Monitoring Report Crockett Cogeneration #A8664 Table 1

S-201 - Gas Turbine

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
NOx	BAAQMD	Y	9 ppmv @ 15% O2,	BAAQMD	С	CEM	Continuous
	9-9-301.3		dry	9-9-501			
NOx	NSPS, 40	Y	155.2 ppmv, @ 15%	NSPS, 40 CFR	С	CEM	Continuous
	CFR 60.332 (a)(1)		O2, dry	60.334 (c)		-	
NOx	BAAQMD	Y	39.2 lb/hr, for turbine	BAAQMD	С	CEM	Continuous
	condition		and HRSG combined,	condition			
	#14970, part		3-hr average	#14970,			
	9a			part 23			
NOx	BAAQMD	Y	5 ppmv, @ 15% O2,	BAAQMD	С	CEM	Continuous
	condition		dry, for turbine and	condition			
	#14970, part		HRSG combined, 3-hr	#14970,			
	9b ·		average	part 23			
NOx	BAAQMD	Y	969.7 lb/day for	BAAQMD	С	CEM	Continuous
	condition		turbine, HRSG, and	condition			
	#14970, part		boilers combined	#14970,			
	20a			part 23			
NOx	BAAQMD	Y	160.85 ton/yr for	BAAQMD	С	CEM	Continuous
	condition		turbine, HRSG, and	condition			
	#14970, part		boilers combined	#14970,			
	21a			part 23			
·co	BAAQMD	Y	46.6 lb/hr, for turbine	BAAQMD	С	CEM	Continuous
	condition		and HRSG combined,	condition			
	#14970,		3-hr average	#14970,			
	part 9c			part 23			
СО	BAAQMD	Y	10 ppmv, @ 15% O2,	BAAQMD	С	СЕМ	Continuous
	condition		dry, for turbine and	condition			
	#14970,		HRSG combined, 3-hr	#14970,			
	part 9d	<u> </u>	average	part 23			

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
СО	BAAQMD condition #14970, part 20b	Y	745.0 lb/day for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	CEM	Continuous
СО	BAAQMD condition #14970, part 21b	Y	73.27 ton/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	CEM	Continuous
SO2	BAAQMD 9-1-301	Y	GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Continuous
SO2	BAAQMD 9-1-302	Y	300 ppm (dry)		N		Continuous
SO2	NSPS 40 CFR 60.333(a)	Y	0.015% (vol) @15% O₂ (dry)	Exempt from monitoring requirement per NSPS 40 CFR 60.334(h)(3) for PUC quality natural gas.	N		Continuous
SO2	BAAQMD condition #14970, part 20e	Y	48.5 lb/day for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 24	P/D	Calculations	Continuous
SO2	BAAQMD condition #14970, part 21e	Y	8.01 ton/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 24	P/A	Calculations	Continuous
Opacity	BAAQMD 6-1-301	N	Ringelmann No. 1 for no more than 3 min/hr		N		Continuous
Filterable Particulate	BAAQMD 6-1-310	Y	0.15 grain/dscf @ 6% O2		N		Continuous
PM10	BAAQMD condition #14970, part 20d	Y	329.1 lb/day for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 24	P/D	Calculations .	Continuous

