

5936 PERKINS ROAD OXNARD, CA 93033

T (805) 986-3881 F (805) 488-5186

May 13, 2010

Mr. Keith Duval Supervisor, Enforcement Ventura County APCD 669 County Square Drive Ventura, CA 93003

Re:

International Paper - Hueneme Mill

2009-2010 Annual Title V Certification Package (PTO 0157)

Dear Mr. Duval:

Enclosed, please find a binder containing the 2009-2010 Title V Certification Forms and related documentation for the International Paper – Hueneme Mill. Supporting documentation is filed directly following the TVAF46 form for the applicable requirement.

If you have any questions, please feel free to contact Robyn Lebrilla at 805.271.7284.

Sincerely.

Kudy Rehbein'

International Paper, Hueneme Mill

enc: 2009-2010 Annual Title V Compliance Certification Binder

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2009 - 2010 Annual Title V Compliance Certification International Paper -- Hueneme Mill May 15, 2010

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TVPF45 -- Cover Sheet

Section 2

TVPF46 - Applicable Requirement or Part 70 Permit Attachments

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6.a. 74.15N3-0157	Boilers, Steam Generators, and Process Heaters – Exemption for Emergency Standby Units.
6.b. 103N4-0157	Stack Monitoring
6.c. STRMLN157- NOx, CO, NH3	Gas Turbine Based Cogeneration Unit; NOx, CO, and NH3 Applicable Requirements – NOx Streamlined.
6.d. STRMLN157-SOx	Gas Turbine Based Cogeneration Unit; SOx Applicable Requirements – Streamlined.
7.a. PO0157PC1	General Recordkeeping Requirements.
7.b. PO0157PC1	Solvent Cleaning Additional Requirements.
7.c. PO0157PC2	Turbine NOx and CO Emissions Limits.
7.d. PO0157PC2	Turbine and Duct Burner Natural Gas Only Requirement.
7.e. PO0157PC2	Nebraska Boiler and Turbine Simultaneous Operation Limits.
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Section 3 TVPF47 – Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment



ANNUAL COMPLIANCE CERTIFICATION SIGNATURE COVER FORM

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A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Mr. Gerardo Rios, Chief Permits Office (AIR-3) Office of Air Division EPA Region 9 75 Hawthorne Street San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official: July July Title: Mill Manager	Date: 5 / (3 / 2010)
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Time Period Covered by Compliance Certification

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number	Description:
and/or Permit Condition Number:	Rule 74.15.C.3, Boilers, Steam Generators, and Process
6.a. 74.15N3-0157	Heaters -Exemption for Emergency Standby Units

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Unit operated zero hours which is less than 10 days (240 hr).	
Therefore, no tune-up was performed.	

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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Altachmonl to 6.a, 74,15N3-0157

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	O. Response	Pursuant to Rule 74.15.0.3. Rulo 74.15.B.1 requirement do not apply because the unit only operated during breakdowns which were reported under Rule 32.	When combined with emissions from the Cogen unit(s), emissions do not exceed 50 tons of NOx per year and 97.66 tons of CO per year (see table below).	Tuning requirements do not apply because the unit operated less than ten (10) days per calendary year,	Tuning requirements do not apply because the unit operated less than ten (10) days per calendary year,	Records of hours of operation and resulting emissions are presented in the table below. No bodier tune-up reports are available for the compliance year.
	Condition No.	-	7	n	4	5

<u>_</u>		Monthly	小	Ro	Rolling 12-Months	ilhs				Emissions	ions			
_	Month-Year	Natrual Gas	Uptime	Natrual Gas	Uptime	Capacity Factor	Nebraska	Nebraska Emissions	Cogon	Cogan Emissions	Total Er	Total Emissions	Rolling	Rolling 12 Months
_!		(sci)	(Hours)	(sct)	(l)onte)	(%)	NOx (tons)	CO (lans)	NOx (tons)	CO(lons)	NOx (tons)	CO (tons)	NOx (lons)	CO (tons)
	April-08	21,455	2.9	21,455	2.80	0.002%	0.0134	0.00168	3.63	4.01	3.84	4.01	3.B4	4.01
	May-08	76,373	2.58	97,828	5.38	0.011%	0.0124	0.00155	3.83	3.84	3.90	3.94	7,75	7.95
_	June-08	•	0	97,828	5.38	0.011%	0	•	3.62	3.61	3.82	3.61	11.57	11.56
_	July-08	0	٥	97,828	5.38	0.011%	0	0	3.89	3.43	3,89	3.43	15.46	14.99
_	Atagust-08	•	0	97,828	5,38	0.011%	0	0	4.03	321	4.03	3.21	19.49	18.20
	September-08	0	0	97,828	5,38	0.011%	0	•	3.80	3.00	3.80	3.00	23.29	21.20
	October-08	•	•	97.828	5.38	0.011%	0	0	3.66	3,65	3.66	3.65	28.95	24,85
	November-08	0	0	97,828	5,38	0.011%	0	•	2.21	2.20	2.21	2.20	29.16	27.05
	December-08	0	0	97,628	5.38	0,011%	0	0	0.82	0.97	0.82	76.0	29.96	28.02
	January-09	0	•	97,828	5,38	0.011%	٥	0	2.49	2.63	2.49	2.63	32.47	30.65
	February-09	0	0	97,828	5.38	0.011%	0	₽	2.34	2.38	2,34	2.38	34.81	33.03
	March-09	0	o	97,828	5.38	0.011%	•	9	2.28	2,77	2.26	2.77	37.07	35.80
	April-08	•	0	76,373	2.58	0.000%	ò	•	2.65	2.73	2.65	2.73	35.87	34.52
	May 09	_	₽	ā	0	% 0	d	0	2.94	2.95	2.94	2.85	94.91	33.53
_	BO-aunr	•	¢	_	0	%0 0	0	0	2.87	2,62	2.87	2.62	33.96	32.54
_	60-king	_	•	0	0	%0	q	0	2.90	2.50	2.90	2,50	32.97	31.61
_	August-09	9	0	0	•	%0 0	0	0	2.85	2.56	2.65	2.56	31.59	30.96
_	Septembor-09	•	•	0	0	%0	p	0	2,69	2,34	2.69	2.34	30.48	30.30
_	October-09	0	o	0	۵	%0	0	٥	2,75	2.23	2.75	2.23	29.57	28.85
	November-09	0	0	0	٥	%0	0	•	2.79	2.76	2.78	2.76	30.15	20.44
	Оесешрег-09	0	0	0	a	86	0	0	3.42	3.35	3.42	3.35	32.75	31.82
	January-10	٥	•	0	0	%	0	ò	3.92	4.11	3,82	1.4	8.18	33.30
	February-10	•	0	•	D	%0	0	-	3.45	4.53	3.45	4.53	35.29	35.45
	March-10	٥	٥	0	٥	90%	0	0	3.57	5.03	3.57	5.08	36.60	37,76
_	Maximums:	•	0.00	76,373	2.68	0.008%	0	0	3.92	6.08	3.92	5.08	36.60	37.76

Sample Calculation: Capacity Factor = Annual Fuel Usage * HHV natural gas /(Equipment rating * Hourstyear) Capacity Factor = (10 MMct/yr) * (1,030 BTU/cl) / ((108 MMBtu/hr) * (8,760 hr/yr)) Capacity Factor = 1,09%

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number;	Description:
6.b. 103N5-0157	Rule 103. Stack Monitoring - Nebraska Boiler

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Maximum rolling 12-month capacity factor is 0.0%. Thus, the unit remains exempt from Rule 103.A.2. Monthly fuel consumption and capacity factor calculations are attached to the TVPF46 form for requirement 6.a. 74.15N3-0157.

