

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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 (TPY) emission rates are based on a rolling 12-month period.

AIR CONTAMINANTS DATA

Emission Point Grouping (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
South (2B, 19B, 26C, 32A, 32C, 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 and 28B)	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, 205, 206 and 207)	South Building	Exempt VOC	0.02	0.08
		Inorganics	1.00	2.20
S109110 (109 and 110) 0.20	South Building	Exempt VOC		0.09
		Inorganics	<0.01	<0.01
		POC	2.33	10.22
S217 (217)	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
		Exempt VOC	3.52	8.01
SEPI (EPI1, EPI2, EPI3, EPI4, and EPI5)	South Building	Exempt VOC	0.09	0.09
		Inorganics	0.15	0.50
Floyd (101 and 103) 0.93	Floyd Road Building	VOC		0.36
		Exempt VOC	3.48	7.60

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Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
		Inorganics	<0.01	0.02
		POC	<0.01	<0.01
QTZ (200)	Floyd Road 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 (D4AC)	DMOS 4 Building	Exempt VOC	15.00	36.07
		Inorganics	1.96	5.53
		POC	<0.01	<0.01
D4AM (D4AM)	DMOS 4 Building	Inorganics	1.23	4.51
East 51E (51E)	DMOS 4 Building	VOC	Emergency	
	release only			
		Exempt VOC	0.03	<0.01
		POC	Emergency	
release only				
CUP (99, CUP1, CUP2, CUP3 and CUP4)	Central Utility Plant	VOC	4.39	8.16
		Exempt VOC	8.05	17.54
		Inorganics	0.05	0.01
		VOC (Combustion) (4)		12.50
	54.74			
		NO _x (4)	78.35	165.15
		SO _x (4)	6.85	14.50

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
		PM (4)	13.65	28.59
		CO (4)	19.85	88.10
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, 209, 219 and 220)	DMOS 5 Building	Exempt VOC	3.70	6.00
		Inorganics	1.97	6.63
		POC	<0.01	<0.01
D5VOC (210 and 218)	DMOS 5 Building	VOC	7.24	21.63
		Exempt VOC	1.15	4.24
		Inorganics	0.28	0.69
		POC	1.20	4.35
D6COR (222, 223, and 224)	DMOS 6 Building	Exempt VOC	0.20	0.48
		Inorganics	5.23	17.84
		POC	1.20	5.26
D6VOC (221)	DMOS 6 Building	VOC	2.02	4.39
		Exempt VOC	0.29	0.46
		POC	0.25	1.07
RD1COR (226)	Kilby Center	Exempt VOC	1.71	3.74
		Inorganics	1.29	2.83
		POC 0.70	3.05	
RD1VOC (225)	Kilby Center	VOC	6.35	12.95
		Exempt VOC	5.71	13.11
		Inorganics	0.25	0.52
		POC	0.42	2.30
D4/5GEN (D4GEN and D5GEN)	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
D4/5ST (D4ST1, D4ST2, D4ST3, and D4ST4)	DMOS 4 Building	VOC	1.01	4.44
		Exempt VOC	0.04	0.18

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- (1) Emission points within groupings are shown in parenthesis.
- (2) Specific source name.
- (3) VOC - volatile organic compounds as defined in TNRCC 30 TAC Section 101.1
Exempt VOC - organic compounds specifically excluded in the definition of VOC in TNRCC 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
- CO - carbon monoxide
- POC - products of combustion including NO_x, SO_x, CO, and VOC, and PM
- Inorganics - acids and caustics
- (4) Fugitive (horizontal exhaust) emissions

* The facilities may operate 8,760 hours per year

Dated_____