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
PM10	BAAQMD	Y	329.1 lb/day for	BAAQMD	P/A	Source test	Continuous
	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			
	part 20d			part 27			
PM10	BAAQMD	Y	58.19 ton/ут for	BAAQMD	P/A	Calculations	Continuous
	condition		turbine, HRSG, and	condition			
	#14970, part		boilers combined	#14970,			į
	21d	ļ		part 24			
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/D	Calculations	Continuous
	condition		for turbine, HRSG,	condition			
	#14970,		and boilers combined	#14970,			
	part 20c			part 24			
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/A	Source test	Continuous
1	condition		for turbine, HRSG,	condition	-		
	#14970,		and boilers combined	#14970,			
	part 20c			part 27			
POC	BAAQMD	Y	48.45 ton/yr (as CH4)	BAAQMD	P/A	Calculations	Continuous
	condition		for turbine, HRSG,	condition			
	#14970,		and boilers combined	#14970,			
	part 21c			part 24			
NH3	BAAQMD	N	20 ppmv, @ 15% O2,	BAAQMD	P/E	Calculations or	Continuous
	condition		dry, averaged over 3	condition		source test	
	#14970,		hrs for turbine and	#14970,			
	part 9f		HRSG combined	part 25			
NH3	BAAQMD	N	20 ppmv, @ 15% O2,	BAAQMD	P/A	Source test	Continuous
	condition		dry, averaged over 3	condition			
	#14970,		hrs for turbine and	#14970,			
	part 9f		HRSG combined	part 27			
Formal-	BAAQMD	N	4318.6 lb/yr for	BAAQMD	P/A	Calculations	Continuous
dehyde	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			
	part 22a			part 26			
Formal-	BAAQMD	N	4318.6 lb/yr for	BAAQMD	P/every 2	Source Test	Continuous
dehyde	condition		turbine, HRSG, and	condition	years		
	#14970,	1	boilers combined	#14970,			
	part 22a			part 29			•

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Benzene	BAAQMD condition #14970, part 22b	N	116.1 lb/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 26	P/A	Calculations	Continuous
Benzene	BAAQMD condition #14970, part 22b	N	116.1 lb/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 29	P/every 2 years	Source Test	Continuous
Specified PAH's	BAAQMD condition #14970, part 22c	N	78.7 lb/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 26	P/A	Calculations	Continuous
Specified PAH's	BAAQMD condition #14970, part 22c	N	78.7 lb/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 29	P/every 2 years	Source Test	Continuous
Heat input limit	BAAQMD condition #14970, part 2	Y	1,780 mmbtu/hr, 3-hr average	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 4	Y	2,129 mmbtu/hr for turbine and HRSG combined, 3-hr average	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 5	Y	51,029 mmbtu/day for turbine and HRSG combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 6	Y	15,613,000 mmbtu/yr for turbine and HRSG combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 18	Y	57,544 mmbtu/day, for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous

	Emission		The state of the s	Monitoring	Monitoring		Compliance
Type of limit	Limit Citation	FE Y/N	Emission Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Status
Heat input	BAAQMD	Y	19,023,000 mmbtu/yr,	BAAQMD	С	Fuel meter,	Continuous
limit	condition		for turbine, HRSG,	condition		calculations	
	#14970,		and boilers combined	#14970,			
	part 19			part 23			
Firing	N/A	Y	N/A	BAAQMD	С	Fuel meter,	Continuous
hours and				condition		calculations	
fuel flow			•	#14970,			
rates				part 23a			
Oxygen	N/A	Y	N/A	BAAQMD	, с	CEMS	Continuous
				condition			
			·	#14970,			
				part 23b			
Oxidizing	BAAQMD	Y	550 degrees	BAAQMD	С	Temperature	Continuous
catalyst	condition		Fahrenheit	condition		monitor	
temp	#14970,			#14970,			
	part 9e			part 23			

¹ Ground Level Concentration

S-202 – HEAT RECOVERY STEAM GENERATOR (HRSG)

Type of	Emission Limit Limit	FE YN	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency	Monitoring Type	Compliance Status
NOx	BAAQMD 9-3-303	N	125 ppm	BAAQMD 1-520.1	С	СЕМ	Continuous
NOx	NSPS 40 CFR 60.44Da (a)(1)	Y	0.2 lb/mmbtu except during startup, shutdown, or malfunction	Exempt from CEMS per NSPS 40 CFR 60.49Da(o)	N		Continuous
NOx	BAAQMD condition #14970, part 9a	Y	39.2 lb/hr for turbine and HRSG combined, 3-hr average	BAAQMD condition #14970, part 23	С	CEM	Continuous
NOx	BAAQMD condition #14970, part 9b	Y	5.0 ppmv @ 15% 02, for turbine and HRSG combined, 3-hr average	BAAQMD condition #14970, part 23	С	CEM	Continuous
NOx	BAAQMD condition #14970, part 20a	Y	969.7 lb/day for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	СЕМ	Continuous
NOx	BAAQMD condition #14970, part 21a	Y	160.85 ton/yr for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	СЕМ	Continuous
СО	BAAQMD condition #14970, part 9c		46.6 lb/hr, for turbine and HRSG combined, 3-hr average	BAAQMD condition #14970, part 23	С	СЕМ	Continuous
СО	BAAQMD condition #14970, part 9d		10 ppmv, @ 15% O2, dry, for turbine and HRSG combined, 3-hr average	BAAQMD condition #14970, part 23	С	СЕМ	Continuous
СО	BAAQMD condition #14970, part 20b	Y	745.0 lb/day for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	СЕМ	Continuous