- 2. Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - Continuous All monitoring measurements show compliance with the Part 70 permit condition
 Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐ Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number;	Description:
6.c. STRMLN157-NOX, CO, NH3	Gas Turbine Based Cogeneration Unit; NOx, CO, and NH3 Applicable Requirements - NOx Streamlined

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Source test re-scheduled to later date with APCD approval (see attached letter).

CEM data for other operating parameters is maintained on-site.

Sampling for NOX, CO & O2 - EPA Method 20 and CARB Method 100, NH3 - BAAQMD Method ST-1B.

HHV of gaseous fuel - ASTM Method D1826-88, HHV of fuel oil - ASTM Method 240-87.

- 2.

 Yes

 No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
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Time Period Covered by Compliance Certification:

669 County Square Drive Ventura, California 93003

Michael Villegas Air Pallution Control Officer

December 2, 2009

Rudy Rehbein, Plant Manager International Paper, Hueneme Mill P. O. Box 519 Port Hueneme, CA 93044

Subject: Scheduling of Turbine Annual Source Test

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Dear Mr. Rehbein:

The Ventura County APCD has reviewed your request to return the schedule of the annual source test on the turbine back to its original source test month. We found that International Paper's source test was conducted in May starting in 1999, and has moved forward a month periodically since that time. Therefore, we will agree to allow International Paper to schedule its annual source test in April of each year.

Thank you for your cooperation in this matter. If you have any questions, please contact air quality engineer Lyle Olson at 805/645-1413.

Sincerely,

Keith Duval

Deputy Air Pollution Control Officer

✓ c. Victor Kumpera, Technical Department Superintendent, International Paper, Hueneme Mill

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Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
6.d. STRMLN157-SQx	Gas Turbine Based Cogeneration Unit, SOx Applicable Requirements -Streamlined

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Facility burns PUC quality gas only. Annual source test for non-PUC quality gas, none for PUC quality gas. Gaseous fuel: SCAQMD Method 307-94; Exhaust Sulfur Compounds - EPA Test Method 6, 6A, 6C, 8, 15, 16A, 16B, or SCAQMD Method 307-94, as appropriate.

- 2. MYes DNo Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4.

 Ouring the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment Form TVPF46/07-21-03 Page 2 of 2

- 6. The ElNo During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description;
7.a. P00157PC1	General Recordkeeping Requirements

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Monthly records of throughput and consumption are attached to the TVPF 46 forms for	
requirements 7.b. P00157PC1 (solvents) and 7.c. P00157PC2 (fuels).	

- 2. Yes No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - □ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 □ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.5. 2000157PC1	Solvent Cleaning Additional Requirements

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Monthly	records	σŧ	solvent	purchase	and	usage	are	attached.	•	-	
									_		

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - □ Continuous All monitoring measurements show compliance with the Part 70 permit condition
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- 4. □Yes 図No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. Days and During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
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Time Period Covered by Compliance Certification:

Attachment to 7.b. PO0157PC1

Intomational Paper - Hueneme Mill

Material Name:	CRC14005-Natural Degresser	Lrail	Power Back	Back	Amax Solvent Degreaser (378 GE)	Solvent (378 GE)	Electron LVC Aerosof (replaces Amax 378E)	'C Aerosol nax 378E)	Mobil Grease XTC	sse XTC	Mobilgrease XHP 222	XHP 222
Container size (gal): VOC content (lb/gal): HHC content (lb/gal):	0.125 6.94 0		0.14	4	0.09375 6.3 0	3.3	0.141 0.818 0	£ 92	0.086	8 .	9800	4
	(containers (gal	(yr)	(containers /mo)	(delly)	(containers	(gal/yr)	(conlainers	(gallyr)	(containers	(gal/yr)	(containers	(gal/yr)
May-08	0		2.5	,	0	ļ.	<u>.</u>	<u>.</u>	0		-	
Jun-08		_	Q	,	Ф		•		0	,	٥	
30-Jul-08	0	_	O)		ω		•	,	0	•	۵	,
Aug-08	0	_	0		0	,			۵		٥	,
Sep-08	•	_	7.5		ง	•			0	,	٥	
Oct-08	٥	_	٨.		m		,	,	٥		0	
Nov-08	25		15		-	,	,		7	,	۰	,
Dec-08	•	_	15	,	-				o	ı	•	
Jan-09	•	_	5	,	ы				•	ı	•	•
Feb-09	•		တ	,	ю			,	2	,	•	
Mar-09	0	<u> </u>	ιń		7	,	ı	,	0	•	•	,
Apr-09	0	<u></u>	8	83	0	6. 5.	ı	٥	0	0.34	•	•
May-09	0	<u></u>	÷.	88	۰	2.5	,	0	-	0.43	-	0.086
6¢-vnr	···	<u> </u>	18	9	7	2,8	•	•	•	0.43	٥	0.086
Julidge	.,	_	0	2	0	2,3	•	0	0	0.43	٥	0.086
Aug-09	0	_	12	103	•	2.3	•	0	0	0.43	0	0.086
Sep-09	0	_	ø,	103	0	6 .	1	•	0	0.43	0	0.086
Oct-09	٥,	<u></u>	0	96	ı	2	m	0.42	0	0.43	0	0.086
Nov-09	24	<u> </u>	æ	ф Ф	ı	1,4	0	0.42	o	0.26	0	0.086
Dec-09	0	_	co Co	92	,	1,3	0	0,42	0	0.26	0	0.086
Jan-10	0	~	a	74	,	Ţ	0	0,42	0	0.26	۵	0,085
Feb-10	0	<u>~</u>	0	69		8,0	w	1.13	-	0.17	٥	0.086
Mar-10	0		0	64	'	0.2	4	1.69	a	0.17	0	0.086
Rolling 12-Month Maximums	- 1	_	13	103	2	3.2	2	1.69	-	0.43	-	0.086
ROG Emissions (tons/yr): HMC Emissions (tons/yr):	0.010		0.007	- 1	0.010	10	100'0	5	0.6		00	
-2. Comment of the co	,		,		,		,		3		•	

Iblgal VOC and HHC contents are calculated on a less water and exempl compounds basis.

