Table VII - A Applicable Limits and Compliance Monitoring Requirements S-1, S-2, S-3, & S-4 COMBUSTION GAS TURBINES WITH WATER INJECTION, S-7, S-8, S-9 & S-10 HEAT RECOVERY STEAM GENERATORS

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective	Limit	Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date		Citation	(P/C/N)	Туре		
NOx	*BAAQMD	N		9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-301.2			Or	9-9-501 and				
				0.43 lbs/MW-hr	BAAQMD			N/A	
					condition			•	
					#23868, part				
					25c				
NOx	*BAAQMD	Y		9 ppmv @ 15% O2, dry	BAAQMD	С	CEM		
	9-9-301.3				9-9-501 and				
					BAAQMD			NI/A	
					condition			N/A	
					#23868, part				
					25c				
NOx	NSPS	γ		25 ppmv @ 15% O2, dry	NSPS 40 CFR	C	CEM		
	Subpart	ļ		30 day rolling average	60.4335(b)(1)				
	ккк			, 0					
	40 CFR	1						N/A	
	60.4320(a)								
	and (h)								
NOx	None	γ		None	40 CFR 75.10	C	CEM	A1 / A	
								N/A	
NOx (as	BAAQMD	Y		1464 lb/day and 102 lb/hr	BAAQMD	С	CEM		
NO ₂)	condition			for all turbines and HRSGs	condition				
	#23688,			combined during	#23688,				x*
	part 10			commissioning, including	parts 7 and				^
	ļ			startup and shutdown of	25c				
				turbine without catalyst					

^{• *}There was one issue of non-compliance with Condition 11, NOx lb/hr limit, on May 25th, 2013 for S-3. Please refer to RCA #06K65 and #06K66.Curently the facility is in compliance with this Condition

			Future		Monitoring	Monitoring		Comp	iance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	169	140
NOx (as	BAAQMD	Y		1464 lb/day and 61 lb/hr	BAAQMD	С	CEM		
NO₂)	condition			for all turbines and HRSGs	condition			'	
	#23688,			combined during	#23688,			N/A	
	part 10			commissioning, including	parts 7 and			N/A	
	:			startup and shutdown of	25c				
				turbine with catalyst					
NOx	BAAQMD	Y		2 ppmv @ 15% O2, dry,	BAAQMD	С	CEM		
	condition			1-hr average except during	condition			N/A	
•	#23688,			turbine startup or	#23688, parts			N/A	
	part 19a			shutdown	19a and 25c				
NOx	BAAQMD	Y		2 ppmv @ 15% O2, dry,	BAAQMD	P/A	Source test		
	condition			1-hr average except during	condition			A1 / A	
	#23688,			turbine startup or	#23688,			N/A	
	part 19a			shutdown	part 26a				
NOx (as	BAAQMD	Y		175.6 lb/day for each	BAAQMD	C	CEM		
NO₂)	condition			turbine/HRSG power train	condition			a. (a	
	#23688,			including startup and	#23688,			N/A	•
	part 22			shutdown	part 25c				
NOx (as	BAAQMD	Υ		702.4 lb/day (as NO2) for	BAAQMD	С	CEM		
NO ₂)	condition			all turbines and HRSGS	condition			41/4	
	#23688 part			combined, including startup	#23688,			N/A	
	22			and shutdown	part 25c				
NOx (as	BAAQMD	Υ		94.1 tons per year (as NO2)	BAAQMD	С	CEM		
NO ₂)	condition			for all turbines and HRSGs	condition				
	#23688,			combined, including startup	#23688,			X	
	part 22			or shutdown	part 25c				
со	BAAQMD	Υ		1056 lb/day and 88 lb/hr	BAAQMD	С	CEM		
	condition			for all turbines combined	condition				,
	#23688,			during commissioning,	#23688,				
	part 10			including startup and	parts 7 and			X	
				shutdown of turbine	25c				
				without catalyst					
со	BAAQMD	Υ		984 lb/day and 41 lb/hr for	BAAQMD	С	CEM		
	condition			all turbines and HRSGs	condition				
	#23688,			combined during	#23688,			m= 4 =	
	part 10			commissioning, including	parts 7 and			N/A	
				startup and shutdown of	25c				
				turbine with catalyst					

