

EF Oxnard LLC 550 Diaz Avenue Oxnard, CA. 93030 Ph. (805)385-6375 Fax. (805) 486-6598

November 11, 2009

Mr. Lyle Olsen Ventura County Air Pollution Control District 669 County Square Drive Ventura, CA. 93003

RE: Title V Compliance Certification Permit form for E.F. Oxnard, Inc.

Dear Mr. Olsen,

Please find enclosed the Title V Compliance Certification forms for E.F. Oxnard, Inc. The pages of the submission are numbered sequentially from 1 to 95 for your convenience.

Please contact me if you have any questions at (805) 385-6375.

Sincerely,

Dave Sweigart General Manager

Enclosure



Ventura County Air Pollution Control District

Compliance Certification Permit Form Title V

EF Oxnard LLC Oxnard Energy Facility November 11, 2009

Cover Sheet

Form TVPF45/07-21-03 Page 1 of 2

Instructions

This compliance certification cover sheet signed by the responsible official, Form TVPF45, must be submitted annually, on the anniversary date of the Part 70 permit; or on a more frequent schedule, if required by an applicable requirement or permit condition. To complete the compliance certification, you will need to attach the following to this sheet:

1. A completed compliance certification permit form (Form TVPF46) for each applicable requirement or Part 70 permit condition. Be sure to attach to the form any information specifically required to be submitted with the compliance certification by the applicable requirement or Part 70 permit condition. On this form, indicate the method(s) for determining compliance; if you are currently in compliance, as determined by the most recent monitoring measurement or observation; and whether the method(s) used for determining compliance indicate continuous or intermittent compliance during the period of certification. Continuous compliance should be checked if the source is in compliance as determined by all monitoring measurements required by the permit during the certification period. Intermittent compliance should be checked if any of these monitoring measurements, or any other information or data, indicates a failure to meet a term or condition of the permit, including a failure to monitor, report or collect data as required by the permit. For example, if the permit requires an annual source test to demonstrate compliance and that annual source test indicates compliance, and no pre-test or other information indicated noncompliance during the period, compliance is considered to be continuous for the reporting period. If the answer to Question No. 4, 5 or 6 is "Yes" on compliance certification permit form TVPF46, compliance cannot be considered continuous without some further explanation or documentation.

In addition, for the time period covered by the certification, please identify any excursions or exceedances as indicated by the monitoring data. Also identify any information or data beyond the required monitoring that indicates that you are not in compliance. Note that you may cross reference any previous reports regarding compliance status that have previously been submitted to the District.

2. For each applicable requirement or Part 70 permit condition that requires compliance with a quantifiable emission rate, attach a completed quantifiable applicable requirement or Part 70 permit condition form (TVPF47) to Form TVPF46 for all emission units subject to the requirement or condition. On this form, please indicate the emission units subject to the requirement or condition; the pollutant regulated by the requirement or condition; the most recent measured emission rate, and the limited emission rate, both in units consistent with the requirement or condition; and a specific source test or monitoring record citation including the test date.

In lieu of filling out Forms TVPF46 and/or TVPF47, you may supply all of the necessary information required on the attached forms in your own format, and attach this information to Form TVPF45.

Cover Sheet

Form TVPF45/07-21-03 Page 2 of 2

A copy of each compliance certification shall be submitted to EPA Region IX at the following address:

Mr. Gerardo Rios, Chief Permits Office (AIR-3) Office of Air Division EPA Region IX 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: Da	ave Sweigart	Date: 11/11/09
Ti	tle: General Manager	•

Time Period Covered by Compliance Certification:

 $_{10}/_{01}/_{08}$ (MM/DD/YY) to $_{09}/_{30}/_{09}$ (MM/DD/YY)

Applicable Requirement or Part 70 Permit Condition Attachment

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

Applicable Requirement or Part 70 Permit Condition

Description: Emission limits for NOx, CO, and NH3
NOx - 23.94 Tons per year, 150 pounds per hour, 4.1ppm with no duct
burner, 4.6ppm with duct burner.
CO – 105.96 Tons per year, 48.48 pounds per hour
NH3 - 42.4 Tons per year, 13.13 pounds per hour

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 Source Test, CEMS for NOx, CO, O2 and control system operating parameters, maintenance log to verify CEMS accuracy, quarterly CEMS reports to District, SoCal Gas System for daily and historical fuel use. See TVPF47 for details on Annual Source Test results and test methods.

- 2. X Yes \(\subseteq No \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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. Please see attached sheets describing all breakdowns and exceedences.
- 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. Form TVPF47 is attached.

Time Period Covered by Compliance Certification:

10 / _01_ / _08 (MM/DD/YY) to _09_ / _30_ / _09_ (MM/DD/YY)

Title V Excess Emissions Summary October 1, 2008 to September 30, 2009

Exce	ss Emissions	I		
Date	Duration	Cause	Emissions Above Permit	Compliance Action
None				
Brea	kdowns			
Date	Duration	Cause	Emissions Above Permit	Compliance Action
3/28/09	0906-1125 2:19	CO&O2 Analyzer Calibration Fail	None R	lecalibrated Instruments
Notic	ce of Violatio	Ons Cause	Emissions Above Permit	Compliance Action
None				
VCA	PCD Letters	s/Notice to Comply		
Date		Cause	Emissions Above Permit	Compliance Action
None				

Title V Streamline Report

 3/28/2009. The daily automatic calibration of the O2 and CO analyzers failed at 0906. The instrument technician was called out investigate, troubleshoot and recalibrate the instruments. The final recalibration was initiated at 1125 and passed. A breakdown notification was made to the VCAPCD to inform the district of the event.

Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF47/12-21-98 REVISION 1 2/12/01

Limingian Unit Danamintian			
Emission Unit Description:		Test Method	Pollutant:
Gas Turbine Duct Burner		EPA Method 20	
Off		CARB Method 100	NOx
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	
3.6ppm @15% O2	4.1ppm @15% O2	Record Citation: SUMMARY OF	
		SOURCE TEST RESULTS	
		Test Date: 05/26/09	
Emission Unit Description:		Test Method	Pollutant:
		EPA Method 20	
Gas Turbine Duct Burner			CO
Off Measured Emission Rate:	Limited Emission Rate:	CARB Method 100	
13.18 #/HR		Specific Source Test or Monitoring Record Citation: SUMMARY OF	
13.16 #/110	48.48 #/HR	SOURCE TEST RESULTS	
		3001102 1251 1025215	
		Test Date: 05/26/09	
		Test Date. 03/20/07	
Emission Unit Description:		Tot Mathed	Pollutant:
-		Test Method	
Gas Turbine Duct Burner		BAAQMD	NH3
Off		Method ST-1B	NII3
Measured Emission Rate: 8.1 PPMV 15%O2	Limited Emission Rate:	Specific Source Test or Monitoring	
i	20 PPMVD @ 15% O2	Record Citation: Calculated Emission Results for 3 Test Runs.	
avg.		Results for 3 Test Runs.	
		T4 D-4-: 05/06/00	
L		Test Date: 05/26/09	
Emission Unit Description:			Pollutant:
Emission Clift Description.		Test Method	1 onutant.
Gas Turbine Duct Burner		EPA Method 20	
ON		CARB Method 100	NOx
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	
2.6 0150/ 02	4.6ppm @15% O2	Record Citation: SUMMARY OF	
3.6 ppm @15% O2		SOURCE TEST RESULTS	
		Test Date: 05/26/09	
Emission Unit Description:		Test Method	Pollutant:
Gas Turbine Duct Burner		EPA Method 20	
ON ON		CARB Method 100	co
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	L
	48.48 #/HR	Record Citation: SUMMARY OF	
19.67 #/HR	40.40 #/ FIK	SOURCE TEST RESULTS	
		Test Date: 05/26/09	
	L		

Quantifiable Applicable Requirement or Part 70 Permit Condition Attachment

Form TVPF47/12-21-98

Emission Unit Description:			Pollutant:
			Tondant.
Gas Turbine Duct Burner			NOx
Off	I I I I I I I I I I I I I I I I I I I	I. Caracita Caraca Tark an Manifestina	HOX
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring Record Citation: SUMMARY OF	
3.6ppm @15% O2	4.1ppm @15% O2	SOURCE TEST RESULTS	
		Test Date: 05/26/09	
		1 Cst Date: 03/20/03	
Emission Unit Description:			Pollutant:
_			
Gas Turbine Duct Burner			СО
Off Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	
13.18#/HR		Record Citation: SUMMARY OF	
10.10//12	48.48 #/HR	SOURCE TEST RESULTS	
		Test Date: 05/26/09	
		•	
Emission Unit Description:			Pollutant:
Gas Turbine Duct Burner			
Off			NH3
Measured Emission Rate:	Limited Emission Rate:	Specific Source Test or Monitoring	L
4.64 #/HR	13.13 #/HR	Record Citation: Calculated Emission	
		Results for 3 Test Runs.	
		Test Date: 05/26/09	

Emission Unit Description:			Pollutant:
-			
Gas Turbine Duct Burner ON			Pollutant:
Gas Turbine Duct Burner	Limited Emission Rate:	Specific Source Test or Monitoring	
Gas Turbine Duct Burner ON Measured Emission Rate:	Limited Emission Rate: 4.6ppm @15% O2	Record Citation: SUMMARY OF	
Gas Turbine Duct Burner ON		Record Citation: SUMMARY OF SOURCE TEST RESULTS	
Gas Turbine Duct Burner ON Measured Emission Rate:		Record Citation: SUMMARY OF	
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2		Record Citation: SUMMARY OF SOURCE TEST RESULTS	NOx
Gas Turbine Duct Burner ON Measured Emission Rate:		Record Citation: SUMMARY OF SOURCE TEST RESULTS	
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2		Record Citation: SUMMARY OF SOURCE TEST RESULTS	NOx Pollutant:
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2 Emission Unit Description:		Record Citation: SUMMARY OF SOURCE TEST RESULTS	NOx
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2 Emission Unit Description: Gas Turbine Duct Burner		Record Citation: SUMMARY OF SOURCE TEST RESULTS Test Date: 05/26/09 Specific Source Test or Monitoring	NOx Pollutant:
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2 Emission Unit Description: Gas Turbine Duct Burner ON Measured Emission Rate:	4.6ppm @15% O2	Record Citation: SUMMARY OF SOURCE TEST RESULTS Test Date: 05/26/09 Specific Source Test or Monitoring Record Citation: SUMMARY OF	NOx Pollutant:
Gas Turbine Duct Burner ON Measured Emission Rate: 3.6 ppm @15% O2 Emission Unit Description: Gas Turbine Duct Burner ON	4.6ppm @15% O2 Limited Emission Rate:	Record Citation: SUMMARY OF SOURCE TEST RESULTS Test Date: 05/26/09 Specific Source Test or Monitoring	NOx Pollutant:

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 Atta							
1	Number and/or Permit (Number:	Condition						
	Streamlined 214 - SOx							
Ĩ								
in t	the applicable requi	by information specifically required to be submitted with the compliance certification rement 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.							
	We only burn PUC quality natural gas and therefore do not have to do any monitoring or test result record keeping.							
2.	X 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 t	his compliance determination method is continuous or intermittent:						
	X Continuous − ☐ Intermittent −	All monitoring measurements show compliance with the Part 70 permit condition. One or more measurements indicate a failure to meet the Part 70 permit condition.						
4.	□Yes <u>X</u> 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.	□Yes <u>X</u> 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes \underline{X} 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

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

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment	Description:
Number and/or Permit Condition	General Record keeping for Fuel Limits
Number:	
PO0214PC1 Condition No. 1	

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.