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13 ECOLINK.

Material Safety Data Sheet

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ELECTRON LVC Aerosol

Low VOC Degreasing Solvent

Rev. 05/01/2008

Section I: Product Identification

Product name:

ELECTRON LVC Aerosol

Synonym:

Proprietary Blend

Molecular Formula:

Proprietary Blend Apr

The "Plain English" Section

Material Safety Data Sheets can be confusing. Federal law requires us to print a great deal of technical information, which probably won't help the non-scientist. ECOLINK includes this "PLAIN ENGLISH" section, written to address the questions and concerns of the average person. If you have additional health, safety or product questions, don't hesitate to call us at 800/886-8240.

Health Hazards: ELECTRON LVC is an industrial chemical. We call it "environmentally preferred" because it is intended to replace products that are more hazardous, (HCFC-141b, trichloroethylene, MEX, etc.). This does not mean that ELECTRON LVC is completely harmless. It is strong enough to remove tough industrial soils, so it can imitate your skin. We suggest you wear gloves, and avoid extended exposure to unprotected skin. Do not get it in your eyes, or breath large amounts of the vapor, (it will dry out your nasal passages). Used on a rag or from a spray bottle, the product will not produce tumes in any great quantity, (do not spray ELECTRON LVC under high pressure without adequate ventilation). For more exposure and first aid information, refer to MSOS Sections II. VI.

Flashpoint ELECTRON LVC's flashpoint is 109° F. This represents the temperature that the liquid must be before it emits fumes that may ignite. If ELECTRON LVC is used on rags, the rags can ignite if exposed to an open flame because the solvent is "wicked" onto the cloth. Be sure to dispose of rags in an airtight container specifically designed to prevent spontaneous combustion. Don't use ELECTRON LVC or any other combustible solvent around welding or any other hot work area.

Disposal: Because ELECTRON LVC's flashpoint is below 140°F, it is considered a hazardous waste product, (ignitable). If you spill ELECTRON LVC, notify the proper environmental people at your company ASAP. Once ELECTRON LVC is contaminated with whatever you are cleaning, the resulting mixture may fall under an additional hazardous classification, depending on whether or not the material you are cleaning is hazardous. If you are not sure how to dispose of the used ELECTRON LVC give us a call and we will help you make the right decision.

2177-A Flintstone Drive Tucker, GA 30084 www.ecolink.com email: info@ecolink.com 800/886-8240 or 770/621-8240 (9–5 EST) EMERGENCY NUMBERS
Call Infotrac
800/535-5053 (24 HOURS)

Section II: Hazardous Components

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Chemical Name

Parachlorobenzotrifluoride

CAS No.

98-56-6 85-95%

Approx. wt.%
Exposure Limit

ACGIH TLV: Not Established

OSHA PEL: Not Established

25 ppm TWA: Supplier

Chemical Name

d-Limonene

CAS No.

5989-27-5

Approx. wt.%

5-10%

Exposure Limit

Not Established

Chemical Name

Carbon Dioxide

CAS No.

124-38-9

Approx. wt%

<5%

Exposure

ACGIH-TLV - 5000 ppm

OSHA-PEL - 5000 ppm

RCRA REGULATED:

Yes (Refer to Sec. VIII)

CERCLA (superfund):

WA

ALL MATERIALS IN PRODUCT ARE TSCA LISTED.

OOT Regulated:

No

DOT Haz. Class;

N/A

DOT Shipping Name:

N/A

DOT Number:

Not Listed

Section III: Physical Data

Appearance & Odor:

Clear, colorless liquid with sweet napthalenic odor.

Boiling Range:

280-320°F

Evaporation Rate (nBuAc=1);

Approx. 0.8

Solubility In Water:

Nil

Specific Gravity:

1.258

VOC Content:

98 gm/l

Vapor Density (AIR=1):

>5.0

Vapor Pressure (mm Hg.):

5.1 @ 20°C (liquid)

Section IV: Fire and Explosion Hazard Data

Flash Point (Method):

Bulk Liquid (TCC)

109°F

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Flammable Limits:

LEL Approx. 1
UEL Approx 10

Autoignition temperature

Unknown

Extinguishing Media:

Regular foam, water fog, carbon dioxide, dry chemical, class B.

Special Fire Fighting Procedures:

Keep fire exposed containers cool with water. Fire fighters should wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate gear and chemical resistant personal protective equipment.

Unusual Fire & Explosion Hazards:

Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Contents under pressure. Do not store at temperatures exceeding 120 F or in direct sunlight.

Section V: Reactivity Data

Stability:

Stable

Conditions to Avoid:

Sources of ignition such as sparks, hot spots, welding, flames and cigarettes. Ignition/flash may result if concentration of product is in the flammable range (See Section IV for LEL and UEL values).

Incompatibility (materials to avoid):

If mixed with strong oxidizers and or acids there is the possibility of a dangerous chemical reaction.

Hazardous Decomposition;

May form carbon dioxide and carbon monoxide.

Hazardous Polymerizaţion:

Will Not Occur.

Section VI: Health Hazard Data

Primary routes of exposure: Oral, Inhalation, and Skin

Ingestion:

Swallowing large amounts may be harmful by causing gastrointestinal irritation.

Inhalation:

Breathing large amounts may be harmful, by causing nose, throat, and respiratory tract imitation.

⊨yes:

Irritant. Liquid contact will irritate eyes and may cause stinging, learing, and redness.

Skin or Contact:

May cause mild irritation or redness and burning, skin defatting.

First Aid:

Ingestion: Do not induce vomiting. If conscious,

give 1 or 2 glasses of water. Seek medical attention immediately. Caution: aspiration into lungs can cause chemical

pneumonia which may be fatal.

Inhalation: Remove to fresh air; if breathing is

difficult give oxygen. Keep person warm

and quiet. Seek medical attention.

Eves: Imigate immediately with water for at

least 15 minutes. Get medical attention if imitation persists.

Skin: Wash with soap and water.

Thoroughly clean contaminated clothes and shoes before re-use. If symptoms persist, seek medical

attention.

Cardinogen: NTP – Not Listed

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IARC Monographs – None OSHA REGS – Not Regulated

Section VII: Precautions for Safe Handling

HMIS Information:

Health - 2 / Reactivity - 0

Flammability - 2 Personal Protection - C

HMIS Definition:

0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Extreme */ in the Health Category denotes material does not target any major organs.

Eye Protection:

Safety glasses and splash protection required.

Protective Gloves:

Chemical resistant such as Butyl, Nitrile, Teffon.

Respiratory Protection:

If exposure limits are exceeded, respiratory protection such as NIOSH certified organic vapor mask.

Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. If applicable use process enclosures, local exhaust, or other engineering controls to maintain levels below exposure limits.

Other Protective Clothing: Not required under normal use.

Work Practices: Wash hands before eating, drinking, or smoking.

