Interior Coating	VOC	45.00	8.00
		PM	0.06	0.02
V5 through V12	New Interior Coating	VOC	73.48	25.00
		PM	0.06	0.01
BLAST1	Enclosed Blast Unit 1	PM	1.46	5.45
		PM ₁₀	0.17	0.65
BLAST2	Enclosed Blast Unit 2	PM	0.07	0.30
		PM ₁₀	0.01	0.04
FLAREONE	Flare	VOC	59.75	5.98
		CO	7.40	5.02
		NO _x	2.91	1.98
		SO ₂	0.03	0.02
		Ammonia	1.52	0.30
		Acetone	6.97	0.70
SWEEP FUG	Railcar Sweeping Fugitives	PM	0.01	0.01
		PM ₁₀	0.01	0.01
		PM _{2.5}	0.01	0.01
CLEANRACK	Degassing/Cleaning Rack	VOC	7.32	0.73
		Acetone	6.83	0.16

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			lb/hr	TPY*
BOILER 1 (4)		VOC	0.05	0.20
		CO	0.69	3.02
		NO _x	0.82	3.59
		PM	0.06	0.27
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.06	0.27
		SO ₂	0.03	0.11
V4 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
V3 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
V3 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04

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			lb/hr	TPY*
V3 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
V5& V6 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
V7 & V8 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
V9 & V10 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY*
V11 & V12 (4)	Heater	VOC	0.02	0.07
		CO	0.25	1.08
		NO _x	0.29	1.29
		PM	0.02	0.10
		PM ₁₀	0.02	0.10
		PM _{2.5}	0.02	0.10
		SO ₂	0.01	0.04
SITEWIDE	Various	Individual HAP		<10.00
		Total HAPs		<25.00

(1) Emission point identification.

(2) Specific point source names.

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

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) This emission points are listed for reference only and are authorized under PBR 30 TAC §106.183.

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

Dated: July 14, 2010