

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	0.64	2.82
DC-1-2	Building 1 Dust Collector No. 2	PM	0.64	2.82
DC-5-1	Building 5 Dust Collector No. 1	PM	0.77	3.38
DC-9-1	Building 9 Dust Collector No. 1	PM	0.46	2.03
DC-10-1	Building 10 Dust Collector No. 1	PM	0.77	3.38
DC-14-1	Building 14 Dust Collector No. 1	PM	0.51	2.25
DC-28-1	Building 28 Dust Collector No. 1	PM	0.05	0.20
DC-29-1	Building 29 Dust Collector No. 1	PM	0.05	0.20
DC-30-1	Building 30 Dust Collector No. 1	PM	0.19	0.84
H-1-1, H-1-2, and H-1-3	Building 1 Natural Gas-Fired Heater Nos. 1, 2, and 3	NO _x	0.19	0.80
		CO	0.16	0.67
		VOC	<0.01	0.04
		SO ₂	<0.01	<0.01
		PM	<0.01	0.06
H-2-1, H-2-2,	Building 2 Natural	NO _x	0.07	0.31

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

and H-2-3	Gas-Fired Heater Nos. 1, 2, and 3	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-9-1	Building 9 Natural Gas-Fired Air Makeup System Heater No. 1	NO _x	0.48	2.09
		CO	0.40	1.75
		VOC	0.03	0.11
		SO ₂	<0.01	0.01
		PM	0.04	0.16
H-10-1	Building 10 Natural Gas-Fired Air Makeup System 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-11-1 and 11- 2	Building 11 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-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-20-1	Building 20 Natural Gas-Fired Boiler No. 1	NO _x	0.33	1.46
		CO	0.28	1.23
		VOC	0.02	0.08
		SO ₂	<0.01	<0.01
		PM	0.03	0.11
H-28-1	Building 28 Natural Gas-Fired Heater	NO _x	0.03	0.13
		CO	0.02	0.11
		VOC	<0.01	<0.01

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

H-29-1	No. 1 Building 29 Natural Gas-Fired Heater No. 1	SO ₂	<0.01	<0.01
		PM	<0.01	<0.01
		NO _x	0.03	0.13
		CO	0.02	0.11
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	<0.01
H-30-1	Building 30 Natural Gas-Fired Heater No. 1	NO _x	0.03	0.13
		CO	0.02	0.11
		VOC	<0.01	<0.01
		SO ₂	<0.01	<0.01
		PM	<0.01	<0.01
B-9-1a and B-9-1b	Building 9 Stain Booth (Automated)	VOC	4.69	5.40
		PM	0.18	0.21
B-9-1c	Building 9 Stain Booth (Manual)	VOC	3.37	0.47
		PM	0.06	0.01
B-9-2a, B-9-2b, B-9-2c, and B-9-2d	Building 9 Sealer Booth	VOC	0.38	3.83
		PM	0.03	0.34
B-9-3a, B-9-3b, B-9-3c, and B-9-3d	Building 9 Topcoat Booth	VOC	0.38	3.83
		PM	0.03	0.34
B-14-1a	Building 14 Countertop Finishing Stack 1a	VOC	17.25	6.73
		Exempt Solvent	5.46	2.13
		PM	0.04	0.02
B-14-2b	Building 14 Countertop Finishing Stack 2b	Exempt Solvent	5.46	2.13
B-29-1a	Building 19 Stack 1a	VOC	8.99	1.17
B-30-1a	Building 30 Stack 1a	VOC	25.88	10.09
		Exempt Solvent	16.38	6.39
		PM	0.07	0.03
FUG-9	Building 9 Fugitives	VOC	1.74	0.57

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

FUG-14	Building 14 Fugitives	VOC	30.67	25.31
		Exempt Solvent	5.37	3.57
		PM	0.42	1.83
FUG-28	Building 28 Fugitives	VOC	12.00	1.56
FUG-29	Building 29 Fugitives	VOC	7.36	0.96
FUG-30	Building 30 Fugitives	VOC	5.68	2.22
		Exempt Solvent	3.60	1.40
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 Part 63, Subpart C

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

Dated July 6, 2009