Section VIII: Control Measures

Absorb liquid on vermiculite, floor absorbent, or other absorbent material and transfer to hood. Eliminate all ignition sources, (Rares, flames including pilot lights, electrical sparks). Prevent from entering drains, sewers, streams, etc. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Waste Disposal Method: ELECTRON LVC liquid is to be disposed of according to local, state, and federal

regulations. Please call us if you need additional disposal information.

Under RCRA the liquid concentrate is considered a hazardous waste due to the flash point. The EPA hazardous waste number is D001.

Precautions To Be Taken In Handling & Storing: Since empty containers retain product residues, all hazard precautions given in the data sheet must be observed. All metal pails or drums should be grounded and/or bonded when material is transferred. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature may result in ignition.

Other Precautions: Keep this and all chemicals out of the reach of children.

Section IX: Part Number and Packaging

Product Name	Part No.	Packaging
ELECTRON LVC	1181-18	12 x 18 oz aerosols

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DISCLAIMER: Ecolink, Inc. bolleves the information contained herein is accurate. However, Ecolink makes no warranty, expressed or implied, regarding the accuracy of this data or the results to be obtained by the use thereof. Ecolink, Inc. assumes no responsibility for injury from the use of the product described herein.

END OF MSOS

Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.c. PO00157PC2	Turbine NOx and CO Emissions Limits

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Monthly calculations based upon NOx and CO hourly emissions from Cogen unit are attached. Hourly records are maintained on-site. Emissions exceedences were reported to APCD in letters dated August 28 and October 2 which are also attached.

- 2. ZiYes DNo Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☐ Continuous All monitoring measurements show compliance with the Part 70 permit condition ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

- 6. Dering the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

<u>04</u> / <u>01</u> / <u>2009</u> (MM/DD/YY) to <u>03</u> / <u>31</u> / <u>2010</u> (MM/DD/YY)

Annual Title V Compliance Comfidence Permityear: April 1, 2009 Unough March 31, 2010

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Attachment to T.c. P006157PC2

GAS USE AND EMISSIONS BY MONTH

		CAS 1	GAS TURBINE		COE	COEN DUCT BURNER	INER	Ĺ	2	MAXON BURKER				1	CEMS	
DATE	Monthly (therms)	HKV	Monthly (sef)	Rolling 12+ month (MMcf)	Manifity (thems)	Monthly (set)	Rolleng 12- manth	Monthly (therms)	Manthy	Rating 12- month (MMch	NOx (lods)	& `	Manchy CO (bans)	Monitréy NOs (lons)	Roung 12- Months	
Action	1000 1300		450 040 400	40,	000	7	, Table		1						8	NUX BOOK
Parity .	מייים מייים		200	180	33.332	030,000,0	7	3	3B/4/Z	D.4	0 C1B	0.02	403			3.8
May-08	2,016,734	1	185,636,932	388	21 735	2,105,425	5	11037	1069131	1.5	0.050	0.07	3.04	3.89	9.0	7.7
PO-COT	1,997,284	<u>'</u>	183,942,450	580	16 324	1,581,772	7	34121	3305231	879	0.154	22.0	19.6	3.62	11.6	11.5
20-11 1-11	2,029,857		187,105,389	777	8,055	.	B	4414	427575	62	070.0	67.0	5,43	3.65	15.0	15.4
Aug-Cd	2,113,124	 	205,180,872	585	10,915	1,057,314	В	2832	574814	58	4027	0.27	3.21			19.5
Sep-DB	1,996.249		193,841,949	1176	0.009	ı	0	12164	1178302	6.0	2500	0.32	3.00	3.80		
69-190 Oct-08	1,935,622		188,051,983	1364	75,224	2	42	5934	674814	7.5	0.027	0.35	3.65			
₩-48	1,277,802		124,078,524	1488	17,359	_	14	7090	00000	8.2	0.031	D.38	2.20	2.21	27.1	
Dec-dB	422,427		41,018,667	1529	12,905	1,250,081	ž	3	1518	8.2	0.000	0.38	76.0		29.0	
60-var	1,259 504		122.307.558		32,278	3,128,703	18	와	445174	8.8	0.021	0.40	263	2.49	30.7	
Feb-09	1216,232		118.099.897		18,782	1,820,342	20		1837	8.6	0.000	0.40	2.38		33.0	
Mar-09	1.143.877	- 	111.D73.993	1881	17,053	1,739,070	22	26	2518	3.	0,000	940	2.77			
491.49	1,350,622	1,016	132 835,238	1833	22,642	П			470197	4.8	0.022		2.73			35.9
SD-Key (3)	1,434,822	1,035	138 639,807	1756	24,918	Π		3058	2915028]	8.0	0.014		2.85			
85.5g	1,391,067	<u>.</u>	133,627,954	1706	18,643	1,790,874	21	1981	1158637	6.5 5.B	0.054		2.02	787	32.5	
e e	1.464,474	1,020	142,735,257	1652	11,168	1,068,499	22	5945	580142	0.9	0.027	0.28	05.2	L	31.5	
Aug-05	1,303,951	, DM2	125, 138,251	1572	15,451	1,482,821	22	2106	2040D4	5.6	0.009	920	2.56	2.65	31.0	
S-0-3	1,340,1911	500	130,750,341	ı	15,008	1.464,195	12	1055	102186	4.5	0.005	0.21	2,34		30.3	
55-50	1,431,674	1.045	134,959,273	1455	14,404	1,377,055	21		140749	4.1	0.007	0.18	2.23		28.9	29.6
Nove	1,395,623	1.013	187,771,273		21,601	2,132,370	22		299903	3.7	0.014	Q.17	2.76	2.79	29.4	
00000	1,735,235	Ž	165,542,789	1594	28.839	2,754,441	23		364275	1.6	D.D1B	Q.1B	30.0	3.42	B 1.C	
Man-10	1.982.386	200	191,208,629	1662	30.711	2.947,313	23		417113	1.4	0.018	0.19	11.0	3.62	33.3	
Pep-10	1.750,783	229	171,367,534	1716	35 382	3,483,014	52 2	1000	1279141	5.3	6.059	0.75	£5'Þ	3.45	35.5	
Mar-10	1,864,739	1,003	183,421,007	1788	46 528	4,604,163	28	22101	2149596	7.5	0.100	5t'0	80'5	3.57	37.8	386
Mak, Round 12 Mamilia				1,823	'		58		_ -	8.7		0.41	-		37.76	34.40
				2,847	•	•	929		٠	38.5		1,80			97.66	8
Exceeds Perint Limit?			i	2		•	2			NO	•	O.Y	<u>,</u>		2	£
Excess Emissions (Max. Roling 12 Months	K Roling 12 Mg	anths.		•1024	•	,	-626			27.8	-	-1.48	-		59.00	-13.40
Excess emissions (Complance Year	rajanca Year)			36.	- ۱	,	832	•	,	27.9	-	-1.50			-61,86	-12.96

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*CEMS data columns calculas marbly emissons by summing the pounds per lour emissions for every hour during the month shall the burbine was operating, including start-ups, shull-downs, and upsets. The CEMS uses the tobowing methodology to estimate emissons as presented in this condition of the permit.