Da	aily meter readings	s are incorporated into monthly production management records.
CI	EMS calculates rol	ling 12 month to date fuel use.
So	CalGas system co	ontains historical usage in daily or monthly formats and provides 12 month
his	storical usage on e	ach months bill.
		alent to 85% annual capacity factor; the facility historical average is 43%.
		e GT consumed 2274.0 MMSCF and the duct burner consumed 0.3 MMSCF.
2.	X 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 t	his compliance determination method is continuous or intermittent:
		All monitoring measurements show compliance with the Part 70 permit condition One or more measurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> 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.	□Yes <u>X</u> 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes \underline{X} 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:



EF Oxnard LLC 550 Diaz Avenue Oxnard, CA. 93030 Ph. (805)385-6375 Fax. (805) 486-6598

November 11, 2009

Mr. Lyle Olson Ventura County Air Pollution Control District 669 County Square Drive Ventura, CA 93003

RE; Semi-Annual Fuel Use Report

Dear Lyle:

This letter will constitute the semi-annual report submitted as required by the District.

- 1. The gas turbine is a General Electric LM5000, located at 550 Diaz Avenue, Oxnard, CA.
- 2. Fuel usage for the 12 months ending September 30, 2009 was 2,057,736.80 mmbtu. The turbine was in operation for 4965 hours for the 12 months ending September 30, 2009.
- 3. The annual air test was performed on May 26, 2009.

Please contact me if you have any questions.

Sincerely,

Dave Sweigart General Manager

DS*pa VCAPCD Olson 11-11-09

Meter Usage for All Sales/Trans for Sithe Energies, Inc. Obo E.F. Oxnard, LLC. 10/01/08 through 9/30/09

52 Customer	E. F. Oxnard (Sithe Er												
Memo2													
BTU_Value Memo1	Closed						Closed				Closed	Closed	
Ttl_Oth			270,481.60						152,087.70		145,397.20		2,057,736.80
듐													
Account	All Accounts	9 E11 All Accounts											
ပ္ပ	F1	E11	<u>1</u>	<u>F1</u>	E11	E1	<u>E1</u>	<u>F</u>	<u>11</u>	E11	E1	E11	
Month	0ct-0	Nov-0	Dec-0	Jan-0	Feb-0	Mar-0	Apr-0	May-0	0-unc	0-InC	Aug-0	Sep-0	
open_status	Close												

Start Me)nu	So	CalGas E	NVO	/ 30		07	7:27:20 AM PCT	Help Manage Profile
H	ome	*	Meter Usag	je Ledge	or s				
10/01/08	to 11/	30/08	3		1-2 of 2			Display / Sort By	Monthly-OCC / Date
Usage :	Summ	ary -	Total Usa	ge: 377	7,040.0	Page U	sage:	377,040.0	
Month	Date	осс	Account	Usage (Dth)	Total (Dth)	BTU Value	Status	i	Cust
Oct-2008		E11	All Accounts		136,057.0		Closed	Sithe Energies,Inc	. Obo E.F. Oxnard, Llc
Nov-2008		E11	All Accounts		240,983.0		Closed	Sithe Energies,Inc	. Obo E.F. Oxnard, Llc
10/01/08	to 11/	30/08	3		1-2 of 2			Display / Sort By	Monthly-OCC / Date

07:30:37 AM PCT SoCalGas ENVOY 3 | Help | Manage Profile Start Menu Home Meter Usage Ledger Display / Sort By Monthly-OCC / Date 12/01/08 to 02/28/09 1-3 of 3 Page Usage: 628,008.9 Usage Summary - Total Usage: 628,008.9 BTU Usage Total Value Status Cust Month Date OCC (Dth) (Dth) Account Dec-2008 Sithe Energies, Inc. Obo E.F. Oxnard, Llc E11 All Accounts 270,481.6 Closed Jan-2009 E11 All Accounts 128,146.7 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc Feb-2009 E11 All Accounts 229,380.6 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc

1-3 of 3

12/01/08 to 02/28/09

Display / Sort By Monthly-OCC / Date

Display / Sort By Monthly-OCC / Date

03/01/09 to 04/30/09

SoCalGas ENVOY ** 07:31:45 AM PCT | Help | Manage Profile Start Menu Meter Usage Ledger **Home** Display / Sort By Monthly-OCC / Date 03/01/09 to 04/30/09 1-2 of 2 Usage Summary - Total Usage: 328,736.4 Page Usage: 328,736.4 Usage Total BTU Month Date OCC Account (Dth) (Dth) Value Status Cust Mar-2009 E11 All Accounts 195,588.1 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc Sithe Energies, Inc. Obo E.F. Oxnard, Llc Apr-2009 All Accounts 133,148.3 Closed E11

1-2 of 2

Meter Usage Page 1 of 1

SoCalGas ENVOY ** 07:32:26 AM PCT | Help | Manage Profile Start Menu Meter Usage Ledger Home 05/01/09 to 06/30/09 1-2 of 2 Display / Sort By Monthly-OCC / Date Usage Summary - Total Usage: 273,888.9 Page Usage: 273,888.9 BTU **Usage Total** Month Date OCC Account (Dth) (Dth) Value Status Cust May-2009 121,801.2 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc E11 All Accounts Jun-2009 152,087.7 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc All Accounts Display / Sort By Monthly-OCC / Date 05/01/09 to 06/30/09 1-2 of 2

SoCalGas ENVOY 8 Start Menu

07:55:10 AM PCT | Help | Manage Profile

Home

Meter Usage Ledger

07/01/09 to 08/31/09

1-2 of 2

Display / Sort By Monthly-OCC / Date

Usage Summary - Total Usage: 304,544.3 Page Usage: 304,544.3

Month	Date	осс	Account	Usage (Dth)	Total (Dth)	BTU Value	Status	Cus	;1
Jul-2009		E11	All Accounts		159,147.1		Closed	Sithe Energies,Inc. Obo E.F. Oxnard, Llc	
Aug-2009		E11	All Accounts		145,397.2		Closed	Sithe Energies,Inc. Obo E.F. Oxnard, Llc	
07/01/09	to 08/	31/09	•		1-2 of 2			Display / Sort By Monthly-OCC / Date	

Meter Usage Page 1 of 1

SoCalGas ENVOY® 07:33:43 AM PCT | Help | Manage Profile Start Menu Meter Usage Ledger Home 09/01/09 to 09/30/09 1-1 of 1 Display / Sort By Monthly-OCC / Date Usage Summary - Total Usage: 145,518.3 Page Usage: 145,518.3 BTU Usage Total Date OCC Month Account (Dth) (Dth) Value Status Cust Sep-2009 E11 All Accounts 145,518.3 Closed Sithe Energies, Inc. Obo E.F. Oxnard, Llc 09/01/09 to 09/30/09 1-1 of 1 Display / Sort By Monthly-OCC / Date

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	Description:
Number and/or Permit Condition	Natural Gas Only for Gas Turbine and Duct Burner
Number:	
PO0214PC1	
Permit Condition No. 2	
1 chill condition 140. 2	i e

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.

<u></u>	T D	The second secon
G	as Turbine and D	uct Burner can only operate on Natural Gas, no other fuel is available.
2.	X 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	this compliance determination method is continuous or intermittent:
		- All monitoring measurements show compliance with the Part 70 permit condition - One or more measurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> 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.	□Yes <u>X</u> 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes \underline{X} 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

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

Applicable Requirement or Part 70 Permit Condition

l l	Citation, Including Att Number and/or Permit Number: PO0214PC1-	Condition	Description: Solvent Record keeping
I	Permit Condition No. 3	3	
		•	pecifically required to be submitted with the compliance certification 70 permit condition.
1.		` '	at you use for determining compliance. Indicate the frequency of e test reference method, if applicable.
			those are purchased in containers of 1 liter or less. Pursuant to cempt from this permit.
2.	X Yes □No	•	ently in compliance as indicated by the <u>most recent</u> monitoring or observation as described above?
3.	Please indicate if	this compliance	determination method is continuous or intermittent:
			measurements show compliance with the Part 70 permit condition neasurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> No	monitoring dat "a departure monitoring ur	me period covered by this compliance certification, does the a indicate any excursions, if applicable? An excursion is defined as from an indicator or surrogate parameter range established for der the applicable requirement or Part 70 permit condition, have averaging period specified for averaging the results of the
5.	□Yes <u>X</u> No	monitoring dat as "a condition emission limita greater than t applicable stan	me period covered by this compliance certification, does the a indicate any exceedances, if applicable? An exceedance is defined in that is detected by monitoring that provides data in terms of an ation or standard and that indicates that emissions (or opacity) are the applicable emission limitation or standard (or less than the dard in the case of percent reduction requirement) consistent with 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. \square Yes \underline{X} 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

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

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment	Description: Emissions from the Gas Turbine Based Cogeneration Unit
Number and/or Permit Condition	shall not exceed the following limits:
Number:	a. 190 pounds NOx per day
PO0214PC1	b. 23.94 tons NOx per year
Permit Condition No. 4	c. 105.96 tons CO per year
I	· · · · · · · · · · · · · · · · · · ·

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 records daily emissions of both CO and NOx. Daily or 12 month totals for NOx are compared to applicable limits for compliance. Monthly or rolling 12 month totals for CO are compared to applicable limits for compliance. CO rolling 12 month total is 33.75 tons. NOx rolling 12 month total is 16.49 tons.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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 X 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. __Yes X 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

EF OXNARD, INC.