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	163	140
co	BAAQMD	Υ		2 ppmv @ 15% O2, dry,	BAAQMD	С	CEM		
	condition			1-hr average except during	condition				
	#23688,			turbine startup or	#23688,			N/A	
	part 19c			shutdown	parts 19c and				
					25c				
со	BAAQMD	Y		2 ppmv @ 15% O2, dry,	BAAQMD	P/A	Source test		
	condition			1-hr average except during	condition		1	N/A	
	#23688,			turbine startup or	#23688,			11774	
	part 19c			shutdown	part 26c				
со	BAAQMD	Y		97 lb/day for each	BAAQMD	С	CEM		
	condition			turbine/HRSG power train	condition			N/A	
	#23688,			including startup and	#23688,			МА	
	part 22			shutdown	part 25c				
co	BAAQMD	Y		388 lb/day for all turbines	BAAQMD	С	CEM		
	condition			and HRSG combined,	condition			N/A	
	#23688,			including startup and	#23688,			N/A	
	part 22			shutdown	part 25c				
со	BAAQMD	Υ		53.4 tons per year for all	BAAQMD	С	CEM		
	condition			turbines and HRSGs	condition			v	
	#23688,			combined, including startup	#23688,		ļ	X	ļ
	part 22			and shutdown	part 25c				
CO₂		Υ		None	40 CFR 75.10	С	CEM (CO2)		
							or CEM (O2)	v	
							or fuel flow	Х	
							monitor		
SO ₂	BAAQMD 9-	Υ		GLC ¹ of 0.5 ppm for 3 min		N			
	1-301			or 0.25 ppm for 60 min or				X	
				0.05 ppm for 24 hours					
SO₂	BAAQMD 9-	Υ		300 ppm (dry)	BAAQMD	P/A	Source test		
	1-302				Condition			N/A	
					23688, Part			N/A	
					26f				
SO₂	NSPS	Υ		0.060lb SO2/MMbtu	NSPS 40 CFR	N	None		
	Subpart				60.4365(a)				
	кккк							N/A	
	40 CFR							N/A	
	60.4330								
	(a)(2)								

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	163	,,,,
SO ₂	None	Y		None	40 CFR 75.11,		Fuel		
			,		40 CFR 75,		measure-	N/A	
					Appendix D,		ments,	N/A	
					part 2.3		calculations		
SO ₂	BAAQMD	Y		6.43 tons/calendar year for	BAAQMD	P/A	Source Test		
	condition			all turbines and HRSGs	Condition			NI/A	
	#23688,			combined including startup	23688, Part			N/A	
	part 22			and shutdown of turbines	26f				
Opacity	BAAQMD 6-	N		> Ringelmann No. 1 for no		N	None		
	1-301			more than 3 minutes in any				X	
				hour					
Opacity	SIP 6-301	γ		> Ringelmann No. 1 for no		N	None		
				more than 3 minutes in any				X	
				hour					
Opacity	BAAQMD	Υ		> Ringelmann No. 1 for no		N	None		
	condition			more than 3 minutes in any					
	#23688,			hour or equivalent 20%				X	
	part 18			opacity					
FP	BAAQMD 6-	γ		0.15 grain/dscf		N	None		
	1-310							N/A	
FP	SIP 6-310	Υ		0.15 grain/dscf		N	None	AI / A	
				_				N/A	
PM ₁₀	BAAQMD	Υ		38.5 tons/year for all	BAAQMD	P/A	Source test,		
	condition			turbines and HRSGS	condition		records &	21/2	
	#23688,			combined including startup	#23688		calculation	N/A	
	part 22			and shutdown of turbines	part 26e				
POC	BAAQMD	Υ		288 lb/day for all turbines	BAAQMD.	P/A	Source Test,		
	condition			and HRSG combined during	condition		records &		
	#23688			commissioning and	#23688		calculation		
	part 10			including startup and	part 26d			X	
				shutdown of turbines					
				without catalyst					
POC	BAAQMD	Υ		114 lb/day for all turbines	BAAQMD	P/A	Source Test,		,
	condition			and HRSG combined during	condition		records &		
	#23688			commissioning and	#23688		calculation		
	part 10		i	including startup and	part 26d			N/A	
				shutdown of turbines with	,				
				catalyst					