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
со	BAAQMD	Y	73.27 ton/yr for	BAAQMD	С	CEM	Continuous
	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,		-	
	part 21b			part 23			
SO2	BAAQMD	Y	GLC ¹ of 0.5 ppm for 3		N		Continuous
	9-1-301		min or 0.25 ppm for				
,			60 min or 0.05 ppm				
			for 24 hours				
SO2	BAAQMD	Y	300 ppm (dry)		N		Continuous
	9-1-302						
SO2	NSPS		0.2 lb/mmbtu, 24 hr		N		Continuous
	40 CFR		average except during]
	60.43Da		startup, shutdown		1		
	(b)(2)						
SO2	BAAQMD	Y	48.5 lb/day for	BAAQMD	P/D	Calculations	Continuous
	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			1
	part 20e			part 24			
SO2	BAAQMD	Y	8.01 ton/yr for turbine,	BAAQMD	P/A	Calculations	Continuous
	condition		HRSG, and boilers	condition			
	#14970,	İ	combined	#14970,			1
	part 21e			part 24			
Opacity	BAAQMD	N	Ringelmann No. 1 for	Ì	N		Continuous
	6-1-301		<3 min/hr				
Opacity	BAAQMD	Y	During tube cleaning,		N		Continuous
	6-1-304		Ringelmann No. 2 for]
			3 min/hr and 6				}
			min/billion btu/24				
			hours				
Opacity	NSPS	Y	< 20% opacity, 6		N		Continuous
	40 CFR	1	minute average,				
	60.42a(b)		except one six minute				
			period/hr up to 27%				
		<u> </u>	opacity				
Filterable	BAAQMD	Y	0.15 grain/dscf		N		Continuous
Particulate	6-310		@ 6% O2		<u> </u>		

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Filterable	NSPS	Y	0.03 lb TSP/mmbtu		N		Continuous
Particulate	40 CFR		except during startup,				
	60.42a(a)		shutdown, or	'			
	(1)		malfunction				
PM10	BAAQMD	Y	329.1 lb/day for	BAAQMD	P/D	Calculations	Continuous
	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			
	part 20d			part 24			
PM10	BAAQMD	Y	329.1 lb/day for	BAAQMD	P/A	Source test	Continuous
	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			
	part 20d			part 27			
PM10	BAAQMD	Y	58.19 ton/yr for	BAAQMD	P/A	Calculations	Continuous
	condition		turbine, HRSG, and	condition		1	
	#14970,		boilers combined	#14970,	•		
	part 21d			part 24			
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/D	Calculations	Continuous
	condition		for turbine, HRSG,	condition			
	#14970,		and boilers combined	#14970,			
	part 20c			part 24			
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/A	Source test	Continuous
	condition		for turbine, HRSG,	condition			
	#14970,		and boilers combined	#14970,			
	part 20c			part 27			
POC	BAAQMD	Y	48.45 ton/yr (as CH4)	BAAQMD	P/A	Calculations	Continuous
	condition		for turbine, HRSG,	condition			
	#14970,		and boilers combined	#14970,			İ
	part 21c			part 24			
NH3	BAAQMD	N	20 ppmv, @ 15% O2,	BAAQMD	P/E	Calculations or	Continuous
	condition		dry, averaged over 3	condition		source test	
	#14970,		hrs for turbine and	#14970,			:
	part 9f		HRSG combined	part 25		<u> </u>	
NH3	BAAQMD	N	20 ppmv, @ 15% O2,	BAAQMD	P/A	Source test	Continuous
	condition		dry, averaged over 3	condition			
	#14970,		hrs for turbine and	#14970,	•		
	part 9f		HRSG combined	part 27]