Monthly Emissions Summary for September, 2009 Report Date, Time: 10/02/2009, 14:19

02 NOX 0 NOX		9	NOX W/O DI CO NOX ILB/DAY 1-10-10-10-10-10-10-10-10-10-10-10-10-10	JHR AVERAGE @15%OZ W/O DUCT BURNER W/DU/ 4.1 CK	G15802 W/DUCT B1	EMISSION IRNER	IMITS	AY TONS/YR	F	FUEL CONSUMPTION LIMITS 12 MONTH ROLLING MMSCF	ON LIMITS LLING							
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27

• EKGESS EMISSIONS ALARM
1 • INVALID DATA
2 • QUESTIONABLE DATA

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 Att Number and/or Permit Number: Rule 50		Description: Opacity
	tach to this form as the applicable requ	•	ecifically required to be submitted with the compliance certification 0 permit condition.
1.		• • •	t you use for determining compliance. Indicate the frequency of test reference method, if applicable.
	nnual survey to ve ease find survey a	•	re no visible stack emissions greater than zero percent.
2.	X Yes □No	•	ntly in compliance as indicated by the <u>most recent</u> monitoring observation as described above?
3.	Please indicate if	this compliance d	etermination method is continuous or intermittent:
			neasurements show compliance with the Part 70 permit condition easurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> No	monitoring data "a departure fi monitoring und	ne period covered by this compliance certification, does the indicate any excursions, if applicable? An excursion is defined as from an indicator or surrogate parameter range established for der the applicable requirement or Part 70 permit condition any averaging period specified for averaging the results of the
5.	□Yes <u>X</u> No	monitoring data as "a condition emission limitat greater than thapplicable stand	ne period covered by this compliance certification, does the indicate any exceedances, if applicable? An exceedance is defined that is detected by monitoring that provides data in terms of an ion or standard and that indicates that emissions (or opacity) are applicable emission limitation or standard (or less than the lard in the case of percent reduction requirement) consistent with eriod 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. \square Yes \underline{X} 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:

Title V Part 70 Permit

Annual Stack Emission Survey

Rule 50

Date: Aug 26, 2009

On the above date, I observed the stack for EF Oxnard, LLC to verify that there were no visible emissions. The gas turbine was at full power at the time of the operations.

Signed

David Sweigart General Manager

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: Rule 52	Description: 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.

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.

None required based on District EPA emission factor analys	sis.

- 2. X Yes \(\subseteq \) No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes \underline{X} 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

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

Applicable Requirement or Part 70 Permit Condition

N N	Citation, Including Atta Number and/or Permit Number: Rule 54.B.1		Description: Sulfur Compounds in excess of 300 ppm
			pecifically required to be submitted with the compliance certification 70 permit condition.
1.			at you use for determining compliance. Indicate the frequency of e test reference method, if applicable.
Co	ompliance attained	l through use o	f only PUC quality natural gas.
2.	XYes □No		ently in compliance as indicated by the most recent monitoring or observation as described above?
3.	Please indicate if	this compliance	determination method is continuous or intermittent:
	X Continuous − Intermittent −	All monitoring One or more m	measurements show compliance with the Part 70 permit condition neasurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> No	monitoring dat "a departure monitoring ur	me period covered by this compliance certification, does the a indicate any excursions, if applicable? An excursion is defined as from an indicator or surrogate parameter range established for der the applicable requirement or Part 70 permit condition, have averaging period specified for averaging the results of the
5.	□Yes <u>X</u> No	monitoring dat as "a condition emission limita greater than to applicable star	ime period covered by this compliance certification, does the caindicate any exceedances, if applicable? An exceedance is defined in that is detected by monitoring that provides data in terms of an ation or standard and that indicates that emissions (or opacity) are the applicable emission limitation or standard (or less than the adard in the case of percent reduction requirement) consistent with 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. \square Yes \underline{X} 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

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

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment	Description:
Number and/or Permit Condition	Sulfur content of Fuel used
Number:	
Rule 54.B.2	

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.

Gas Turbine system only uses PUC quality natural gas.

Liquid fuel for emergency fire pump uses low sulfur content fuel. Please find attached MSDS from fuel supplier and copy of most recent invoice indicating CARB#2 fuel.

- 2. X Yes \(\subseteq No \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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. Days X 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)

Version 4.

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

Uses

Fuel for on-road diesel-powered engines.

Company

Shell Oil Products US

P. O. Box 4453

Houston, TX 77210-4453

United States

MSDS Request

877-276-7285

Emergency Telephone Number

Spill Information

877-242-7400

Health Information

877-504-9351

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name

CAS No.

Concentration

Fuels, diesel, no.2

68476-34-6

100.00 %

Dyes and markers can be used to indicate tax status and prevent fraud.

Contains/may contain full range straight run middle distillate.

Contains/may contain light catalytic cracked distillate.

Contains/may contain hydrotreated middle distillate.

3. HAZARDS IDENTIFICATION

Appearance and Odour	Emergency Overview : Clear, bright liquid. Hydrocarbon.
Health Hazards	 Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.
Safety Hazards	 Combustible liquid. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire.
Environmental Hazards	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Health Hazards

Inhalation

: Slightly irritating to respiratory system. Breathing of high vapour

concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache

and nausea.

Skin Contact

May cause moderate irritation to skin. Repeated exposure may

cause skin dryness or cracking.

Eye Contact Ingestion

May cause slight irritation to eyes.

Other Information Signs and Symptoms Harmful: may cause lung damage if swallowed.

Limited evidence of carcinogenic effect.

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of

1/10

Print Date 06/26/2007

MSDS US

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

MSDS# 401398EU Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

Material Safety Data Sheet

respiratory symptoms may be delayed for several hours after

exposure.

Defatting dermatitis signs and symptoms may include a burning

sensation and/or a dried/cracked appearance.

Skin irritation signs and symptoms may include a burning

sensation, redness, swelling, and/or blisters.

Aggravated Medical

Condition

Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this

material: Skin.

Environmental Hazards

Toxic to aquatic organisms, may cause long-term adverse

effects in the aquatic environment.

Additional Information

This product is intended for use in closed systems only.

4. FIRST AID MEASURES

Inhalation

Remove to fresh air. If rapid recovery does not occur, transport

to nearest medical facility for additional treatment.

Skin Contact

Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical

facility for additional treatment.

Eye Contact

Flush eye with copious quantities of water. If persistent

irritation occurs, obtain medical attention.

Ingestion

If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 101° F (37° C), shortness of breath, chest

congestion or continued coughing or wheezing.

Advice to Physician

Treat symptomatically. Potential for chemical pneumonitis. Consider: gastric lavage with protected airway, administration of activated charcoal. Administration of carbon for medicinal use (carbo medicinalis) may reduce absorption from the

digestive tract.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Flash point

> 52 °C / 126 °F

Explosion / Flammability

0.5 - 4.4 %(V)

limits in air

260 °C / 500 °F

Auto ignition temperature

Specific Hazards

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Oxides of sulphur. Unidentified organic and inorganic compounds. Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Flammable vapours may be present

even at temperatures below the flash point.

2/10

MSDS US

Material Safety Data Sheet

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Extinguishing Media

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing

Media

Do not use water in a jet.

Protective Equipment for

Firefighters

Wear full protective clothing and self-contained breathing

apparatus.

Additional Advice Keep adjacent containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe all relevant local and international regulations. Evacuate the area of all nonessential personnel. Ventilate contaminated area thoroughly.

Protective measures

: Do not breathe fumes, vapour. Do not operate electrical equipment. Shut off leaks, if possible without personal risks. Remove all possible sources of ignition in the surrounding area. Use appropriate containment (of product and fire fighting water) to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and

grounding (earthing) all equipment.

Clean Up Methods

For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove

contaminated soil and dispose of safely.

For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Shovel into a suitable clearly marked container for disposal or reclamation in

accordance with local regulations.

Additional Advice

Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. Local authorities should be advised if significant spillages cannot be contained. Maritime spillages should be dealt with using a Shipboard Oil Pollution Emergency Plan (SOPEP), as required by MARPOL Annex 1 Regulation 26. U.S. regulations may require reporting releases of this material to the environment which exceed the reportable quantity (refer to Chapter 15) to the National Response Centre at (800) 424-8802. Under Section 311 of the Clean Water Act (CWA) this material is considered an oil. As such, spills into surface waters must be reported to the National Response Centre at (800) 424-8802. This material is

covered by EPA's Comprehensive Environmental Response,

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR

Material Safety Data Sheet

Compensation and Liability Act (CERCLA) Petroleum Exclusion. Therefore, releases to the environment may not be reportable under CERCLA.

7. HANDLING AND STORAGE

General Precautions

: Avoid breathing vapours or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material. Air-dry contaminated clothing in a well-ventilated area before laundering. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Prevent spillages. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Never siphon by mouth. Contaminated leather articles including shoes cannot be decontaminated and should be destroyed to prevent reuse. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier.

Handling

Avoid inhaling vapour and/or mists. Avoid prolonged or repeated contact with skin. When using do not eat or drink. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks, Earth all equipment. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Not expected to be a health hazard when used under normal conditions.

Storage

Drum and small container storage: Drums should be stacked to a maximum of 3 high. Use properly labelled and closeable containers. Tank storage: Tanks must be specifically designed for use with this product. Bulk storage tanks should be diked (bunded). Locate tanks away from heat and other sources of ignition. Must be stored in a diked (bunded) well-ventilated area, away from sunlight, ignition sources and other sources of heat. Vapours from tanks should not be released to atmosphere. Breathing losses during storage should be controlled by a suitable vapour treatment system. The vapour is heavier than air. Beware of accumulation in pits and confined spaces.

Product Transfer

Avoid splash filling. Wait 2 minutes after tank filling (for tanks such as those on road tanker vehicles) before opening hatches or manholes. Wait 30 minutes after tank filling (for large storage tanks) before opening hatches or manholes. Keep containers closed when not in use. Do not use compressed air for filling, discharging or handling. Contamination resulting from product transfer may give rise to light hydrocarbon vapour in the headspace of tanks that have previously contained gasoline. This vapour may explode if there is a source of ignition. Partly filled containers present a greater hazard than those that are full, therefore handling, transfer and sampling

Material Safety Data Sheet

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

activities need special care.

Container Advice

Containers, even those that have been emptied, can contain explosive vapours. Do not cut, drill, grind, weld or perform

similar operations on or near containers.

Additional Information

Ensure that all local regulations regarding handling and storage

facilities are followed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Material	Source	Туре	ppm	mg/m3	Notation
Fuels,	ACGIH	TWA(Vapor		100 mg/m3	as total hydrocarbons
diesel, no.2		and aerosol.)			·
Fuels,	ACGIH	SKIN_DES(V			Can be absorbed through
diesel, no.2		apor and			the skin.as total
		aerosol.)			hydrocarbons

Additional Information

: In the absence of a national exposure limit, the American Conference of Governmental Industrial Hygienists (ACGIH) recommends the following values for Diesel Fuel: TWA - 100 mg/m3 Critical effects based on Skin and Irritation. Skin notation means that significant exposure can also occur

by absorption of liquid through the skin and of vapour through the eyes or mucous membranes. Shell has adopted as Interim Standards the OSHA Z1A values that were established in 1989

and later rescinded.

Exposure Controls

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls

based on a risk assessment of local circumstances.

Appropriate measures include: Use sealed systems as far as

possible. Adequate ventilation to control airborne

concentrations below the exposure guidelines/limits. Local exhaust ventilation is recommended. Eye washes and showers

for emergency use.