X - (hourly ppmv@15% O2) * (hourly fuel trroughput)
X - (hourly ppmv@15% O2) * (annual fuel livroughput) / 2000 lotte toodys

where

X = (8,740 dachMMB(v) * (INOx or CO) (MIS-male) * (20 9/20.9-15) * (16-male/387 sc) * 1£-6 * HHV

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(Byerage HHV of fuel analyses over company, year)	(from spreadtheel above)		
1,032 pluid	1,823 MMC	60 PAPMING	28 Ib/Ib-mole
T VAHA	- ลงกบล! ป้ากอบฏิทักษา -	NO.	•00

	×	Concentration Nam.	ar. Polling 12: E	Endsons	Emisskans	Emission	Exceeds	Excoss
		Mo	Throughout			Limits	Permi	Emissions
	i	(Appmy)	Metery	(IDSA)	(londys)	(plant)rt)	E E	
NOX	3.60	11.10	1,623	11.30	59.85 59.45	50.00	Q 2	.31.65
00	2.31	23.60	1,823	13,15	4	97.65	9	-52.42

NOx and CD ppmy data from AIRs source test conducted 62 (009).

Max. Rolling 12-Months Hours of Operation

6,927.10 http://



5936 PERKINS ROAD OXNARD, CA 93033

T (805) 988-3881 F (805) 488-5186

October 2, 2009

Lyle Olson County of Ventura Air Pollution Control District 669 County Square Drive, Second Floor Ventura, CA 93003

Subject:

Breakdown report - Steam Injection valve failed

Dear Mr. Olson:

This letter is a follow up on a call made to the VCAPCD Breakdown Center Hotline on October 1, 2009 by Robyn Lebrilla at approximately 12:40 PM.

On October 1, 2009 at about 10:45 AM, the E&I Technician noticed that the turbine NOx emission was above the 12 ppm limit. He then notified the E&I Supervisor & the Environmental Engineer. Review of operational data showed low steam injection flow. Maintenance crew then checked the steam injection valve for NOx emission control, and found out that it was stuck open at 25%. This issue was corrected at about 11:45 AM by shutting down the steam injection and enabling it back again. To avoid future occurrences, the steam injection valve will be replaced.

This incident resulted to an excess NOx emission of about 23 lbs using the the 3-hour NOx running average of 19.75 ppm from 10:00 AM to 1:00 PM. The Dally Emission Sheets, PI trend, DCS Trends, Environmental Incident Report and Cogen Reports have been provided for your review. If you have any questions or require additional information, please call at (805) 271-7284.

Sincerely,

Robyn Lebrilla

Environmental Engineer

5936 PERKINS ROAD OXNARD, CA 93033

T (805) 986-3881 F (805) 486-5186

August 28, 2009

Lyle Olson County of Ventura Air Pollution Control District 669 County Square Drive, Second Floor Ventura, CA 93003

Subject Excess NOx emissions due to ammonia valve control issue

Dear Mr. Olson:

This letter is a follow up on a call made to the VCAPCD Breakdown Center Hotline on August 27, 2009 by Robyn Lebrilla at approximately 6:40 AM.

On August 26, 2009 at 11:37 PM, the turbine tripped due to low level on HP boiler. The turbine was powering up at 12:20 AM on August 27, 2009. However, at 12:28 AM the 52U breaker opened up which severed the connection between the mill and the power grid. It took the mill 32 minutes (12:28 AM to 1:00 AM) to close the breaker, at which point the mill started powering up. During the turbine power up, at about 2:45 AM, it was found out that the ammonia valve for NOx emission control did not engage. Operator manually opened the ammonia valve, and then afterwards put the valve into its normal operating mode.

This breakdown resulted to NOx excess emissions. Since the mill had unplanned load change at 12:28 PM, excess NOx emission was calculated starting at 2:28 PM (after the 2-hour unplanned load change exemption).

The total calculated excess emissions of NOx was 7.70 lbs using the 3-hour NOx running average of 14.43 ppm from 2:28 AM to 5:28 AM. The Daily Emission Sheets, PI trend, DCS Trends, and Cogen Reports have been provided for your review. If you have any questions or require additional information, please call at (805) 271-7284.

Sincerely,

्राह्म हैं र कर्नु (. Robyn Lebrilla

Environmental Engineer

Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

monitoring."

Citation, Including Attachment Num	ber Description:
and/or Permit Condition Number:	
7.d. PO00157PC2	Turbine and Duct Burner Natural Gas Only Requirement
certification in the applicable red 1. Please indicate the method(s	rmation specifically required to be submitted with the compliance quirement or Part 70 permit condition. s) that you use for determining compliance. Indicate the frequency of source test reference method, if applicable.
Fueled by natural gas only.	
2. ☑Yes □No Are you measurem	currently in compliance as indicated by the <u>most recent</u> monitoring ent or observation as described above?
3. Please indicate if compliance	during the reporting period was continuous or intermittent:
☑ Continuous – All monito☐ Intermittent – One or mo	oring measurements show compliance with the Part 70 permit condition ore measurements indicate a failure to meet the Part 70 permit condition
monitoring as "a depa	ne time period covered by this compliance certification, does the g data indicate any excursions, if applicable? An excursion is defined arture from an indicator or surrogate parameter range established for g under the applicable requirement or Part 70 permit condition,

□Yes ⊠No

During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

consistent with any averaging period specified for averaging the results of the

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Applicable Requirement or Part 70 Pennit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

- 6. The sime During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

)

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.e. 9000157PC2	Nebraska Boiler and Turbine Simultaneous Operation Limits

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Annual compliance certification and records of operation of the Nebraska boiler (see 6.a. 74.15N3). The Nebraska boiler did not operate during compliance year.

- 2.

 Yes

 No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. Design During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- 5.

 During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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- 6. The No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description;
7.f. PO00157PC2	Nebraska Boiler NOx Emission Limits

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

CEMS for fuel consumption, NOx, and O2. Daily zero and span drift checks when boiler is in operation. Strip chart recordings on file at facility.

- 2.

 Yes DNo

 Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment Form TVPF46/07-21-03 Page 2 of 2

- 6. UYes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.g. PG00157PC2	Nebraska Boiler NOx and Oxygen
	Continuous Monitoring Requirements

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

CBMS for fuel consumption, NOx, and O2. Daily zero and span drift checks when boiler is in operation.