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	162	NO
POC	BAAQMD	Y		1 ppmv @ 15% O2, dry,	BAAQMD	P/A	Source Test		
	condition			1-hr average except during	condition			NI/A	
	#23688,			turbine startup or	#23688,			N/A	
	part 19d			shutdown	part 26d				
POC	BAAQMD	Υ		20.2 lb/day for each	BAAQMD	P/A	Source Test		
	condition			turbine/HRSG power train	condition			A1 / A	
	#23688,			including startup and	#23688,			N/A	
	part 22			shutdown	part 26d				
POC	BAAQMD	Υ		80.8 lb/day for all turbines	BAAQMD	P/A	Source Test		
	condition			and HRSG combined,	condition				
	#23688,			including startup and	#23688,			N/A	
	part 22			shutdown	part 26d				
POC	BAAQMD	Υ		12.3 tons/year for all	BAAQMD	P/A	Source Test		
	condition			turbines and HRSGs	condition				
	#23688 part			combined including startup	#23688,		•	N/A	
	22			and shutdown.	part 26d	ı			
NH₃	BAAQMD	N		5 ppmv @ 15% O2, dry,	BAAQMD	C	NH₃ flow		
	condition			averaged over 3-hrs except	condition		meter		
	#23688,			during turbine startup or	#23688,			N/A	
	part 19b			shutdown	parts 19b and			•	
]				26b				
NH ₃	BAAQMD	N		5 ppmv @ 15% O2, dry,	BAAQMD	P/A	Source Test		
	condition			averaged over 3-hrs except	condition			21/2	
	#23688,			during turbine startup or	#23688,			N/A	
	part 19b			shutdown	part 26b				
NH ₃	BAAQMD	Υ		104 lb/day for each	BAAQMD	` P/A	Ammonia		
	condition			turbine/HRSG power train	condition		flow meter	A1/A	
	#23688,			including startup and	#23688,			N/A	
	part 22			shutdown	part 25b				
NH ₃	BAAQMD	Y		416 lb/day for all turbines	BAAQMD	P/A	Ammonia		
	condition			and HRSGs combined,	condition		flow meter	NI/A	
	#23688,			including startup and	#23688,			N/A	
	part 22			shutdown	part 25b				
NH₃	BAAQMD	Y		56.9 tons/year for all	BAAQMD	P/A	Source test		
	condition			turbines and HRSGs	condition			MI / A	
	#23688 part			combined including startup	#23688,			N/A	
	22			and shutdown.	part 26b				