Personal Protective

Equipment

Respiratory Protection

Personal protective equipment (PPE) should meet

recommended national standards. Check with PPE suppliers. If engineering controls do not maintain airborne concentrations

to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are unsuitable (e.g., airborne concentrations are

high, risk of oxygen deficiency, confined space) use

appropriate positive pressure breathing apparatus. Where airfiltering respirators are suitable, select an appropriate combination of mask and filter. All respiratory protection equipment and use must be in accordance with local

regulations.

Respirator selection, use and maintenance should be in

5/10

MSDS US

Version 4.

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR

accordance with the requirements of the OSHA Respiratory

Protection Standard, 29 CFR 1910.134.

Hand Protection Personal hygiene is a key element of effective hand care.

> Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove

suppliers. Contaminated gloves should be replaced. **Eye Protection** Chemical splash goggles (chemical monogoggles).

Protective Clothing

Chemical resistant gloves/gauntlets, boots, and apron (where

risk of splashing).

9. PHYSICAL AND CHEMICAL PROPERTIES

Material Safety Data Sheet

Appearance Clear, bright liquid. Odour Hydrocarbon.

Flash point > 52 °C / 126 °F

Explosion / Flammability 0.5 - 4.4 %(V) limits in air

Auto-ignition temperature : 260 °C / 500 °F

Specific gravity 0.85

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions of use.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources. Materials to Avoid Strong oxidising agents.

Hazardous Decomposition Hazardous decomposition products are not expected to form

Products during normal storage.

> Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or

thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Basis for Assessment Information given is based on product data, a knowledge of the

components and the toxicology of similar products.

Low toxicity: LD50 >2000 mg/kg, Rat **Acute Oral Toxicity**

Aspiration into the lungs when swallowed or vomited may

cause chemical pneumonitis which can be fatal.

Low toxicity: LD50 >2000 mg/kg , Rabbit **Acute Dermal Toxicity Acute Inhalation Toxicity**

Low toxicity: LC50 >20 mg/l / 1.00 h, Rat High concentrations may cause central nervous system

depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or

death.

Skin Irritation May cause moderate skin irritation (but insufficient to classify).

Prolonged/repeated contact may cause defatting of the skin

6/10

Print Date 06/26/2007

MSDS US

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

MSDS# 401398EU Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

which can lead to dermatitis.

Eye Irritation

Slightly irritating. Slightly irritating.

Respiratory Irritation Sensitisation

Not a skin sensitiser.

Repeated Dose Toxicity

Kidney: caused kidney effects in male rats which are not

considered relevant to humans

Mutagenicity Carcinogenicity Mutagenic; positive in in-vivo and in-vitro assays.

Limited evidence of carcinogenic effect.

Repeated skin contact has resulted in irritation and skin cancer

in animals.

Material	:	Carcinogenicity Classification
Fuels, diesel, no.2	:	ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans.
Distillates (petroleum), light catalytic cracked	:	IARC 2A: Probable carcinogen.

Reproductive and Developmental Toxicity Not expected to be a developmental toxicant.

12. ECOLOGICAL INFORMATION

Information given is based on a knowledge of the components and the ecotoxicology of similar products. Fuels are typically made from blending several refinery streams. Ecotoxicological studies have been carried out on a variety of hydrocarbon blends and streams but not those containing additives.

Acute Toxicity

: Toxic: LL/EL/IL50 1-10 mg/l (to aquatic organisms) (LL/EL50 expressed as the nominal amount of product required to

prepare aqueous test extract).

Mobility

Floats on water. Partly evaporates from water or soil surfaces, but a significant proportion will remain after one day. Large

volumes may penetrate soil and could contaminate

groundwater. Contains volatile constituents.

Persistence/degradability

Major constituents are inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in

air.

Bioaccumulation
Other Adverse Effects

Contains constituents with the potential to bioaccumulate. Films formed on water may affect oxygen transfer and damage

ilms formed on water may affect o

organisms.

13. DISPOSAL CONSIDERATIONS

Material Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Do not dispose of tank water bottoms by allowing them to drain into the ground. This will result in soil and groundwater contamination. Waste arising

7/10

Print Date 06/26/2007 MSDS_US

Material Safety Data Sheet

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

from a spillage or tank cleaning should be disposed of in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.

Container Disposal

Send to drum recoverer or metal reclaimer. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld uncleaned drums. Do not pollute the soil, water or environment with the waste container. Comply with any local recovery or

waste disposal regulations.

Local Legislation

Disposal should be in accordance with applicable regional. national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and

must be complied with.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)

Identification number

NA 1993 Diesel Fuel

Proper shipping name

Combustible liquid

Class / Division Packing group

Emergency Response Guide

128

Additional Information

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also

be subject to this rule.

IMDG

Identification number

UN 1202

Proper shipping name

DIESEL FUEL

Class / Division

Packing group

111

Marine pollutant:

No

IATA (Country variations may apply)

Identification number

UN 1202

Proper shipping name

Diesel fuel 3

Class / Division Packing group

III

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

8/10

Print Date 06/26/2007

MSDS_US

Version 4.

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR

Material Safety Data Sheet

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed ()

Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore releases to the environment are not reportable under CERCLA.

Under Section 311 of the Clean Water Act (CWA) this material is considered an oil. As such, spills into surface waters must be reported to the National Response Centre at (800) 424-8802.

SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Delayed (Chronic) Health Hazard. Fire Hazard.

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Pennsylvannia Right-To-Know Chemical List

Fuels, diesel, no.2 (68476-34-6) 100.00%

Listed.

16. OTHER INFORMATION

Additional Information This document contains important information to ensure the

> safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety

matters.

NFPA Rating (Health, Fire, Reactivity)

: 2, 2, 0

MSDS Version Number

: 4.

MSDS Effective Date

: 06/16/2007

MSDS Revisions

A vertical bar (|) in the left margin indicates an amendment

from the previous version.

MSDS Regulation

The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

MSDS Distribution

The information in this document should be made available to

all who may handle the product.

Disclaimer

The information contained herein is based on our current

knowledge of the underlying data and is intended to describe

9/10

Print Date 06/26/2007

MSDS_US

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

MSDS# 401398EU

Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

10/10

General Petroleum Corporation

REMIT TO: P.O. Box 31001-1235

Pasadena, CA 91110-1235

Customer Service: (800) 659-5823 Fax: (310) 356-2624

Credit Inquiries: (310) 356-2400

INVOICE # INVOICE DATE CUSTOMER P.O. # ACCOUNT # SALESMAN VIA DEL. TICKET # FROM 02/17/09 1908799 60-0605795 4201771 600 DEMP TW123

BILLING ADDRESS:

E.F. OXNARD, LLC. ATTN: ACCOUNTS PAYABLE

550 DIAZ AVE

SHIPPED TO: E.F. OXNARD

550 DIAZ AVE

OXNARD

CA 93030 OXNARD **COUNTRY CODE:** CA 93030

TERMS:

NET DUE 20 DAYS

REMIT TO: GENERAL PETROLEUM CORPORATION

	REHIT TO. GENERAL	FEIROLEON	CORPORALI	.ON	
	QUANTITY PAC PRODUCT CODE/WHSE/DESC DELIVERED DES	KAGE CRIPT		PRICE	
	407B001 WHSE:600 70.00 BUL CARB ULTRA L.S. DYED DIESEL DIESEL FUEL, 3.NA1993, PGILL, 2004 EMERGENCY RESPONSE GUIDE 12 CARB ULTRA L.S. DYED DIESEL	K GALS	70.00	1.79400	125.58
:	DYED DIESEL FUEL, NON TAXABLE US LUST TAX FED OIL SPILL FEE CALIF OIL SPILL SURCHARGE	E ONLY,		.00190	.07
				1.79809	125.86
]	FUEL SURCHARGE	alian en la companya de la companya		1	.00
	REGULATORY COMPLIANCE FEE	Charge To: P.O. #	Dyane	ANTONIO MARININA PROPERTINA	. 00 a sign
	DECEIVED DECEIVED DECEIVED	Acct. \$34007	Amt. 259.99	Verified	
	128 2 0 2003 128 2 0 2003 128 2 2 2003			Approved	

SALES TAX:

9.13

23385

PAY THIS AMOUNT

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 Atta Number and/or Permit Number: Rule 57.B		Description: Combustion Contaminants – Specific – Fuel Burning Equipment
			pecifically required to be submitted with the compliance certification 70 permit condition.
1.			at you use for determining compliance. Indicate the frequency of e test reference method, if applicable.
N	ot required based t	upon District A	nalysis
2.	X Yes □ No	•	ently in compliance as indicated by the most recent monitoring robservation as described above?
3.	Please indicate if t	his compliance of	determination method is continuous or intermittent:
			measurements show compliance with the Part 70 permit condition easurements indicate a failure to meet the Part 70 permit condition
4.	□Yes <u>X</u> No	monitoring data "a departure f monitoring un	me period covered by this compliance certification, does the a indicate any excursions, if applicable? An excursion is defined as from an indicator or surrogate parameter range established for der the applicable requirement or Part 70 permit condition, any averaging period specified for averaging the results of the
5.	□Yes <u>X</u> No	monitoring data as "a condition emission limital greater than that applicable standard	me period covered by this compliance certification, does the a indicate any exceedances, if applicable? An exceedance is defined a that is detected by monitoring that provides data in terms of an tion or standard and that indicates that emissions (or opacity) are the applicable emission limitation or standard (or less than the dard in the case of percent reduction requirement) consistent with 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. \square Yes \underline{X} 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:

10/_01_/_08 (MM/DD/YY) to _09_/_30_/_09 (MM/DD/YY)

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	Description:
Number: Rule 64.B.1	Sulfur Content of Fuels – Gaseous 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.

Only PUC quality natural gas is combusted in the Gas Turbine, therefore no monitoring is required.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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. The Month of 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10 / 01 / 08 (MM/DD/YY) to 09 / 30 / 09 (MM/DD/YY)

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: rule 64.B.2	Description: Sulfur Content of Fuels – Solid or 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.

Liquid fuel is combusted only in the emergency diesel powered fire pump Please see TVPF46 for Rule 54.B.2 for MSDS from fuel supplier and copy of most recent invoice indicating CARB#2 fuel.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the \(\text{most} \) recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes \underline{X} 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. Please see TVPF46 for Rule 54.B.2 for MSDS from fuel supplier and copy of most recent invoice indicating CARB#2 fuel.

Time Period Covered by Compliance Certification:

10 / 01 / 08 (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)

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	Description:
Number: Rule 68	Carbon Monoxide Emissions less than 2,000 ppm by volume.

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 monitoring is required based upon District EPA emission factor analysis.

- 2. X Yes \(\sigma\) No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)

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	Description:
Number:	Abrasive Blasting
Rule 74.1	Adiasive diasting
1440 / 1.1	

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.

Sandblasting has only been performed once in the facility's history.

Should sandblasting be necessary we will perform routine surveillance and visual inspections during abrasive blasting operations. We will also keep records from the contractor indicating the type of abrasive used.