- 2. Are you currently in compliance as indicated by the <u>most recent monitoring</u> measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment Form TVPF46/07-21-03 Page 2 of 2

- 6. The Mo During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.h. P000157PC2	Nebraska Boiler Fuel Gil Limitations

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

No diesel fuel was burned during the reporting period. Monthly records of the reason for fixing fuel oil. Records of each fuel oil delivery including date and amounts. Obtain sulfur content of fuel from supplier. Fuel sulfur content: ASTM Method D4294-83 or D2622-87.

- 2. Zi Yes No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- Please indicate if compliance during the reporting period was continuous or intermittent:
 - Continuous All monitoring measurements show compliance with the Part 70 permit condition
 Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
7.i. 2000157PC2	Recordkeeping Requirements for the Nebraska Boiler Fuel Oil Limitations

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

No fuel oil was burned during the compliance year. Monthly records of the reason for firing fuel oil. Records of each fuel oil delivery including date and amounts. Obtain sulfur content of fuel from supplier. Fuel sulfur content: ASTM Method D4294-83 or D2622-87.

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment Form TVPF46/07-21-03 Page 2 of 2

- 6. ☐Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description;
7.j. PO00157PC2	Recordkeeping Requirements for the Maxon Duct Burner

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

Please indicate the method(s) that you use for determining compliance. Indicate the frequency of
monitoring and indicate the source test reference method, if applicable.

Monitor time and duration of the Maxon Burner's use, and fuel consumption.
Fuel use attached to 6.a. F00157PC1.

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☑ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☒No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Pennit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.a. Rule 50	Opacity

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Stack opacity routinely observed by operator.

Observations on 6/24/2009, 9/25/2009, 12/30/2009 and 3/10/2010 have been formally documented and are attached.

- 2. ■Yes □No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - Continuous All monitoring measurements show compliance with the Part 70 permit condition
 Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Time Period Covered by Compliance Certification:

Object:	Cogen Stack
Date of Observation:	03/10/10
Time of Observation:	1;30 PM
Fuel burned:	Natural Gas
Name of the observing person:	R. Lebrilla
Signature	MACH
Was Visible Emission Other Than Steam Present ?	No
Object:	Nebraska Boiler
Date of Observation:	n/a
Time of Observation:	n/a
Fuel burned:	n/a
Name of the observing person:	n/a
Signature	n/a
Was Visible Emission Other Than Steam Present ?	n/a

Paper Forming	03/10/10	1:30 PM	N/A	R, Lebrilla	hash ham	No
Object	Date of Observation:	Time of Observation:	Fuel burned:	Name of the observing person:	Signature	Was Visible Emission Other Than Steam Present?

	Paper Drying: Maxon Burner
Date of Observation:	03/10/10
Time of Observation:	1:30 PM
Fuel burned;	N/A
Name of the observing person:	R. Lebrilla
Signature	math
Was Visible Emission Other Than Steam Present ?	No

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Other Than Steam Present? Dbject: Obsorvation: I burned:	Signature	102 Lel 1
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Observation: Observation:		
Observation:	Object:	Paper Drying; Maxon Burner
Observation:	Observation:	12/24/09
l burned:	Time of Observation:	1:00 PW
	Fuel burned:	N/A
Name of the observing person:	Name of the observing person:	R. Lebrilla
ignature		La. 14 (1
lan Steam Present ?		NO N

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Date of Observation: 10g Time of Observation: 10g Fuel burned:	09/25/09 10:30 AM Natural Gas R. Lebrilla // No No Nebraska Botter n/a n/a n/a n/a n/a
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Observation:	09/25/09
	10:30 AM
Fuol burned;	A/N
g person:	R - ehrila
ignature	17/1/
Was Visible Emission Other Than Steam Present ?	NA NA

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Object:	Cogen Stack
Date of Observation:	06/24/09
Time of Observation:	10:00 AM
Fuel burned:	Natural Gas
Name of the observing person:	R. Lebrilla
Signature	Michil
Was Visible Emission Other Than Steam Present ?	/ No
Object:	Nebraska Boiler
Date of Observation:	n/a
Time of Observation:	πfa
Fuel burned:	1/3
Name of the observing person:	n/a
Signature	n/a
Was Visible Emission Other Than Steam Prosont ?	n/a

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Pager Forming	06/24/09	10:00 AM	N/A	R. Lebrilla	1444	No No
Object:	Date of Observation:	Time of Observation:	Fuel burned:	Name of the observing person:	Signature	Was Visible Emission Other Than Steam Present?

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.b. Rule 54.B.1	Sulfur Compounds - \$0x at Point of Discharge

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Follow monitoring requirements under Rule 64.

Compliance with Rule 64 ensures compliance with this rule based on District analysis.

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- 5. During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. The ENo During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition

)

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.c. Rule 54.B.2	Sulfur Compounds - SOx at or Beyond Property Line

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Compliance by use of PUC quality natural gas as discussed in VCAPCD memo dated 5/23/96 (attached).

- 2. ☑Yes ☐No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☐ Continuous All monitoring measurements show compliance with the Part 70 permit condition ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4.

 During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

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6. □Yes ⊠No	During the time period covered by this compliance certification, do you have any
	other information or data that indicates that you are not in compliance?

- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT

Memorandum

TÓ:

Karl Krause

DATE: May 23, 1996

FROM:

Terri Thomas

SUBJECT:

Rule 54.B.2 Compliance

Per your request, I ran some screening level dispersion modeling tests to determine equipment parameters that would comply with Rule 54.B.2. Rule 54.B.2 limits ground level property line SO₂ concentrations to 0.25 ppm_v for 1 hour and 0.04 ppm_v for 24 hours.

I assume that the most common SO₂ emission source is diesel combustion in IC engines. Therefore, that was the focus of my analysis.

To determine appropriate stack parameters, I reviewed 4 source test reports for diesel ICEs prepared for AB 2588. For screening purposes, the most conservative value was chosen from the test data for each stack parameter. The following summarizes stack data from these reports:

Parameter	# tests reporting parameter value	range of values	screening value
Stack velocity	3	1,812-11,343 ft/min	1,812 ft/min 9.2 m/s
Stack diameter	3	2-6 inches	2 inches 0.05 meters
Stack temperature	4	192-785°F	192°F 362 K
Stack height	0	NA	2 meters

 SO_2 emissions were based on 300 ppm_v in the stack, which is the limit in Rule 54.B.1.a. This limit cannot be exceed if the diesel fuel meets the 0.5% sulfur limit in Rule 64.B.2.

Other assumptions used in modeling were that the stack was vertical and has no raincap, and the property line was at least 100 meters from the stack.

Using the parameters and assumptions listed above, screening modeling showed that the limits in Rule 54.B.2 would not be exceeded.

Use of the minimum stack diameter, and thus, the minimum flow rate and emission rate is not the most conservative case. In order to determine the maximum emission rate that could be shown to meet the Rule under the conditions described above, modeling was performed by increasing the emissions and flow rate (to maintain the 300 ppm, SO₂ stack concentration), but increasing the stack diameter to maintain the minimum velocity. Modeling results are summarized below.