			Future		Monitoring	Monitoring		Comp	liance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring		T 84-
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	Yes	No
Formalde	BAAQMD	N		6480 lbs/year for all	BAAQMD	P (Startup	Source Test		
hyde	condition			turbines and HRSGs	condition	and biennial		N/A	
	#23688 part			combined	#23688,	therafter)		N/A	
	43				Parts 44 & 45				
Acetaldeh	BAAQMD	N		3000 lbs/year for all	BAAQMD	P (Startup	Source Test		
yde	condition			turbines and HRSGs	condition	and biennial		N/A	
	#23688 part			combined	#23688,	therafter)		N/A	
	43				Parts 44 & 45				
Specific	BAAQMD	N		3.2 lbs/year for all turbines	BAAQMD	P (Startup	Source Test		
PAHs	condition			and HRSGs combined	condition	and biennial		N/A	
	#23688 part				#23688,	therafter)		N/A	ļ
	43				Parts 44 & 45				
Acrolein	BAAQMD	N		65.3 lbs/year for all	BAAQMD	P (Startup	Source Test		
	condition			turbines and HRSGs	condition	and biennial		N/A	
	#23688 part			combined	#23688,	therafter)		N/A	
	43				Parts 44 & 45				
Sulfuric	BAAQMD	Υ		7 tons/year for all turbines	BAAQMD	P/SA (May be	Source Test		
Acid Mist	condition			and HRSGs combined	condition	lowered after		N/A	İ
	#23688 part				#23688,	2 tests based		N/A	
	43				Parts 27	on variability)			
Heat	BAAQMD	Υ		500 MM BTU/ hr (HHV), for	BAAQMD	С	Fuel meter,		
nput limit	condition			each turbine	condition		firing	v	
	#23688,				#23688,		monitor,	X	
	part 24				part 25d		calculations		
Heat	BAAQMD	Y		500 MM BTU/ hr (HHV), for	BAAQMD	P/M	Fuel	· · · · · ·	
nput limit	condition			each turbine	condition		composition	v	
	#23688,				#23688,		analysis	X	
	part 24				part 25d				
Heat	BAAQMD	Y		500 MM BTU/ hr (HHV), for	BAAQMD	P/A	Source test		
nput limit	condition			each turbine	condition			81/4	
	#23688,				#23688,			N/A	
	part 24				part 25d				
Heat	BAAQMD	Υ		639 MM BTU/day (HHV) for	BAAQMD	С	fuel meter,		
nput limit	condition			each turbine w/ Duct	condition		firing	NI/A	
	#23688,			Burner	#23688,		monitor,	N/A	
	part 24				part 25d		calculations		1

			Future		Monitoring	Monitoring		Compl	iance
Type of	Citation of	FE	Effective		Requirement	Frequency	Monitoring	Yes	No
Limit	Limit	Y/N	Date	Limit	Citation	(P/C/N)	Туре	162	NO
Heat	BAAQMD	Y		639 MM BTU/day (HHV) for	BAAQMD	P/M	Fuel		
input limit	condition			each turbine w/ Duct	condition		composition	N/A	
	#23688,			Burner	#23688,		Analysis	N/A	
	part 24				part 25d				
Heat	BAAQMD	Y		639 MM BTU/day (HHV) for	BAAQMD	P/A	Source Test		
input limit	condition			each turbine w/ Duct	condition			NI/A	
	#23688,			Burner	#23688,			N/A	
	part 24				part 25d				
Heat	BAAQMD	γ		12,000 MM BTU/day (HHV)	BAAQMD	С	fuel meter,		
input limit	condition			for each turbine	condition		firing	v	
	#23688,				#23688,		monitor,	X	
	part 24				part 25d		calculations		
Heat	BAAQMD	Υ		12,000 MM BTU/day (HHV)	BAAQMD	P/Q	Fuel		
input limit	condition			for each turbine	condition		composition	v	
	#23688,				#23688,		Analysis	X	
	part 24				part 25d				
Heat	BAAQMD	Υ		15,366 MM BTU/day (HHV)	BAAQMD	С	fuel meter,		
input limit	condition			for each turbine w/ Duct	condition		firing	N/A	
	#23688,			Burner	#23688,		monitor,	11/15	
	part 24				part 25d		calculations		
Heat	BAAQMD	Y		15,366 MM BTU/day (HHV)	BAAQMD	P/Q	Fuel		
input limit	condition			for each turbine w/ Duct	condition		composition	N/A	
	#23688,			Burner	#23688,		Analysis	II/A	
	part 24				part 25d				
Heat	BAAQMD	Υ		18,215,000 MM BTU/yr	BAAQMD	С	fuel meter,		
input limit	condition			(HHV) for all turbines w/	condition		firing	v	
	#23688,			Duct Burner	#23688,		monitor,	Х	
	part 24				part 25d		calculations	····	
Heat	8AAQMD	Υ		16,560,000MM BTU/yr.	BAAQMD	P/Q	Fuel		
input limit	condition			(HHV) for all turbines w/	condition		composition	v	
	#23688,			Duct Burner	#23688,		analysis	X	
	part 24				part 25d				
Unabated	BAAQMD	Y		250 hours during	BAAQMD	P/H	Records		
firing	condition			commissioning	condition			v	
	#23688,				#23688,			Х	
	part 8	<u> </u>			part 8				