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance
Formal-	BAAQMD	N	4318.6 lb/yr for	BAAQMD	P/A	Calculations	Continuous
dehyde	condition		turbine, HRSG, and	condition			
	#14970,		boilers combined	#14970,			
	part 22a			part 26			
Formal-	BAAQMD	N	4318.6 lb/yr for	BAAQMD	P/every 2	Source Test	Continuous
dehyde	condition		turbine, HRSG, and	condition	years		
	#14970,		boilers combined	#14970,			
	part 22a			part 29			
Benzene	BAAQMD	N	116.1 lb/yr for turbine,	BAAQMD	P/A	Calculations	Continuous
	condition		HRSG, and boilers	condition			
	#14970,		combined	#14970,			
	part 22b			part 26			
Benzene	BAAQMD	N	116.1 lb/yr for turbine,	BAAQMD	P/every 2	Source Test	Continuous
	condition		HRSG, and boilers	condition	years		
	#14970,		combined	#14970			
	part 22b			part 29			
Specified	BAAQMD	N	78.7 lb/yr for turbine,	BAAQMD	P/A	Calculations	Continuous
PAH's	condition		HRSG, and boilers	condition			
	#14970,		combined	#14970,			
	part 22c			part 26			
Specified	BAAQMD	N	78.7 lb/yr for turbine,	BAAQMD	P/every 2	Source Test	Continuous
PAH's	condition		HRSG, and boilers	condition	years		
	#14970,		combined	#14970,			
	part 22c			part 29			
Heat input	BAAQMD	Y	288.9 mmbtu/hr, 3-hr	BAAQMD	С	Fuel meter,	Continuous
limit	condition		average	condition		calculations	
	#14970,			#14970,			
	part 3			part 23	,		
Heat input	BAAQMD	Y	2,129 mmbtu/hr for	BAAQMD	С	Fuel meter,	Continuous
limit	condition		turbine and HRSG	condition		calculations	
]	#14970,		combined, 3-hr	#14970,			
	part 4		average	part 23			
Heat input	BAAQMD	Y	51,029 mmbtu/day for	BAAQMD	С	Fuel meter,	Continuous
limit	condition		turbine and HRSG	condition		calculations	
	#14970,		combined	#14970,			
	part 5	· .		part 23	<u></u>		

Type of limit	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Heat input limit	BAAQMD condition #14970, part 6	Y	15,613,000 mmbtu/yr for turbine and HRSG combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 18	Y	57,544 mmbtu/day, for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Heat input limit	BAAQMD condition #14970, part 19	Y	19,023,000 mmbtu/yr, for turbine, HRSG, and boilers combined	BAAQMD condition #14970, part 23	С	Fuel meter, calculations	Continuous
Firing hours and fuel flow rates	N/A	Y	N/A	BAAQMD condition #14970, part 23a	С	Fuel meter, calculations	Continuous
Oxygen	N/A	Y	N/A	BAAQMD condition #14970, part 23b	С	CEMS	Continuous
Oxidizing catalyst temp	BAAQMD condition #14970, part 9e	Y	550 degrees Fahrenheit	BAAQMD condition #14970, part 23	С	Temperature monitor	Continuous