Emission rate (g/s)	Emission rate (lb/hr) and (lb/day)	1 hour max concentration (ppm _v) (limit=0.25)	24 hour max concentration (ppm _v) (limit=0.04)
0.0145	0.12 2.76	0.04	0.01
0.029	0.23 5.52	0.06	0.03
0.058	0.46 11.04	0.11	0.04
0.116	0,92 22.08	0.17	0.07
0.232	1.84 44.15	0.23	0.05

From the above, if SO₂ emissions do not exceed 1.84 lb/hr, the 1-hour limit of Rule 54.B.2 will be met. This is equivalent to burning 26 gailons of diesel at 0.5% sulfur per hour.

If SO_2 emissions do not exceed 11.04 lb/day, the 24-hour limit of Rule 54.B.2 will be met. This is equivalent to burning 155 gallons of diesel at 0.5% sulfur per day.

If the sulfur content of the fuel is lower than 0.5%, the allowable amount of fuel would, of course, be greater.

Let me know if the above information meets your needs. If so, another scenario that is probably common is a nonvertical stack (or stack with raincap). I can develop similar information for this case if you want.

Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 1 of 2

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.d. Rule 57.1	Particulate Matter Emissions from Fuel Burning Equipment

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Compliance as discussed	in VCAPCD analy	sis dated 12/3/97	(attached).	
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- 2. ☑Yes ☐No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT

Memorandum

TO:

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Interested Parties

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DATE: December 3, 1997

FROM:

John Harader

SUBJECT: Rule 57.B / AP-42 Emission Factor Comparison

Section B of District Rule 57, "Combustion Contaminants - Specific", limits the combustion contaminant emission concentration from any fuel burning equipment. Combustion contaminants are defined in District Rule 2 as particulate matter discharged into the atmosphere from the burning of any kind of material containing carbon in a free or combined state. The emission concentration limit is 0.1 grain per cubic foot of gas calculated to 12 percent of carbon dioxide at standard conditions (0.1 gr/sef @ 12% CO₂) This limit can be converted to a lb/MMBTU emission factor by the following equation from 40 CFR Part 60, Appendix A, Method 19:

Ε $= C F_c (100/\%CO_2)(lb/7000gr)$

Ε = lb/MMBTU emission factor

С = Pollutant concentration (lb/DSCF)

 p_c = CO₂ P-factor

= 1430 dscf CO2/MMBTU for liquid fuels

= 1040 dsof CO2/MMBTU for natural gas

The pollulant concentration, C, and the %CO2 values can be wet or dry as long as they are consistent. The %CO2 of 12 may be used in the equation if the pollutant concentration has been corrected to 12% CO2:

$$C_{(012\%CO2)} = C(12\%CO_2)$$

The Rule 57.B emission limit is a limit at 12% CO₃; therefore the emission rate equation can be written:

 $E = (0.1 \text{ gr/sef}) F_c (100/12)(lb/7000 \text{gr})$

For Natural Gas:

E = 0.12 lb PM/MMBTU

For Liquid Fuels:

E = 0.17 (b PM/MMBTU

Based on EPA AP-42 emission factors and source test date, all natural gas fired or fuel oil fired boilers, process heaters, and turbines; and natural gas fired or diesel fired engines

operate below this emission factor or emission limit. The particulate matter emission factors for these units are:

Natural Gas Fired Units	Rule 57.B Factor = 0.13 to PM / MMB [4]

Bailer > 100 MMBTU/Hr	3 lb/mmcf	0 00286 Ib / MMBTU
Boiler 10 - 100 MMBTU/Hr	13.7 lb/mmcf	0.0131 Ib/MMBjrU
Boiler < 10 MMBTU/Ur	12 lb/mmcf	0.0114 lb/MMBTU
Turbine		0.0419 lb/MMBjjU
Lean Burn Engine		0 046 Ib/MMBTU
Rich Burn Engine		0 0007 lb/MMBiTU

Fuel Oil or Diesel Fired Units Rule 57.B Factor = 0 17 lb PM / MMBTU

Fuel Oil Fired Boiler	2 (b / Mga)	0.014 lb / MMBTU
Fuel Oil Fired Turbine		0 061 Ib/ MMBTU
Diesel Engine > 600 HP		0.062 lb/ MMBTU

Compliance with the emission limit for diexel engines < 600 HP has been shown through the conducting of a source test on an engine within Ventura County. This source test was conducted for the purpose of generating an emission factor to be used for Air Toxic 'flot Spots' emission estimations. The measured particulate concentration for this engine was 0.1 gr/dscf at 12 percent CO₂. The engine source test was a Cummins NTA engine rated at 135 horsepower at 2100 rpm. The source test was conducted July 29, 1992.

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

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Citation, including Attachment Number and/or Permit Condition Number:	Description:
8.e. Rule 64.B.1	Sulfur Content of Fuels - Caseous Fuel Requirements

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

None for PUC-quality natural gas, propane, or butane.
Annual test using SCAQMD Method 307-94 if gas is other than PUC-quality propane or butane.

- 2. EYes DNo Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent;
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4.

 During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description;
8.c. Rule 64.B.2	Sulfur Content of Fuels - Liquid Fuel Requirements

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

No solid or liquid fuel was burned in stationary sources during the compliance period. Fuel supplier's certification or fuel test per each delivery.

- 2. ■Yes □No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.g. Rule 74.6 (2003)	Surface Cleaning and Degreasing

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Maintain current solvent information. Routine surveillance of solvent cleaning activities. Solvent testing upon request.

- 2.

 Yes DNo

 Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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- 6. Days No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.h. Rule 74.11.1	Large Water Heaters and Small Boilers

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Facility has not installed any water heater, boiler, steam generator or process heater with a rated heat input capacity greater than 75,000 BTU/hr and less than or equal to 2 MMBTU/hr since December 31, 1999.

- 2.

 MYes

 Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☑ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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- 6. DYes ZiNo During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
B.i. Rule 74.22	Natural Gas-Fired, Fan Type Central Furnaces

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

Please indicate the method(s) that you use for determining compliance. Indicate the frequency of
monitoring and indicate the source test reference method, if applicable.

Maintain furnace identification.
Rule only applies to future installation of natural gas-fired, fan-type furnaces.

- 2. XIYes INO Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes 図No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. DYes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification;

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.x. Rule 52	Rule 52 - Particulate Matter Concentration (Grain Loading

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Not required based or	n District EPA	emission	factor	analysis.	
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- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. DYes No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
8.x. Rule 68	Carbon monoxide emissions shall not exceed 2,000 ppmv.

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Not	required	based	оп	District	ера	emission	factor	analysis.		
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- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
9.a. Rule 74.1	Abrasive Blasting

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Routine surveillance and visual inspections. CD Lyon Construction, Inc. (PTO 07141) performs abrasive blasting and architectural coating at the Mill.

- 2.

 Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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- 6. Days Sino During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification;

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
9.b. Rule 74.2	Architectural Coatings

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

 Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Maintain VOC records applied by personnel. CD Lyon Construction, Inc. (PTO 07141) performs abrasive blasting and architectural coating at the Mill.

- 2. ■Yes □No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
9.c. 40CFR61.M	Asbestos NESHAPS

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

Follow inspection, record keeping, and notification procedures from 40CFR61.145.

- 2.

 Yes
 No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent;
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4.

 During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

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Citation, including Attachment Number and/or Permit Condition Number:	Description:
10.a. Part 70 General	Part 70 Permit General Conditions

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

Please indicate the method(s) that you use for determining compliance. Indicate the frequency of
monitoring and indicate the source test reference method, if applicable.

The facility operated in compliance with these requirements including: throughput and emissions limits; other requirements of the permit; notification requirements; permit modification and renewal requirements; and reporting requirements including this annual compliance certification.

- 2. Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

- 6. The Month of During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, including Attachment Number and/or Pennit Condition Number:	Description;
10.b. PO General	Permit to Operate General Conditions

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The facility operated in compliance with these requirements including the posting requirements

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. Design During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. □Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number;	Description:
10.c.1 SHIELD-D, Da, Db, Dc	Permit Shield for 40CFR Part 60,
	Subparts D, Da, Db, and Dc

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The facility did not modify or install equipment that would trigger these requirements. Therefore, this permit shield remains in effect.

- 2. ☑Yes ☐No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

- 6. ☐Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number: 10.c.2 SHIELD-40CFR72-78 Permit Shield for 40CFR Parts 72 - 78

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The facility supplied less than 219,000 MWe-hr/yr to any utility power distribution system. Therefore, this permit shield remains in effect.

- 2. ☑Yes ☐No Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - □ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 □ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐Yes ☒No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

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Citation, Including Attachment Number and/or Permit Condition Number:	Description:
11.a 40CFR68RMP-157	Accidental Release Prevention and Risk Management Plans

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The facility is exempt from federal regulations based on quantity of anhydrous ammonia onsite. The State plan was written and submitted to Oxnard CUPA in 12/2001 and updated in 12/2006.

- 2.

 Are you currently in compliance as indicated by the <u>most recent</u> monitoring measurement or observation as described above?
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. ☐Yes ☒No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring,"
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Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF46/07-21-03 Page 2 of 2

- 6. EYes ENo During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
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Time Period Covered by Compliance Certification:

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Applicable Requirement or Part 70 Permit Condition Attachment

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Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment Number and/or Permit Condition Number:	Description:
11.b. 40CFRB2	Protection of Stratospheric Ozone

Attach to this form any information specifically required to be submitted with the compliance certification in the applicable requirement or Part 70 permit condition.

1. Please indicate the method(s) that you use for determining compliance. Indicate the frequency of monitoring and indicate the source test reference method, if applicable.

The facility did not conduct activities subject to this regulation during compliance year.

- 2.

 May a Yes Into the Yes Int
- 3. Please indicate if compliance during the reporting period was continuous or intermittent:
 - ☑ Continuous All monitoring measurements show compliance with the Part 70 permit condition
 ☐ Intermittent One or more measurements indicate a failure to meet the Part 70 permit condition
- 4. □Yes ☑No During the time period covered by this compliance certification, does the monitoring data indicate any excursions, if applicable? An excursion is defined as "a departure from an indicator or surrogate parameter range established for monitoring under the applicable requirement or Part 70 permit condition, consistent with any averaging period specified for averaging the results of the monitoring."
- During the time period covered by this compliance certification, does the monitoring data indicate any exceedances, if applicable? An exceedance is defined as "a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring."

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Applicable Requirement or Part 70 Permit Condition Attachment

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- 6. ☐Yes ☑No During the time period covered by this compliance certification, do you have any other information or data that indicates that you are not in compliance?
- 7. If you answered "yes" to Question Nos. 4, 5, or 6 above, please identify all instances of excursions, exceedances, or other indications of non-compliance during the certification period. Attach all relevant information to this form. You may reference deviation reports, by date and subject, previously submitted to the District.
- 8. If this applicable requirement or Part 70 permit condition requires a source test to demonstrate compliance with a quantifiable emission rate, attach a summary of the most recent source test to this form; or complete and attach Form TVPF47, the quantifiable applicable requirement or Part 70 permit condition attachment.

Time Period Covered by Compliance Certification:

Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment
Form TVPF47/12-21-98

Emission Unit Description;	 		Pollutant:
Gas turbine based coge	neration unit		NOx
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation:	
11.1 ppm @ 15% 02	12 ppm 0 15% 02	AirX Testing, 2/10/2009 Test Date:	
		-	
Emission Unit Description:	<u> </u>	···	Pollutant:
Gas turbine based coge	meration unit		NH3
Mëasured Emission Rate;	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation:	
16.4 ppm @ 15% O2	20 ppm @ 15% O2	AirX Testing, 2/10/2009	
		Test Date:	
Emission Unit Description:			Pollutant;
Gas turbine based cogeneration unit			NOx
Measured Emission Rate;	Limited Emission Rate:	Specific Source Test of Monitoring Record Citation: CEMS calculation.	
36.6 tons per year	30 tons per year	RATA on 2/10/2009 by AirX Test:	ing
•		Test Date:	
Emission Unit Description:			Pollutant:
Gas turbine based cogeneration unit			CO
Measured Emission Rate: Specific Source Test or Monitoring Record Citation; CEMS calculation.		1	
37.B tons per year	50 tons per year	RATA on 2/10/2009 by AirX Testi	ng
<u>.</u>	<u> </u>	Test Date:	
Emission Unit Description:			Pollulant:
Nebraska boiler (stand-	by only, natural gas o	only}	NOx
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation:	<u>. </u>
52 ppm @ 3% G2		/1994	
	<u></u>	Test Date:	

Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF47/12-21-98

Emission unit Description;			Pollutant:
-			
Nebraska boiler (stand-by only, natural gas only)			NOx
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	<u>-</u> L
		Record Citation:	
not applicable	67 ppm 9 3% O2	n/a, not operated on fuel oil,	
		Test Date:	
Emission Unit Description:			Pollutant:
Maxon duct burner			NOK
		·	
Measured Emission Kate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation:	
0.41 tons per year	1.90 tons per year	West Coast Environmental, 8/17	/1995
		Test Date:	
Emission Unit Description:			Pollutant;
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation:	·
		Record Cuation:	
		Test Date:	
<u> </u>	<u>ll</u>	Test Date:	
Emission Unit Description:	.		Pollutant:
			t Ollumin.
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	<u> </u>
Proporte Difficulting	Elitated Elitagologi (Age),	Record Citation;	
		Test Date;	
<u> </u>		<u>.</u>	 -
Emission Guit Description:			Pollutant:
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	
		Record Citation:	
		Test Date:	