

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 79661

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 (4)
DC-1-1	Building 1 Dust Collector No. 1	PM	2.14	9.39
DC-1-2	Building 1 Dust Collector No. 2	PM	2.14	9.39
DC-5-1	Building 5 Dust Collector No. 1	PM	2.57	11.26
DC-11-1	Building 11 Dust Collector No. 1	PM	2.57	11.26
DC-14-1	Building 14 Dust Collector No. 1	PM	1.71	7.51
H-1-1 and H-1-2	Building 1 Natural Gas-Fired Heater Nos. 1 and 2	NO _x	0.06	0.24
		CO	0.05	0.20
		VOC	<0.01	0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	0.02
H-2-1, H-2-2, and H-2-3	Building 2 Natural Gas-Fired Heater Nos. 1, 2, and 3	NO _x	0.07	0.31
		CO	0.06	0.26
		VOC	<0.01	0.02
		SO ₂	<0.01	<0.01
		PM	<0.01	0.02
H-5-1, H-5-2, and H-5-3	Building 5 Natural Gas-Fired Heater Nos. 1, 2, and 3	NO _x	0.09	0.41
		CO	0.08	0.35
		VOC	<0.01	0.02
		SO ₂	<0.01	<0.01
		PM	<0.01	0.03
H-10-1	Building 5 Air Makeup	NO _x	0.48	2.09
		CO	0.40	1.75

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H-11-1	System Heater No. 1	VOC	0.03	0.11
		SO ₂	<0.01	<0.01
		PM	0.04	0.16
	Building 11 Natural Gas-Fired Heater No. 1	NO _x	0.03	0.12
		CO	0.02	0.10
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	<0.01
H-12-1 and H-12-2	Building 12 Natural Gas-Fired Heater Nos. 1 and 2	NO _x	0.06	0.24
		CO	0.05	0.20
		VOC	<0.01	0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	0.02
H-13-1 and H-13-2	Building 13 Natural Gas-Fired Heater Nos. 1 and 2	NO _x	0.06	0.24
		CO	0.05	0.20
		VOC	<0.01	0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	0.02
B-10-1a and B-10-1b	Building 10 Stain Booth	VOC	3.86	*
		Acetone	21.92	*
		PM	<0.01	<0.01
B-10-2a and B-10-2b	Building 10 Sealer Booth	VOC	11.44	*
		Acetone	11.98	*
		PM	0.14	0.14
B-10-3a and B-10-3b	Building 10 Topcoat Booth	VOC	11.44	*
		Acetone	11.98	*
		PM	0.14	0.14
B-14-1a and B-14-1b	Building 14 Countertop Finishing	PM	0.08	0.36
B-14-2a and B-14-2b	Building 14 Countertop Finishing	VOC	33.04	12.88
		Acetone	20.92	8.16
		PM	0.12	0.04
FUG-1	Building 1 Fugitives	PM	<0.01	<0.01
FUG-10	Building 10 Fugitives	VOC	3.65	*

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FUG-14	Building 14 Fugitives	Acetone	6.25	*
		VOC	46.45	18.63
		Acetone	15.36	6.05
		PM	<0.01	0.01
B-10-1a, B-10-1b, B-10-2a, B-10-2b, B-10-3a, B-10-3b, and FUG-10	Building 10 Stain Booth, Building 10 Sealer Booth, Building 10 Topcoat Booth, and Building 10 Fugitives	VOC Plus Acetone		79.50*
ALL	Various	Individual HAP		<10.00
		Total HAPs		<25.00

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
- (3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

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

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

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

CO - carbon monoxide

HAP - any air contaminant (pollutant) listed in § 112(b) of the Federal Clean Air Act or Title 40 Code

of Federal Regulations (40 CFR) Part 63, Subpart C

- (4) Compliance with annual emission limits is based on a rolling 12-month period.

* The total emissions of VOC plus acetone from Building 10 sources shall not exceed 79.50 tons per year.

Dated July 5, 2007