- 2. X Yes \(\subseteq \) No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)

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	Description:
Number and/or Permit Condition	
Number:	Architectural Coatings
Rule 74.2	
Rule /4.2	

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.

Routine surveillance of application processes.
Purchase of compliant coating products
Maintain VOC records of coatings used.

- 2. X Yes \(\subseteq \text{No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09 / 30 / 09 (MM/DD/YY)

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	Description:
Number and/or Permit Condition	Cutback Asphalt – Road Oils
Number:	Shall contain no more than 0.5% of organic compounds which boil at less
Rule 74.4.D	than 500F as determined by ASTM D402.

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.

Request and retain certification from paving vendor whenever paving or patching work is performed on our 1.6 acre parcel. On September 28, 2009 asphalt repair work adjacent to the south gate entrance was performed. Approximately 13.53 tons (186.7ft3) of 3/8" asphalt was used. MSDS is attached.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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. Days X 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)



MATERIAL SAFETY DATA SHEET

Effective Date: 07/01/2006 Replaces: 09/10/2002

Asphaltic Concrete

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION Product Name: Formula: Asphaltic Concrete Mixture Synonyms/Common Names: Blacktop, Hot Mix (all types; may contain RAP), Hot-Mix Paving Material, Petroleum-derived Asphalt Concrete

Manufacturer/Contact Info:

CalMat Co., d.b.a. Vulcan Materials Company,

Western Division

Safety and Health Department 3200 San Fernando Road

Los Angeles, California 90065-1415

General Phone Number:

213-258-2777 (8-5,PST, M-F)

Emergency Phone Number:

800.451.8346 (3E Company, 24 hours/day, 7 days/week)

Hazardous Components	CAS No.	0/1 11/1
Aggregate (crushed stone, sand, gravel)*	OAU NO.	% by Weight
*Composition varies naturally-typically contains quartz (crystalline silica)	Mixture	>90
-5 -5 producy contains quartz (crystalline sulca)	14808-60-7	>1
Asphalt .		
May contain:	8052-42-4	<10
Vacuum tower bottoms		
Heavy naph. petroleum distillates	64741-56-6	>0.1
Aromatic extract oil	64741-53-3	>0.1
Hydrogen sulfide	64742-11-6	>0.1
Crumb rubber	7783-06-4	<0.2
	Mixture	>0.1
dditives		- · · ·
·	Mixture	<1

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING

Do not let hot material contact skin or eyes. Contact with hot asphalt can cause severe burns to eyes and skin. Fumes, mists or vapors may cause eye, skin or respiratory irritation. Contains or may release hydrogen sulfide gas (H_2S), which may accumulate in confined spaces. H_2S fumes and vapors may be harmful or fatal if inhaled. Avoid inhalation of dust generated from mechanical handling of hardened/dried material. Breathing silicacontaining dust for prolonged periods in the workplace can cause lung damage and lung disease called silicosis. Several scientific organizations have classified crystalline silica as causing lung cancer in humans. Silicosis and lung cancer can result in permanent injury or death.

POTENTIAL HEALTH EFFECTS

Note: The major hazard associated with asphalt mixes is their ability, when heated, to cause severe thermal burns. Avoid contact with eyes and skin. If the dried product is subjected to mechanical forces (such as demolition or asphalt recycling work), crystalline silica-containing dust particles can be generated. See Section 11 for additional information.

Primary Routes of Exposure:

Eyes, skin, inhalation.

Direct contact with hot material can cause severe thermal burns. May scratch the eye causing tearing, redness and a stinging sensation. Fumes, vapors Skin Contact:

Direct contact with hot material can cause severe thermal burns. There may be an increased sensitivity to the sun (photosensitization) when the skin is exposed to petroleum asphalt emissions (furnes, vapors or mists). May scratch the skin causing irritation. See Section 11 for additional information.

Repeated or prolonged exposure may result in absorption of component petroleum distillates. See Section 11 for additional information.

POTENTIAL HEALTH EFFECTS

Inhalation:

Emissions from the heated material may have an unpleasant odor and may cause moderate to severe irritation of the mucous membranes and upper respiratory tract, headaches, nausea and dizziness. Toxic hydrogen sulfide gas may be released. Do not depend upon sense of smell for warning of overexposure, since the gas causes rapid olfactory fatigue which deadens the sense of smell at levels as low as 50 ppm. Unconsciousness and asphyxiation may occur in poorly ventilated or confined spaces. See Section 11 for additional information.

Ingestion:

Direct contact with heated material can cause severe thermal burns. Asphalt has a low toxicity when ingested, however, chewing and swallowing asphalt may cause gastrointestinal effects. Gastric masses (Bezoars) and stomach (pyloric) obstructions have been reported in individuals who have chewed and swallowed asphalt. Aspiration of product into lungs may occur when vomiting, and may result in pulmonary edema and/or chemical pneumonia.

Effects Following Prolonged or Repeated Exposure:

Prolonged and repeated exposure may cause skin disorders and/or effects on the lung. See Section 11 for additional information.

Carcinogenicity

The following components of this product have been listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA): crystalline silica-quartz, some petroleum asphalts and heavy naphthenic distillates/aromatic extract oils. See Section 11 for additional information.

Signs and Symptoms of Exposure:

Repeated or prolonged exposure may cause skin disorders such as dermatitis (reddening, itching, cracking, inflammation), folliculitis, acne-like lesions, bronchitis, pneumonitis (inflammation of the lungs), reduced appetite, abnormal fatigue.

Medical Conditions Aggravated by Exposure:

Pre-existing medical conditions that may be aggravated by exposure include disorders of the eye, skin and/or lung (including asthma and/or other breathing disorders).

SECTION 4. FIRST AID MEASURES

Eves

Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). Contact a physician if irritation persists or later develops. Thermal burns require immediate medical attention.

Skin:

Hot Material: Remove contaminated clothing, if possible, and immediately flush skin in cool water for at least 15 minutes. Iced water or cold packs may be applied to burned area. Do not attempt to remove material from a burn. Get immediate medical attention. Cold Material: Clean exposed skin with soap or mild detergent and large amounts of water until all material is removed from the skin. Do not use solvents or thinners to remove material from skin.

Inhalation:

Remove person to fresh air. If lung irritation persists or later develops, contact a physician. If not breathing, initiate rescue breathing, give oxygen by trained personnel and get immediate medical attention. Do not attempt to rescue victim from confined spaces without adequate protective equipment.

Ingestion

If swallowed, do not induce vomiting. Drink a large volume of water and get immediate medical attention. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration.

Notes to Physician

In general, emesis induction is unnecessary in high viscosity, low volatility products. Inhalation exposure of hydrogen sulfide may result in pulmonary congestion. Patients may be predisposed to pneumonia during convalescence, and should be kept under observation. Contact a Poison Center for additional treatment information.

For emergencies, contact 3E Company at 1-800-451-8346 (24 hours/day, 7 days/week)

SECTION 5. FIREFIGHTING MEASURES.

Flash Point (Method Used): Product: >500°F (min). COC

Flammable Limits:

LEL: Not applicable

UEL: Not applicable

Autoignition Temperature:

Not available

xtinguishing Media:

Agents approved for Class B hazards (e.g., dry chemical, carbon dioxide, halogenated agents, foam, and steam) and water fog. Avoid use of straight-tream water. Use water spray to keep fire-exposed containers cool. Adding water to hot asphalt presents an explosion hazard.

pecial Firefighting Procedures:

woid breathing irritating and potentially toxic fumes, including hydrogen sulfide gas. Firefighters should wear NIOSH/MSHA approved positive ressure breathing apparatus (SCBA) with full face mask and full protective equipment.

Unusual Fire and Explosion Hazards:

Do not heat above flash point. Fumes/vapors can explode when concentrated in an enclosed environment and supplied with an ignition source. Never weld or use a cutting torch or open flame on a full, partially full or empty bin, hopper, or other container that holds or has held asphaltic material unless precautions are taken to prevent explosion. Adding water to hot asphalt presents an explosion hazard.

WARNING: Hydrogen sulfide (H₂S) and other hazardous gases/vapors may evolve and collect in the headspace of storage tanks or other enclosed vessels, and can create an explosive, toxic, or oxygen deficient atmosphere. H₂S gas is extremely flammable and can explode if an ignition source is provided. See Sections 3 and 11 for health effects of H₂S gas.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Precautions if Material is Spilled or Released:

Ventilate area and avoid emission inhalation or skin contact by using appropriate precautions outlined in this MSDS (see Section 8). Keep all sources of ignition at least 50 feet away. Prevent materials from entering streams, drainages, or sewers. Spills entering surface waters or sewers entering/leading to surface waters must be reported to the National Response Center 1-800-424-8802. Based on volume and use, components of this product may be subject to reporting requirements of Title III of SARA, 1986, and 40 CFR 372.

For emergencies, contact 3E Company at 1-800-451-8346 (24 hours/day, 7 days/week).

Waste Disposal Methods:

Contact the asphalt plant to determine feasibility of recycling material. Dispose of waste materials in accordance with applicable federal, state and local laws and regulations.

Environmental Precautions:

Stop leak and contain spilled material with sand, aggregate fines, or other inert adsorbent. Collect adsorbed product and clean up materials in appropriate container for proper disposal. Notify proper authorities.

SECTION 7. HANDLING AND STORAGE

Storage:

Store away from all ignition sources and open flames in accordance with applicable laws and regulations.

Vapors containing hydrogen sulfide may accumulate during storage or transport of asphaltic materials. When petroleum asphalt products are heated, potentially irritating emissions (fumes, mists, vapors) may be released.

Handling:

Follow personal protection and protective controls set forth in Section 8 of this MSDS when handling this product. If personnel must enter a tank or other confined space that contained this material, follow the OSHA Confined Space Entry Program as specified in 29 CFR 1910.146. Do not store near food, beverages or smoking materials. Avoid personal contact with heated material. Respirable crystalline silica-containing dust may be generated when hardened asphalt concrete is subjected to mechanical forces, such as demolition work, surface treatment (sanding, grooving, chiseling, etc.), and/or recycling of pavement.

Do not attempt to clean empty containers since residue is difficult to remove. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition as they may explode and cause injury or death.

