

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point Grouping (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>

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Permit No. 16786

The total emissions of air contaminants from any of the sources listed on this table shall not exceed the stated values. The annual tons per year emission rates are based on a rolling 12-month period.

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<u>Point Grouping (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
South (2B, 19B ¹ , 26C, 32A, 32C ¹ , 32D, 36, 53A, 53B, 54E, 54F, 60, 62, and 232	South Building	VOC	9.70	14.86
		Exempt VOC	5.90	14.70
		Inorganics	1.19	2.90
		POC	<0.01	<0.01
S28AB (28A ² and 28B ²)	South Building	VOC	0.12	0.49
		Exempt VOC	1.53	6.57
		Inorganics	1.24	3.43
		POC	0.09	0.01
S204207 (204 ¹ , 205 ¹ , 206 ¹ , and 207 ¹)	South Building	Exempt VOC	0.02	0.08
		Inorganics	1.00	1.80
S109110 (109 and 110)	South Building	Exempt VOC	0.09	0.20
		Inorganics	<0.01	<0.01
		POC	2.33	10.22
S217 (217 ⁵)	South Building	VOC	1.44	3.26
		Exempt VOC	2.72	9.31
		Inorganics	4.45	7.40
		POC	0.29	0.61
S55 (55)	South Building	VOC	2.96	6.65

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		Exempt VOC	3.52	8.01
SEPI (EPI1 ¹ , EPI2 ¹ , EPI3 ¹ , EPI4 ¹ , and EPI5 ¹)	South Building	Exempt VOC	0.09	0.09
		Inorganics	0.15	0.50
Dallas (101 and 103)	Dallas Support Building	VOC	0.36	0.93
		Exempt VOC	3.48	7.60
		Inorganics	<0.01	0.02
		POC	<0.01	<0.01
QTZ (200 ¹)	Dallas Support Building	Exempt VOC	0.09	0.09
		Inorganics	0.14	0.54
Security (11 and 52)	Security Building	VOC	0.69	1.56
		Exempt VOC	1.11	2.47
		Inorganics	0.16	0.35
Time (74)	Time Building	VOC (4)	1.06	2.21
		Exempt VOC (4)	3.33	7.40
		Inorganics (4)	0.15	0.34
		POC (4)	0.31	0.68
D4AC (238 ³)	DMOS 4 Building	Exempt VOC	15.00	36.07
		Inorganics	1.96	5.53
		POC	<0.01	<0.01
D4AM (D4AM ²)	DMOS 4 Building	Inorganics	1.23	4.51
East 51E (51E)	DMOS 4 Building	VOC	Emergency	release
		Exempt VOC	only 0.03	<0.01
		POC	Emergency	release
CUP (99, CUP1, CUP2, CUP3, CUP4, and CGB ⁷)	Central Utility Plant	VOC	4.39	8.16
		Exempt VOC	8.05	17.54
		Inorganics	0.05	0.01
		VOC (Combustion) (4)	2.96	12.71
		NO _x (4)	41.93	108.13

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			lb/hr	TPY
		SO _x (4)	3.17	1.48
		PM (4)	8.95	18.62
		CO (4)	16.83	73.65
Solvent (213)	Solvent Building	VOC	4.68	7.62
		Exempt VOC	4.73	10.79
		Inorganics	<0.01	0.01
		POC	<0.01	<0.01
D5COR (208 ³ , 209 ² , 219 ³ , and 220 ²)	DMOS 5 Building	Exempt VOC	3.70	6.00
		Inorganics	1.97	6.63
		POC	<0.01	<0.01
D5VOC (210 ⁸ and 218 ⁸)	DMOS 5 Building	VOC	7.24	21.63
		Exempt VOC	1.15	4.24
		Inorganics	0.28	0.69
		VOC (5)	0.04	0.16
		PM	0.08	0.34
		NO _x	7.49	32.81
		CO	6.08	26.63
		SO ₂	<0.01	0.02
D6COR (222 ⁶ , 223 ⁶ , and 224 ²)	DMOS 6 Building	Exempt VOC	0.20	0.48
		Inorganics	5.23	17.84
		POC	1.20	5.26
D6VOC (221 ⁹)	DMOS 6 Building	VOC	1.00	4.39
		Exempt VOC	0.29	0.46
		VOC (5)	0.02	0.10
		PM	0.04	0.16
		NO _x	1.80	7.88
		CO	2.19	9.60
		SO ₂	<0.01	0.01
RD1COR (226 ⁴ and 234 ²)		Kilby Center 3.74	Exempt VOC	1.71
		Inorganics	1.29	3.23
		POC 0.70	3.05	

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RD1VOC (225 ⁸)	Kilby Center and South Building	VOC	6.35	12.95
		Exempt VOC	5.71	13.11
		Inorganics	0.25	0.52
		VOC (5)	0.05	0.21
		PM	0.08	0.34
		NO _x	5.87	25.78
		CO	4.78	20.92
		SO ₂	0.05	0.20
EBGEN (DM4GEN and DM5GEN)	DMOS 4 and DMOS 5 Buildings	VOC	1.14	5.00
SBST (SBST1 and SBST2)	South Building	VOC	0.32	1.59
		Exempt VOC	0.02	0.07
EBST (D4ST1, D4ST2, D4ST3, and D4ST4)	DMOS 4 Building	VOC	1.01	4.44
		Exempt VOC	0.04	0.18

(1) Emission points within groupings are shown in parenthesis.

(2) Sources may operate 8,760 hours per year.

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

Exempt VOC - organic compounds specifically excluded in the definition of VOC in 30 TAC Section 101.1

PM - particulate matter, suspended in the atmosphere, including PM₁₀.

PM₁₀ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.

NO_x - nitrogen oxides

SO_x - sulfur oxides

SO₂ - sulfur dioxide

CO - carbon monoxide

POC - products of combustion including NO_x, SO_x, CO, VOC, and PM
Inorganics - acids and caustics

(4) Fugitive (horizontal exhaust) emissions (CGB not included)

(5) Combustion product

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Superscripts

- ¹ One scrubber
- ² Two scrubbers
- ³ Four scrubbers
- ⁴ Five scrubbers
- ⁵ Six scrubbers
- ⁶ Seven scrubbers
- ⁷ SCONO_xTM
- ⁸ One thermal oxidizer
- ⁹ Three thermal oxidizers with rotary concentrators

Dated _____