¹ Ground Level Concentration

S-203, S-204, and S-205 – Auxiliary Boilers

Type of	Emission Limit	FE.		Monitoring Requirement	Monitoring Frequency	Monitoring	Compliance Status
limit	Citation	Y/N	Emission Limit	Citation	(P/C/N)	Type	
NOx	BAAQMD	N	125 ppm	BAAQMD	С	CEM	Continuous
	9-3-303			1-520.1			
NOx	BAAQMD	Y	30 ppmv @3%O2, dry	BAAQMD	С	CEM	Continuous
	9-7-301.1			1-520.1			
NOx	BAAQMD	Y	3.7 lb/hr, 3-hr average	BAAQMD	С	CEM	Continuous
	cond#		for each boiler	cond# 14970,			
	14970,			part 23			
	part 17a						
NOx	BAAQMD	Y	8.2 ppmv @ 3% O2,	BAAQMD	С	CEM	Continuous
	cond#		dry, 3-hr average	cond# 14970,			
	14970,			part 23			
	part 17b						
NOx	BAAQMD	Y	969.7 lb/day for	BAAQMD	С	CEM	Continuous
	cond#		turbine, HRSG, and	cond# 14970,			
	14970,		boilers combined	part 23			
	part 20a						
NOx	BAAQMD	Y	160.85 ton/yr for	BAAQMD	С	CEM	Continuous
	cond#		turbine, HRSG, and	cond# 14970,			
	14970,		boilers combined	part 23			
	part 21a						
NOx	NSPS 40	Y	0.1 lb/mmbtu	Monitoring	N		Continuous
	CFR 60.44b	İ		requirement			
	(a)(1)(i)			subsumed by		1	
				monitoring for]	
				BACT limit.		İ	
				See Permit			
				Shield.			1
со	BAAQMD	Y	400 ppmv @ 3% O2,	BAAQMD	С	CEM	Continuous
	9-7-301.4		dry	cond# 14970,			
				part 23			
СО	BAAQMD	Y	3.0 lb/hr, 3-hr average	BAAQMD	С	CEM	Continuous
	cond#		for each boiler	cond# 14970,			
	14970,			part 23			
	part 17c			_			

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
CO	BAAQMD cond#	Y	11.0 ppmv @ 3% O2, dry, 3-hr average	BAAQMD cond# 14970,	C	CEM	Continuous
	14970, part 17d			part 23			
СО	BAAQMD cond# 14970, part 20b	Y	745.0 lb/day for turbine, HRSG, and boilers combined	BAAQMD cond# 14970, part 23	С	CEM	Continuous
СО	BAAQMD cond# 14970, part 21b	Y	73.27 ton/yr for turbine, HRSG, and boilers combined	BAAQMD cond# 14970, part 23	C	CEM	Continuous
SO2	BAAQMD 9-1-301	Y	GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		Continuous
SO2	BAAQMD 9-1-302	Y	300 ppm (dry)		N		Continuous
SO2	BAAQMD cond# 14970, part 20e	Y	48.5 lb/day for turbine, HRSG, and boilers combined	BAAQMD cond# 14970, part 24	P/D	Calculations	Continuous
SO2	BAAQMD cond# 14970, part 21e	Y	8.01 ton/yr for turbine, HRSG, and boilers combined	BAAQMD cond# 14970, part 24	P/A	Calculations	Continuous
Opacity	BAAQMD 6-1-301	N	Ringelmann No. 1 for no more than 3 min/hr		N		Continuous
Opacity	BAAQMD 6-304	Y	During tube cleaning, Ringelmann No. 2 for 3 min/hr and 6 min/billion btu/24 hours		N		Continuous
Filterable Particulate	BAAQMD 6-1-310	Y	0.15 grain/dscf @ 6% O2		N		Continuous
PM10	BAAQMD cond# 14970, part 20d	Y	329.1 lb/day for turbine, HRSG, and boilers combined	BAAQMD cond# 14970, part 24	P/D	Calculations	Continuous