Tripping accidents have occurred because of asphalt buildup on bottoms of shoes and boots; buildup should be removed regularly to prevent such accidents. Do not use solvents or thinners to clean footwear.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Legend:

NE = Not Established; PEL = Permissible Exposure Limit; TLV = Threshold Limit Value; REL = Recommended Exposure Limit; OSHA = Occupational Safety and Health Administration; MSHA = Mine Safety and Health Administration; NIOSH = National Institute for Occupational Safety and Health; ACGIH = American Conference of Governmental Industrial Hygienists

Component .	OSHA/MSHA PEL	ACGIH TLV	NIOSH REL
Asphalt Fumes	NE .	0.5 mg/m³ (as benzene-soluble aerosol)	REL-Ceiling 5 ppm
Other Particulates	15 mg/m³ (total dust) 5 mg/m³ (respirable fraction)	NE .	NE
Respirable dust containing silica	10 mg/m³ ÷ (% silica + 2)	Use Respirable Silica TLV	Use Respirable Silica TLV
Total dust containing silica	OSHA: 30 mg/m³ ÷ (% silica + 2) MSHA: 30 mg/m³ ÷ (% silica + 3)	NE	NE
Respirable Crystalline Silica (quartz)	NE - Use respirable dust containing silica PEL	0.025 mg/m³	0.05 mg/m³
Respirable Tridymite and Cristobalite (other forms of crystalline silica)	1/2 of OSHA and MSHA respirable dust containing silica PEL	0.025 mg/m³	0.05 mg/m³

Legend:

NE = Not Established; PEL = Permissible Exposure Limit; TLV = Threshold Limit Value; REL = Recommended Exposure Limit; OSHA = Occupational Safety and Health Administration; MSHA = Mine Safety and Health Administration; NIOSH = National Institute for Occupational Safety and Health; ACGIH = American Conference of Governmental Industrial Hygienists

Component	OSHA/MSHA PEL	ACGIH TLV	NIOSH REL
Ammonia (NH ₃)	PEL 50 ppm	TLV 25 ppm TLV-STEL 35 ppm	REL 25 ppm REL-Ceiling 35 ppm
Carbon Monoxide (CO)	PEL 50 ppm	25 ppm	REL-35 ppm REL-Ceiling 200 ppm
Hydrogen Sulfide (H₂S)	PEL-Ceiling 20 ppm	TLV 10 ppm TLV-STEL 15 ppm	REL-Ceiling 10 ppm
Nitrogen Dioxide (NO ₂)	PEL-Ceiling 5 ppm	TLV 3 ppm TLV-STEL 5 ppm	REL-STEL 1 ppm
Ozone (O ₃)	PEL 0.1 ppm	0.05 ppm	REL-Ceiling 0.1 ppm
Sulfur Dioxide (SO ₂)	PEL 5 ppm	TLV 2 ppm TLV-STEL 5 ppm	REL 2 ppm REL-STEL 5 ppm

Eve Protection

Use a full-face shield and chemical safety goggles if handling heated material. Safety glasses with side shields should be worn as minimum protection at ambient temperatures. Contact lens should not be worn when eye contact with product is possible.

Skin Protection (Protective Gloves/Clothing):

Avoid skin contact with material by wearing impervious gloves and protective clothing. With product at ambient temperatures, use disposable nitrile, neoprene or butyl rubber material. When handling hot material, use heat-resistant gloves. Use insulated, heat-resistant clothing as necessary.

Respiratory Protection:

Not expected to be necessary under normal use and working conditions. All respirators must be NIOSH-approved for the exposure levels present. (See NIOSH Respirator Selection Guide). The need for respiratory protection should be evaluated by a qualified safety and health professional. For air-contaminant concentrations which exceed or are likely to exceed applicable exposure limits, use a NIOSH-approved, contaminant-specific, air-purifying respirator. If such conditions are sufficiently high that the air-purifying respirator is inadequate, or if oxygen adequate to sustain life is not present, use a positive-pressure, self-contained breathing apparatus. Activities that generate dust require the use of an appropriate dust respirator where dust levels exceed or are likely to exceed allowable exposure limits. For respirable silica levels that exceed or are likely to exceed an 8-hour Time Weighted Average (TWA) of 0.5 mg/m₃, a high-efficiency particulate filter respirator must be worn at a minimum; however, if respirable silica levels exceed or are likely to exceed an 8-hour TWA of 5.0 mg/m₃, a positive-pressure, full-face respirator or equivalent is required. Respirator use must comply with applicable MSHA (42 CFR 84) or OSHA (29 CFR 1910.134) standards, which include provisions for a user training program, respirator inspection, repair and cleaning, respirator fit testing, medical surveillance and other requirements.

Engineering Controls:

General dilution or local exhaust ventilation as required to maintain exposures below appropriate exposure limits. Use only in well-ventilated areas. Activities with dried/hardened product that generate dust require the use of general ventilation, local exhaust and/or wet suppression methods to maintain exposures below appropriate exposure limits.

Other:

Workers should station themselves on the upwind side of asphalt emissions when possible. It is recommended that asphalt emissions be monitored regularly to determine exposure levels. Respirable dust and quartz levels should be monitored regularly to determine worker exposure levels. Exposure levels in excess of appropriate exposure limits must be reduced by all feasible engineering controls, including (but not limited to), ventilation, process enclosure, and/or enclosed employee workstations.

Wash hands before eating, drinking, smoking, and/or using toilet facilities. A clean water supply for emergency first aid and washing facilities should be readily available. Do not use solvents or thinners to remove material from skin. Laundering clothing between uses is recommended.

SECTION 9. PHYSICAL AND CHE	MICAL PROPERTIES	
Boiling Point: 470°C	рН: Not applicable	Specific Gravity ($H_2O = 1$): 2.0 - 2.5
Evaporation Rate (Butyl Acetate = 1): Not available	Melting Point: 100-135°F	Vapor Pressure (mm Hg.): Not available
Solubility in Water: Negligible	Vapor Density (Air = 1): >1	. % Volatile:

Appearance and Odor:

Black, viscous, granular. Petroleum odor.

SECTION 10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Keep away from direct flame/ignition sources. Contact with incompatible materials should be avoided (see below). See Sections 5, 6 and 7 f additional information.

Incompatibility (Materials to Avoid):

Strong oxidizers may react with hydrocarbons. Contact with fluorine may cause burning or explosion. Adding water to hot asphalt presents a explosion hazard.

Hazardous Decomposition or Byproducts:

Carbon monoxide and other compounds (such as amines, ammonia, nitrogen dioxide, sulfur dioxide, ozone, hydrogen sulfide, and various hydrocarbons) may be released by thermal decomposition. Hazardous vapors can collect in enclosed vessels or areas if not properly ventilated. hydrogen sulfide is present, the flammable limits range from 4.3 to 45.5% by volume and its presence may promote the formation of pyrophor (spontaneously igniting) iron compounds (See 29 CFR 1910.146). Silica-containing respirable dust particles can be generated. When heated, quar is slowly transformed into tridymite (above 860°C/1580°F) and cristobalite (above 1470°C/2678°F). Both tridymite and cristobalite are other form of crystalline silica and are considered more fibrogenic to the lungs than quartz.

Hazardous Polymerization:

Not known to occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Effects:

Asphalt has oral LD50 (rats) >5g/kg.

Petroleum-derived asphalt products should not be confused with "tar" products, which are produced from the destructive distillation of coal. The hydrocarbons in petroleum asphalt are a complex mixture of paraffinic, naphthenic, and aromatic hydrocarbons, including polycyclic aromatic compounds.

Contains or may release hydrogen sulfide (H₂S) gas. Exposure to H₂S concentrations above the permissible exposure limit causes irritation of th mucous membranes, headache, dizziness, vomiting, coughing, nasal discharge and pulmonary edema. At levels between 500 and 700 ppm respiratory paralysis, loss of consciousness and possibly death can occur within 30 to 60 minutes. Exposure to higher concentrations can result is immediate death. Repeated exposure to low levels may also cause eye effects including conjunctivitis and comeal injury. There is no evidence tha H₂S will accumulate in the body tissue after repeated overexposure.

Effects Following Prolonged or Repeated Exposure:

Prolonged and repeated exposure to asphalt may cause skin disorders such as dermatitis, folliculitis, and acne-like lesions, or more rarely pigmentation of the skin. Chronic inhalation of high concentrations of asphalt emissions may cause chronic bronchitis and pneumonitis (inflammation of the lungs). In mice, there was damage to the lungs, including bronchitis, pneumonitis, and abscess formation. Guinea pigs and rate showed pneumonitis, peribronchial adenomatosis, and some squamous cell metaplasia.

This material contains heavy vacuum distillates/aromatic extract oils. Repeated dermal application of these oils to experimental animals has been reported to cause skin disorders, effects on the liver, thymus and blood forming organs, as well as fetal death and birth defects.

Repeated exposure to low levels of H₂S may cause eye effects including conjunctivitis and corneal injury. There is no evidence that H₂S will accumulate in the body tissue.

The following information applies to the dried product if it is subjected to mechanical forces (such as demolition or asphalt recycling work), which may generate crystalline silica-containing dust particles:

Prolonged overexposure to respirable dusts in excess of appropriate exposure limits can cause inflammation of the lung leading to possible fibrotic changes, a medical condition known as pneumoconiosis.

Prolonged and repeated inhalation of respirable crystalline silica-containing dust in excess of allowable exposure limits may cause a chronic form of silicosis, an incurable lung disease that may result in permanent lung damage or death. Chronic silicosis generally occurs after 10 years or more of overexposure; a more accelerated type of silicosis may occur between 5 and 10 years of higher levels of exposure. In early stages of silicosis, not all individuals will exhibit symptoms (signs) of the disease. However, silicosis can be progressive, and symptoms can appear at any time, even years after exposure has ceased. Symptoms of silicosis may include, but are not limited to, the following: shortness of breath; difficulty breathing with or without exertion; coughing; diminished work capacity; diminished chest expansion; reduction of lung volume; right heart enlargement and/or failure. Persons with silicosis have an increased risk of pulmonary tuberculosis infection.

Repeated overexposures to very high levels of respirable crystalline silica (quartz, cristobalite, tridymite) for periods as short as six months may cause acute silicosis. Acute silicosis is a rapidly progressive, incurable lung disease that is typically fatal. Symptoms include, but are not limited to, shortness of breath, cough, fever, weight loss, and chest pain.

Respirable dust containing newly broken silica particles has been shown to be more hazardous to animals in laboratory tests than respirable dust containing older silica particles of similar size. Respirable silica particles which had aged for sixty days or more showed less lung injury in animals than equal exposures of respirable dust containing newly broken particles of silica.

There are reports in the literature suggesting that excessive crystalline silica exposure may be associated with autoimmune disorders and other adverse health effects involving the kidney. In particular, the incidence of scleroderma (thickening of the skin caused by swelling and thickening of fibrous tissue) appears to be higher in silicotic individuals. To date, the evidence does not conclusively determine a causal relationship between silica exposure and these adverse health effects.

Carcinogenicity:

Skin application of asphalt fume condensate fractions caused skin tumors in laboratory mice. When asphalt was dissolved or mixed with a solvent prior to exposing laboratory animals, the carcinogenicity results were weakly positive. The causal agent is thought to be 4 to 6 ring polycyclic aromatic compounds (PAH). Trace amounts of these materials may be present in asphalts and can be generated upon excessive heating. Some PAHs have been identified as causing carcinogenic and reproductive effects. Currently, epidemiological evidence does not support a link between asphalt exposure and human skin cancer.

