

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 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 for a rolling 12-consecutive months.

AIR CONTAMINANTS DATA

Emission Point Grouping (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
South (2B, 19A, 19B ¹ , 26C, 32A, 32C ⁶ , 32D, 36, 53A, 53B, 60, 62, and 232 ⁶)	FIN SOUTH South Building	VOC	9.70	14.86
		Exempt VOC	5.90	14.70
		Inorganics	1.19	2.90
		POC	<0.01	<0.01
SCOR (S28 ⁴ and S217 ⁵)	FIN SCOR South Building	VOC	1.56	3.75
		Exempt VOC	4.25	15.88
		Inorganics	5.69	10.83
		POC	0.38	0.62
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
S55 (55)	South Building	VOC	2.96	6.65
		Exempt VOC	3.52	8.01
SEPI (EPI1 ⁶ , EPI2 ⁶ , EPI3 ⁶ , EPI4 ⁶ , and EPI5 ⁶)	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 ⁶)	Dallas Support Building	Exempt VOC	0.09	0.09
		Inorganics	0.14	0.54

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			lb/hr	TPY
Facility(11 and 52)	Facilities 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) only	DMOS 4 Building	VOC	Emergency	release
		Exempt VOC	0.03	<0.01
		POC	Emergency	release
D4VOC (40E1 and 40E2) ¹⁰	FIN D4VOC DMOS 4 Building	VOC	3.04	9.08
		Exempt VOC	0.48	1.78
		Inorganics	0.12	0.29
		VOC (5)	0.01	0.04
		PM	0.01	0.05
		NO _x	1.12	4.91
		CO	0.96	4.18
		SO ₂	<0.01	<0.01
CUP (99, CUP1, CUP2, CUP3, and CUP4	FIN CUP Central Utility Plant	VOC	4.39	8.16
		Exempt VOC	8.05	17.54
		Inorganics	0.05	0.01
		VOC (4) (5)	1.93	8.21
		NO _x (4)	41.00	104.05
		SO ₂ (4)	3.14	1.36
		PM (4)	7.64	12.88
		CO (4)	12.69	55.53

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Emission Point Grouping (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
CGB(CGB1, CGB2, and CGB3) ⁷	FIN CGB Chiller Engines	VOC	1.03	4.50
		NO _x	0.93	4.08
		SO ₂	0.03	0.12
		PM	1.31	5.74
		CO	4.14	18.12
Solvent (213)	Solvent Building	VOC	4.68	7.62
		Exempt VOC	4.73	10.79
		Inorganics	<0.01	0.01
		POC		<0.01
D5COR (208 ¹¹ , 209 ³ , 219 ³ , and 220 ¹³)	DMOS 5 Building	Exempt VOC	3.70	6.00
		Inorganics	1.97	6.63
		POC		<0.01
D5VOC (210 ⁸ and 218 ⁸)	DMOS 4 and DMOS 5 Buildings	VOC	4.20	12.55
		Exempt VOC	0.67	2.46
		Inorganics	0.16	0.40
		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 ³ and 223 ³)	FIN D6COR DMOS 6 Building	Exempt VOC	0.20	0.48
		Inorganics	3.68	14.44
		POC	1.20	5.26
D6AM (224 ¹³)	FIN D6AM DMOS 6 Building	Inorganics	1.55	3.40

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Emission Point Grouping (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
D6VOC (221 ⁹)	FIN D6VOC 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 ¹²)	Kilby Center	Exempt VOC	1.71	3.74
		Inorganics	1.29	3.23
		POC	0.70	3.05
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)	FIN EBST DMOS 4 Building	VOC	1.01	4.44
		Exempt VOC	0.04	0.18
All Applicable to Sources <25.00	South, Dallas Support, Facilities, Time, DMOS4, DMOS5, DMOS6, and Kilby Center Buildings	Single HAP Multiple		<10.00 HAP

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- (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 Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
Exempt VOC - organic compounds specifically excluded in the definition of VOC in 30 TAC § 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
 - SO₂ - sulfur dioxide
 - CO - carbon monoxide
 - POC - products of combustion including NO_x, SO₂, CO, VOC, and PM
 - Inorganics - acids and caustics
 - HAP - hazardous air pollutants as identified in Title 40 Code of Federal Regulations Part 63 Subpart C
- (4) Fugitive (horizontal exhaust) emissions
- (5) Combustion product

Superscripts

- ¹ One caustic scrubber
- ² Four caustic scrubbers
- ³ Four acid scrubbers
- ⁴ Five acid scrubbers
- ⁵ Six acid scrubbers
- ⁶ One acid scrubber
- ⁷ SCONO_xTM
- ⁸ One thermal oxidizer
- ⁹ Three thermal oxidizers with rotary concentrators
- ¹⁰ One thermal oxidizer with rotary concentrator
- ¹¹ Two acid scrubbers
- ¹² Two caustic scrubbers
- ¹³ Three caustic scrubbers

Dated _____