Permit Number 734

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)	Emission Rates (4)	
(1)			lbs/hour	TPY
		, 6, and 7. Firing natural gas 1-C-1E only). 8,760 hours p		hydrocarbon
1-C-1A	Boiler 1 (96 MMBtu/hr)	NO _x	8.75	38.30
		СО	7.35	32.17
		SO ₂	0.05	0.23
		PM ₁₀	0.67	2.91
		voc	0.48	2.11
1-C-1B	Boiler 2 (96 MMBtu/hr)	NO _x	8.75	38.30
		со	7.35	32.17
		SO ₂	0.05	0.23
		PM ₁₀	0.67	2.91
		voc	0.48	2.11
1-C-1D	Boiler 4 (96 MMBtu/hr)	NO _x	9.72	42.59
		СО	6.85	29.99
		SO ₂	0.04	0.20
		PM ₁₀	0.79	3.47
		voc	0.43	1.90
1-C-1E	Boiler 5 (114 MMBtu/hr)	NO _x	25.80	113.00
		со	7.42	32.50
		SO ₂	0.04	0.18
		PM ₁₀	1.17	5.11

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	voc	0.45	1.95
C-1F Boiler 6 (126 MMBtu/hr)	NO _x	32.20	141.04
	со	9.66	42.31
	SO ₂	0.07	0.30
	PM ₁₀	0.87	3.83
	voc	0.63	2.77
Boiler 7** (120 MMBtu/hr)	NO _x	4.20	5.26
(Supplemental	СО	10.10	18.40
	SO ₂	0.07	0.088
	PM ₁₀	0.88	1.10
	voc	0.64	0.80
	(126 MMBtu/hr) Boiler 7** (120 MMBtu/hr)	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Boiler 6 (126 MMBtu/hr)

^{**} Boiler No. 7 is only authorized to burn natural gas. Annual emission rates are based on best available control technology as noted in Special Condition No. 7.

1-C-1A	Boiler 1 (96 MMBtu/hr)	NO _x	99.84	8.39
		СО	4.16	0.35
		PM ₁₀	1.66	0.14
		VOC	0.17	0.01
1-C-1B	Boiler 2 (96 MMBtu/hr)	NO _x	99.84	8.39
		со	4.16	0.35
		PM ₁₀	1.66	0.14
		voc	0.17	0.01
1-C-1D	Boiler 4 (96 MMBtu/hr)	NO _x	77.92	6.55
		со	4.16	0.35
		PM ₁₀ 1.66	1.66	0.14
		VOC	0.17	0.01

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1-C-1E	Boiler 5 (114 MMBtu/hr)	NO _x	95.58	8.03
		СО	4.90	0.41
		PM ₁₀	1.96	0.16
		VOC	0.20	1.02
1-C-1F	Boiler 6 (126 MMBtu/hr)	NO _x	131.33	11.03
	(120 11111)	СО	5.47	0.46
		PM ₁₀	2.19	0.18
		VOC	0.22	0.02
Case 3: No. 4 fuel oi	l firing 336 hrs/yr:			
1-C-1A	Boiler 1 (96 MMBtu/hr)	NO _x	16.64	2.80
		со	4.16	0.70
		PM ₁₀	5.82	0.98
		VOC	0.17	0.03
		SO ₂	35.44	5.95
		SO₃	0.50	0.08
1-C-1B	Boiler 2 (96 MMBtu/hr)	NO _x	16.64	2.80
		со	4.16	0.70
		PM ₁₀	5.82	0.98
		VOC	0.17	0.03
		SO ₂	35.44	5.95
		SO₃	0.50	0.08
1-C-1D	Boiler 4 (96 MMBtu/hr)	NO _x	16.64	2.80
		со	4.16	0.70
		PM ₁₀	4.73	0.79
		VOC	0.17	0.03

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		SO ₂	26.11	4.39
		SO ₃	0.50	0.08
1-C-1E	Boiler 5 (114 MMBtu/hr)	NO _x	19.58	3.29
	(114 WWDta/III)	со	4.90	0.82
		PM ₁₀	5.76	0.97
		VOC	0.20	0.03
		SO ₂	32.38	5.44
		SO ₃	0.46	0.08
1-C-1F	Boiler 6 (126 MMBtu/hr)	NO _x	21.89	3.68
	(120 WWDta/III)	СО	5.47	0.92
		SO ₂	46.62	7.83
		SO ₃	0.66	0.11
		PM ₁₀	7.66	1.29
		VOC	0.22	0.04
Case 4: Natura 1D and 1-C-1E	al gas (Firing a combination only]) 8,256 hrs/yr, waste	on of natural gas and su liquid fuel 168 hrs/yr, ar	pplemental hydroca nd No. 4 fuel oil 336	rbon fuel [EPNs 1-C hrs/yr:
1-C-1A B	Boiler 1	NOx	99.84	47.28
	(96 MMBtu/hr)	СО	7.35	31.37
		SO ₂	35.44	6.17
		SO ₃	0.50	0.08
		PM ₁₀	5.82	3.87
		VOC	0.48	2.03
1-C-1B	Boiler 2 (96 MMBtu/hr)	NO _x	99.84	47.28
	(30 MINIDLA/III)	со	7.35	31.37
		SO ₂	35.44	6.17
		SO ₃	0.50	0.08

		PM ₁₀	5.82	3.87
		VOC	0.48	2.03
1-C-1D	Boiler 4	NO _x	77.92	48.64
	(96 MMBtu/hr)	СО	6.85	29.31
		SO ₂	26.11	3.85
		SO ₃	0.37	0.05
		PM ₁₀	4.73	4.12
		VOC	0.43	1.82
1-C-1e	Boiler 5 (114 MMBtu/hr)	NO _x	95.58	116.97
	(114 WW.Dta/III)	СО	7.42	31.86
		SO ₂	32.38	4.89
		SO₃	0.46	0.07
		PM ₁₀	5.76	5.86
		VOC	0.45	1.89
1-C-1F	Boiler 6 (126 MMBtu/hr)	NO _x	131.33	147.63
	(120 Minibleanin)	СО	9.66	41.26
		SO ₂	46.62	8.12
		SO₃	0.66	0.11
		PM ₁₀	7.66	5.08
		VOC	0.63	2.67
Dowtherm Furn	aces			
A-C-1	F-4502 Furnace	NO _x	10.31	45.15
		СО	0.33	1.43
		SO ₂	0.07	0.30
		PM ₁₀	0.86	3.75

		voc	0.62	2.72
A-C-2	F-4504 Furnace	NO _x	1.09	4.77
		со	2.37	10.40
		SO ₂	0.04	0.18
		PM ₁₀	0.52	2.28
		voc	0.38	1.65

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) SO₃ sulfur trioxide
 - PM₁₀ particulate matter (PM) 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.
 - VOC volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 - NO_x total oxides of nitrogen
 - SO₂ sulfur dioxide CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Dato:	Eghruary 12, 2017
Date:	February 12, 2014