Repeated breathing of asphalt emissions has not resulted in a carcinogenic response in laboratory animal testing. Although epidemiological studies on asphalt workers have suggested a possible link between asphalt fumes and certain types of cancer, confounding factors such as smoking and concomitant exposure to other agents in the workplace may have influenced the results of these studies. Asphalt is not listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). In 1985, the International Agency for Research on Cancer (IARC) determined that there is inadequate evidence that asphalt alone is carcinogenic to humans. However, IARC states that there is sufficient evidence that extracts (asphalts dissolved in hydrocarbon solvents) are carcinogenic to laboratory animals. Although epidemiological studies on some petroleum products containing polycyclic aromatics suggest the possibility of skin cancer induction in humans, a link between petroleum asphalt exposure and human skin cancer has not been established.

This material contains heavy vacuum distillates/aromatic extract oils. IARC has determined that there is sufficient evidence in experimental animals for their carcinogenicity, and has classified these oils as Group 1, or human carcinogens.

The following information applies to the dried product if it is subjected to mechanical forces (such as demolition or asphalt recycling work), which may generate crystalline silica-containing dust particles:

Epidemiology studies on the association between crystalline silica exposure and lung cancer have had both positive and negative results. There is some speculation that the source and type of crystalline silica may play a role. Studies of persons with silicosis indicate an increased risk of developing lung cancer, a risk that increases with the level and duration of exposure. It is not clear whether or not lung cancer develops in non-silicotic patients. Several studies of silicotics do not account for lung cancer confounders, especially smoking, which have been shown to increase the risk of developing lung disorders, including emphysema and lung cancer.

In October 1996, an IARC Working Group designated respirable crystalline silica as carcinogenic (Group 1). The NTP's Report on Carcinogens, 9th edition, lists respirable crystalline silica as a "known human carcinogen." In the year 2000, the American Conference of Governmental Industrial Hygienists (ACGIH) listed respirable crystalline silica (quartz) as a suspected human carcinogen (A-2). These classifications are based on sufficient evidence of carcinogenicity in certain experimental animals and on selected epidemiological studies of workers exposed to crystalline silica.

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Ecotoxicological Data:

No specific data on this product. The asphalt component may cause damage to aquatic organisms.

Environmental Fate Data:

Significant migration into the environment and bioaccumulation are unlikely. Expected to be resistant to biodegradation.

Other:

No specific data on this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Place contaminated materials in appropriate containers and dispose of in a manner consistent with applicable federal, state, and local regulations. Prevent from entering drainage, sewer systems, and unintended bodies of water. It is the responsibility of the user to determine, at the time of disposal, whether product meets criteria for hazardous waste. Product uses, transformations, mixture and processes, may render the resulting material hazardous.

SECTION 14. TRANSPORT INFORMATION [Note: Not intended to be all-inclusive.] DOT Proper Shipping Name: Not regulated. DOT Hazard Classification: Not applicable. UN/NA Number: DOT Packing Group: Not regulated. Not applicable.

Labeling Requirements:

If the shipping temperature of a solid equals or exceeds 464°F, DOT regulation classifies the solid as an "Elevated Temperature Material", and a "HOT" label is required. Label as required by the OSHA Hazard Communication standard [29 CFR 1910.1200(f)], and applicable state and local regulations.

SECTION 15. REGULATORY INFORMATION [Note: Not intended to be all-inclusive.]

Toxic Substances Control Act (TSCA):

The components in this product are listed on the TSCA Inventory or are exempt.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Releases of this material to water may be reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act. It is recommended that you contact state and local authorities to determine if there are any local reporting requirements in the event of a spill.

Superfund Amendments and Reauthorization Act of 1986 (SARA), Title III:

Section 302 extremely hazardous substances:

None

Section 311/312 hazard categories:

Immediate Health

Delayed Health

Section 313 reportable ingredients at or above de minimus concentrations:

None

California Proposition 65:

WARNING: THIS PRODUCT CONTAINS CHEMICALS (CRYSTALLINE SILICA, BITUMENS, VARIOUS AROMATIC HYDROCARBONS) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

State Regulatory Lists:

The following materials/components are specifically listed by individual states. For details on regulatory requirements, you should contact the appropriate agency in your state:

Chemical Name

State

Crystalline silica (quartz)

CA; FL; MA; MN; NJ; PA

Asphalt

FL; MA; MN; PA

Untreated/mildly treated mineral oils

CA; MA; MN; PA

SECTION 16. OTHER INFORMATION

Disclaimer of Liability

Vulcan Materials Company believes the information contained herein is accurate, however, Vulcan Materials Company makes no guarantees with respect to such accuracy and assumes no liability in connection with the use of the information contained herein by any party. The provision of the information contained herein is not intended to be and should not be construed as legal advice or as ensuring compliance with and federal, state, or local laws and regulations. Any party using this product should review all such laws, rules or regulations prior to use.

NO WARRANTY IS MADE, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE.

Applicable Requirement or Part 70 Permit Condition Attachment

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

Applicable Requirement or Part 70 Permit Condition

ĺ	Citation, Including Attachment	Description:	1
١	Number and/or Permit Condition		١
	Number:	Surface Cleaning and Degreasing	ı
١	Rule 74.6		
١			1

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.

All solvents used are aerosol solvents in less than 1-liter containers and therefore are exempt from Rule 74.6.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10/_01_/_08_ (MM/DD/YY) to _09_/_30_/_09_ (MM/DD/YY)

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	Description:
Number and/or Permit Condition	Emergency Standby Fire Pump Engine, used for fire suppression
Number:	Annual testing hours and fuel type records.
74.9N7	
Rule 74.9.D.3	

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 Emergency Standby Engine, 121 BHP Caterpillar Diesel Fired, used for emergency fire suppression was tested weekly for 20 minutes per test run. The annual engine testing hours are 15.0 hours. Rule allows 50 hours per year testing. Liquid fuel for emergency fire pump uses low sulfur content fuel. The MSDS and the most recent invoice indicating CARB#2 fuel are attached.

- 2. X Yes \(\subseteq \text{No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU

Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Material Safety Data Sheet

1. MATERIAL AND COMPANY IDENTIFICATION

Material Name

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

Uses

Fuel for on-road diesel-powered engines.

Company

Shell Oil Products US

P. O. Box 4453

Houston, TX 77210-4453

United States

MSDS Request

: 877-276-7285

Emergency Telephone Number

Spill Information

: 877-242-7400

Health Information

: 877-504-9351

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name

CAS No.

Concentration

Fuels, diesel, no.2

68476-34-6

100.00 %

Dyes and markers can be used to indicate tax status and prevent fraud.

Contains/may contain full range straight run middle distillate.

Contains/may contain light catalytic cracked distillate.

Contains/may contain hydrotreated middle distillate.

3. HAZARDS IDENTIFICATION

-	Appearance and Odour	:	Emergency Overview Clear, bright liquid. Hydrocarbon.	

Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

Safety Hazards Combustible liquid. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire.

Environmental Hazards Toxic to aquatic organisms, may cause long-term adverse

effects in the aquatic environment.

Health Hazards

Health Hazards

Inhalation : Slightly irritating to respiratory system. Breathing of high vapour

concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache

and nausea.

Skin Contact : May cause moderate irritation to skin. Repeated exposure may

cause skin dryness or cracking. May cause slight irritation to eyes.

Ingestion Other Information

Eve Contact

Harmful: may cause lung damage if swallowed.

Limited evidence of carcinogenic effect.

Signs and Symptoms

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever. The onset of

1/10

Print Date 06/26/2007

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

respiratory symptoms may be delayed for several hours after

exposure.

Defatting dermatitis signs and symptoms may include a burning

sensation and/or a dried/cracked appearance.

Skin irritation signs and symptoms may include a burning

sensation, redness, swelling, and/or blisters.

Aggravated Medical

Condition

Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this

material: Skin.

Environmental Hazards

Toxic to aquatic organisms, may cause long-term adverse

effects in the aquatic environment.

Additional Information

This product is intended for use in closed systems only.

4. FIRST AID MEASURES

Inhalation : Remove to fresh air. If rapid recovery does not occur, transport

to nearest medical facility for additional treatment.

Skin Contact : Remove contaminated clothing. Immediately flush skin with

large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical

facility for additional treatment.

Eye Contact : Flush eye with copious quantities of water. If persistent

irritation occurs, obtain medical attention.

Ingestion : If swallowed, do not induce vomiting: transport to nearest

medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever

greater than 101° F (37° C), shortness of breath, chest

congestion or continued coughing or wheezing.

Advice to Physician : Treat symptomatically. Potential for chemical pneumonitis.

Consider: gastric lavage with protected airway, administration of activated charcoal. Administration of carbon for medicinal use (carbo medicinalis) may reduce absorption from the

digestive tract.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

Flash point

> 52 °C / 126 °F 0.5 - 4.4 %(V)

Explosion / Flammability

limits in air

200 00 1 500 00

Auto ignition temperature

Specific Hazards

260 °C / 500 °F

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Oxides of sulphur. Unidentified organic and inorganic compounds. Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Flammable vapours may be present

even at temperatures below the flash point.

2/10

Print Date 06/26/2007 MSDS_US

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU

Version 4.

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Extinguishing Media

Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing

Material Safety Data Sheet

Media

Do not use water in a jet.

Protective Equipment for

Firefighters

Wear full protective clothing and self-contained breathing

apparatus.

Additional Advice

Keep adjacent containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe all relevant local and international regulations. Evacuate the area of all nonessential personnel. Ventilate contaminated area thoroughly.

Protective measures

Do not breathe fumes, vapour. Do not operate electrical equipment. Shut off leaks, if possible without personal risks. Remove all possible sources of ignition in the surrounding area. Use appropriate containment (of product and fire fighting water) to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand. earth, or other appropriate barriers. Attempt to disperse the vapour or to direct its flow to a safe location for example by using fog sprays. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and

grounding (earthing) all equipment

Clean Up Methods

For small liquid spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove

contaminated soil and dispose of safely.

For large liquid spills (> 1 drum), transfer by mechanical means such as vacuum truck to a salvage tank for recovery or safe disposal. Do not flush away residues with water. Retain as contaminated waste. Allow residues to evaporate or soak up with an appropriate absorbent material and dispose of safely. Remove contaminated soil and dispose of safely. Shovel into a suitable clearly marked container for disposal or redamation in accordance with local regulations.

Additional Advice

Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. Local authorities should be advised if significant spillages cannot be contained. Maritime spillages should be dealt with using a Shipboard Oil Pollution Emergency Plan (SOPEP), as required by MARPOL Annex 1 Regulation 26. U.S. regulations may require reporting releases of this material to the environment which exceed the reportable quantity (refer to Chapter 15) to the National Response Centre at (800) 424-8802. Under Section 311 of the Clean Water Act (CWA) this material is considered an oil. As such, spills into surface waters must be reported to the

National Response Centre at (800) 424-8802. This material is covered by EPA's Comprehensive Environmental Response,

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

Compensation and Liability Act (CERCLA) Petroleum Exclusion. Therefore, releases to the environment may not be reportable under CERCLA.