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
PM10	BAAQMD	Y	329.1 lb/day for	BAAQMID	P/1-2 times	Source Test	Continuous
	cond#		turbine, HRSG, and	cond# 14970,	per 5 years		
	14970,		boilers combined	part 28		ļ	
	part 20d		50.10/		75.1.1	0.1.1.	Continuous
PM10	BAAQMD	Y	58.19 ton/yr for	BAAQMD	P/A	Calculations	Commucas
	cond#		turbine, HRSG, and boilers combined	cond# 14970,			
	14970, part 21d		ooners comomed	part 24			
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/D	Calculations	Continuous
1 100	cond#	1	for turbine, HRSG,	cond# 14970,	170	Calculations	
	14970, .		and boilers combined	part 24			
ı	part 20c		and bonors combined	pu. 21			•
POC	BAAQMD	Y	352.6 lb/day (as CH4)	BAAQMD	P/1-2 times	Source Test	Continuous
	cond#		for turbine, HRSG,	cond# 14970,	per 5 years		
	14970,		and boilers combined	part 28			
	part 20c						
POC	BAAQMD	Y	48.45 ton/yr (as CH4)	BAAQMD	P/A	Calculations	Continuous
	cond#		for turbine, HRSG,	cond# 14970,			
	14970,		and boilers combined	part 24			
	part 21c						
NH3	BAAQMD	N	20 ppmv, @ 3% O2,	BAAQMD	P/E	Calculations	Continuous
	cond#		dry, averaged over 3	cond# 14970,		or source	
	14970,		hrs	part 25		test	ļ !
	part 17f						Continuous
NH3	BAAQMD	N	20 ppmv, @ 3% O2,	BAAQMD	P/1-2 times	Source Test	Continuous
	cond#		dry, averaged over 3	cond# 14970,	per 5 years		
	14970, part 17f		hrs	part 28			
Formal-	BAAQMD	N	4318.6 lb/yr for	BAAQMD	P/A	Calculations	<u> </u>
dehyde	cond#		turbine, HRSG, and	cond# 14970,	'/\	Calculations	Continuous
	14970,		boilers combined	part 26			
	part 22a			r			
Benzene	BAAQMD	N	116.1 lb/yr for turbine,	BAAQMD	P/A	Calculations	Continuous
	cond#		HRSG, and boilers	cond# 14970,			
	14970,		combined	part 26			
	part 22b						

Type of	Emission Limit Citation	FE Y/N	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Compliance Status
Specified	BAAQMD	N	78.7 lb/yr for turbine,	BAAQMD	P/A	Calculations	Continuous
PAH's	cond#		HRSG, and boilers	cond# 14970,			
	14970,		combined	part 26			
	part 22c						
Heat input	BAAQMD	Y	376 mmbtu/hr, 3-hr	BAAQMD	С	Fuel meter,	Continuous
limit	cond#		average for each boiler	cond# 14970,		calculations	
	14970,			part 23			
	part 11						
Heat input	BAAQMD	Y	18,048 mmbtu/day,	BAAQMD	С	Fuel meter,	Continuous
limit	cond#		for all 3 boilers	cond# 14970,		calculations	
	14970,		combined	part 23			
	part 12						
Heat input	BAAQMD	Y	6,575,000 mmbtu/yr,	BAAQMD	С	Fuel meter,	Continuous
limit	cond#		for all 3 boilers	cond# 14970,		calculations	
	14970,		combined	part 23			
	part 13						
Heat input	BAAQMD	Y	57,544 mmbtu/day,	BAAQMD	С	Fuel meter,	Continuous
limit	cond#		for turbine, HRSG,	cond# 14970,		calculations	
	14970,		and boilers combined	part 23			
	part 18						
Heat input	BAAQMD	Y	19,023,000 mmbtu/yr,	BAAQMD	С	Fuel meter,	Continuous
limit	cond#		for turbine, HRSG,	cond# 14970,		calculations	
	14970,		and boilers combined	part 23			. 1
	part 19						
Firing	N/A	Y	N/A	BAAQMD	С	Fuel meter,	Continuous
hours and				condition		calculations	
fuel flow			·	#14970,			
rates				part 23a			
Oxygen	N/A	Y	N/A	BAAQMD	С	CEMS	Continuous
				condition			
				#14970,			
				part 23b			
Oxidizing	BAAQMD	Y	430 degrees	BAAQMD	С	Temperature	Continuous
catalyst	cond#		Fahrenheit	cond# 14970,		monitor	
temp	14970,		1	part 23			
	part 17e	<u> </u>					

¹ Ground Level Concentration