			Future		Monitoring	Monitoring		Comp	liance
Type of Limit	Citation of Limit	FE Y/N	Effective Date	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
MW	N/A			None	BAAQMD	P/A	Source test		
					condition			NI/A	
					#23688,			N/A	
					part 26h				
Gas	N/A			None	BAAQMD	P/A	Source test	N/A	
temper-					condition				
ature					#23688,				
					part 26j				
Stack gas	N/A			None	BAAQMD	P/A	Source test	N/A	
flow					condition				
					#23688,				
					part 26i				
NH ₃	N/A			None	BAAQMD	P/A	Source test	N/A	
injection					condition				
rate					#23688,				
					part 26k				
Water	N/A			None	BAAQMD	P/A	Source test	N/A	
Injection					condition				
Rate					#23688,				
		<u> </u>			part 26l				

Table VII – B Applicable Limits and Compliance Monitoring Requirements S-5 FIRE PUMP DIESEL ENGINE

_			Future		Monitoring	Monitoring		Compl	iance
Type of	Citation of	FE Y/N	Effective Date	Limit	Requirement Citation	Frequency	Monitoring	Yes	No
Limit	Limit	1/18	Date	>Ringelmann No.2 for no	Citation	(P/C/N)	Туре		
Opacity	BAAQMD 6-1-303.1	Y		more than 3 minutes in any		N		x	
Opacity	SIP Regulation 6-303.1	Y		>Ringelmann No.2 for no more than 3 minutes in any hour		2		x	
FP	BAAQMD 6-1-310	Υ		0.15 gr/dscf Particulate Weight Limitation		N		х	
FP	SIP Regulation 6-310	Y		0.15 gr/dscf		N		x	
SO₂	BAAQMD 9-1-301	N		GLC ¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours		N		x	
SO₂	BAAQMD 9-1-304	Υ		0.5% sulfur in fuel by weight	BAAQMD Condition #23688, part 39	P/E	Fuel certification	X	
Hours of operation	BAAQMD Regulation 9-8-330.1	N		Emergency use for an unlimited number of hours	BAAQMD Regulation 9-8-530	Р	Records	x	
Hours of operation	40 CFR Part 63, Subpart ZZZZ, 63.6640(f) (1)(ii)	Y		Maintenance checks and readiness testing less than 100 hr/yr	40 CFR Part 63, Subpart ZZZZ, 63.6655(e)	P	Records	x	
Hours of operation	BAAQMD Condition #23688, part 39	N		Reliability related activities less 50 hr/yr	BAAQMD Condition #23688, parts 41 & 42	C P/E	Records	.	

Table VII – C Applicable Limits and Compliance Monitoring Requirements S-11 SIX CELL COOLING TOWER

Time of	Citation of	FE	Future Effective		Monitoring	Monitoring	Manitorina	Comp	liance
Type of Limit	Citation of Limit	Y/N	Date	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type	Yes	No
Opacity	BAAQMD	Υ		>Ringelmann No.1 for		N			
	6-1-301			no more than 3				N/A	<u> </u>
				minutes in any hour					
Opacity	SIP	Y		>Ringelmann No.1 for		N			
	6-301			no more than 3				N/A	
				minutes in any hour					
FP	BAAQMD	Υ		0.15 gr/dscf		N			
	6-1-310							N/A	
FP	SIP	γ		0.15 gr/dscf		N			
	6-310								
								N/A	•
]
Drift Rate	BAAQMD	N		0.0005%	BAAQMD	P Initial	Source Test		
	Condition				Condition	(5 th and 15 th			
	#23688,				#23688,	Year if		N/A	
	part 46				part 47	required by	•		
	,					CPM)			
TDS	BAAQMD	N		<6,000 ppmw	BAAQMD	P/D	TDS Test		
	condition			7, 6,6	condition	, ·	,		
	#23688,				#23688, part			N/A	
	part 46				46				
	part 40				40				