7. HANDLING AND STORAGE

Material Safety Data Sheet

General Precautions

: Avoid breathing vapours or contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material. Air-dry contaminated clothing in a well-ventilated area before laundering. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Prevent spillages. Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Never siphon by mouth. Contaminated leather articles including shoes cannot be decontaminated and should be destroyed to prevent reuse. For comprehensive advice on handling, product transfer, storage and tank cleaning refer to the product supplier.

Handling

Avoid inhaling vapour and/or mists. Avoid prolonged or repeated contact with skin. When using do not eat or drink. Extinguish any naked flames. Do not smoke. Remove ignition sources. Avoid sparks. Earth all equipment. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Not expected to be a health hazard when used under normal conditions.

Storage

Drum and small container storage: Drums should be stacked to a maximum of 3 high. Use properly labelled and closeable containers. Tank storage: Tanks must be specifically designed for use with this product. Bulk storage tanks should be diked (bunded). Locate tanks away from heat and other sources of ignition. Must be stored in a diked (bunded) well-ventilated area, away from sunlight, ignition sources and other sources of heat. Vapours from tanks should not be released to atmosphere. Breathing losses during storage should be controlled by a suitable vapour treatment system. The vapour is heavier than air. Beware of accumulation in pits and confined spaces.

Product Transfer

Avoid splash filling. Wait 2 minutes after tank filling (for tanks such as those on road tanker vehicles) before opening hatches or manholes. Wait 30 minutes after tank filling (for large storage tanks) before opening hatches or manholes. Keep containers closed when not in use. Do not use compressed air for filling, discharging or handling. Contamination resulting from product transfer may give rise to light hydrocarbon vapour in the headspace of tanks that have previously contained gasoline. This vapour may explode if there is a source of ignition. Partly filled containers present a greater hazard than those that are full, therefore handling, transfer and sampling

4/10

Print Date 06/26/2007

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed

MSDS# 401398EU

Version 4. Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

activities need special care.

Container Advice

Containers, even those that have been emptied, can contain

explosive vapours. Do not cut, drill, grind, weld or perform similar operations on or near containers.

Additional Information

Ensure that all local regulations regarding handling and storage

facilities are followed.

8. EXPOSURE CONTROLS/PERSONAL-PROTECTION

Occupational Exposure Limits

Material	Source	Туре	ppm	mg/m3	Notation
Fuels,	ACGIH	TWA(Vapor		100 mg/m3	as total hydrocarbons
diesel, no.2		and aerosol.)			
Fuels,	ACGIH	SKIN_DES(V			Can be absorbed through
diesel, no.2		apor and	l		the skin.as total
		aerosol.)			hydrocarbons

Additional Information

In the absence of a national exposure limit, the American Conference of Governmental Industrial Hygienists (ACGIH) recommends the following values for Diesel Fuel: TWA - 100

mg/m3 Critical effects based on Skin and Irritation.

Skin notation means that significant exposure can also occur by absorption of liquid through the skin and of vapour through the eyes or mucous membranes. Shell has adopted as Interim Standards the OSHA Z1A values that were established in 1989

and later rescinded.

Exposure Controls

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls

based on a risk assessment of local circumstances.

Appropriate measures include: Use sealed systems as far as possible. Adequate ventilation to control airborne concentrations below the exposure guidelines/limits. Local

exhaust ventilation is recommended. Eye washes and showers

for emergency use.

Personal Protective Equipment

Respiratory Protection

Personal protective equipment (PPE) should meet

recommended national standards. Check with PPE suppliers. If engineering controls do not maintain airborne concentrations

to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation. Check with respiratory protective equipment suppliers. Where air-filtering respirators are unsuitable (e.g., airborne concentrations are

high, risk of oxygen deficiency, confined space) use

appropriate positive pressure breathing apparatus. Where airfiltering respirators are suitable, select an appropriate

combination of mask and filter. All respiratory protection equipment and use must be in accordance with local

regulations.

Respirator selection, use and maintenance should be in

5/10

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Material Safety Data Sheet

accordance with the requirements of the OSHA Respiratory

Protection Standard, 29 CFR 1910.134.

Hand Protection : Personal hygiene is a key element of effective hand care.

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced.

Eye Protection

Chemical splash goggles (chemical monogoggles).

Protective Clothing

Chemical resistant gloves/gauntlets, boots, and apron (where

risk of splashing).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: Clear, bright liquid.

Odour Flash point : **Hydrocarbon**. : > 52 °C / 126 °F

Explosion / Flammability

: 0.5 - 4.4 %(V)

limits in air

Auto-ignition temperature

: 260 °C / 500 °F

Specific gravity

0.85

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions of use.

Conditions to Avoid Materials to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Strong oxidising agents.

Hazardous Decomposition Products

Hazardous decomposition products are not expected to form

during normal storage.

Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or

thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Basis for Assessment

Information given is based on product data, a knowledge of the

components and the toxicology of similar products.

Acute Oral Toxicity

Low toxicity: LD50 >2000 mg/kg, Rat

Aspiration into the lungs when swallowed or vomited may

cause chemical pneumonitis which can be fatal.

Acute Dermal Toxicity
Acute Inhalation Toxicity

Low toxicity: LD50 >2000 mg/kg, Rabbit Low toxicity: LC50 >20 mg/l / 1,00 h, Rat

High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or

death.

Skin Irritation

: May cause moderate skin irritation (but insufficient to classify).

Prolonged/repeated contact may cause defatting of the skin

6/10

Print Date 06/26/2007

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU

Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

which can lead to dermatitis.

Eye Irritation Respiratory Irritation

Slightly irritating. Slightly irritating.

Sensitisation

Not a skin sensitiser.

Repeated Dose Toxicity

Kidney: caused kidney effects in male rats which are not

considered relevant to humans

Mutagenicity Carcinogenicity Mutagenic; positive in in-vivo and in-vitro assays.

Limited evidence of carcinogenic effect.

Repeated skin contact has resulted in irritation and skin cancer

in animals.

Material	:	Carcinogenicity Classification
Fuels, diesel, no.2	:	ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans.
Distillates (petroleum), light catalytic cracked	:	IARC 2A: Probable carcinogen.

Reproductive and **Developmental Toxicity** Not expected to be a developmental toxicant.

12. ECOLOGICAL INFORMATION

Information given is based on a knowledge of the components and the ecotoxicology of similar products. Fuels are typically made from blending several refinery streams. Ecotoxicological studies have been carried out on a variety of hydrocarbon blends and streams but not those containing additives.

Acute Toxicity

Toxic: LL/EL/IL50 1-10 mg/l (to aquatic organisms) (LL/EL50

expressed as the nominal amount of product required to

prepare aqueous test extract).

Mobility

Floats on water. Partly evaporates from water or soil surfaces,

but a significant proportion will remain after one day. Large

volumes may penetrate soil and could contaminate

groundwater. Contains volatile constituents.

Persistence/degradability

Major constituents are inherently biodegradable. The volatile constituents will oxidize rapidly by photochemical reactions in

air.

Bioaccumulation

Other Adverse Effects

Contains constituents with the potential to bioaccumulate.

Films formed on water may affect oxygen transfer and damage

organisms.

13. DISPOSAL CONSIDERATIONS

Material Disposal

Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Do not dispose of tank water bottoms by allowing them to drain into the ground. This will result in soil and groundwater contamination. Waste arising

7/10

Print Date 06/26/2007 MSDS US

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU Version 4

Material Safety Data Sheet

Effective Date 06/16/2007 According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

from a spillage or tank cleaning should be disposed of in accordance with prevailing regulations, preferably to a recognised collector or contractor. The competence of the collector or contractor should be established beforehand.

Container Disposal

Send to drum recoverer or metal redaimer. Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld uncleaned drums. Do not pollute the soil, water or environment with the waste container. Comply with any local recovery or

waste disposal regulations.

Local Legislation

Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and

must be complied with.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)

Identification number

NA 1993 Diesel Fuel

Proper shipping name

Combustible liquid

Class / Division

Packing group

Emergency Response Guide

128

Additional Information

Oil: This product is an oil under 49CFR (DOT) Part 130. If shipped by rail or highway in a tank with a capacity of 3500 gallons or more, it is subject to these requirements. Mixtures or solutions containing 10% or more of this product may also

be subject to this rule.

IMDG

Identification number

Proper shipping name

UN 1202 DIESEL FUEL

Class / Division

3

Packing group Marine pollutant

111 No

IATA (Country variations may apply)

Identification number

UN 1202

Proper shipping name

Diesel fuel

Class / Division Packing group

3 111

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

8/10

Print Date 06/26/2007

MSDS_US



Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed MSDS# 401398EU

Version 4.

Effective Date 06/16/2007

According to OSHA Hazard Communication Standard, 29 CFR

Material Safety Data Sheet

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed ()

Shell classifies this material as an "oil" under the CERCLA Petroleum Exclusion, therefore -releases to the environment are not reportable under CERCLA.

Under Section 311 of the Clean Water Act (CWA) this material is considered an oil. As such, spills into surface waters must be reported to the National Response Centre at (800) 424-8802.

SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Delayed (Chronic) Health Hazard. Fire Hazard.

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Pennsylvannia Right-To-Know Chemical List

Fuels, diesel, no.2 (68476-34-6) 100.00%

Listed.

16. OTHER INFORMATION

MSDS Version Number

This document contains important information to ensure the Additional Information

safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety

matters.

NFPA Rating (Health, 2, 2, 0

Fire. Reactivity)

: 06/16/2007 MSDS Effective Date

: A vertical bar (|) in the left margin indicates an amendment MSDS Revisions

from the previous version.

The content and format of this MSDS is in accordance with the MSDS Regulation OSHA Hazard Communication Standard, 29 CFR 1910.1200.

MSDS Distribution The information in this document should be made available to

all who may handle the product.

The information contained herein is based on our current Disclaimer

knowledge of the underlying data and is intended to describe

9/10

Ultra Low Sulfur Diesel Fuel 2 (S-15 ppm) Dyed
MSDS# 401398EU
Version 4.
Effective Date 06/16/2007
According to OSHA Hazard Communication Standard, 29 CFR

1910.1200

Material Safety Data Sheet

the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.

10/10

Print Date 06/26/2007

MSDS_US



General Petroleum Corporation

REMIT TO: P.O. Box 31001-1235 Pasadena, CA 91110-1235

Customer Service: (800) 659-5823 Fax: (310) 356-2624

TW123

Credit Inquiries: (310) 356-2400

INVOICE DATE CUSTOMER P.O. # 1 ACCOUNT # OF DEL. TICKET # FROM VIA SALESMAN

02/17/09 1908799 60-0605795 4201771 600 DEMP

BILLING ADDRESS:

E.F. OXNARD, LLC.

ATTN: ACCOUNTS PAYABLE 550 DIAZ AVE

SHIPPED TO: E.F. OXNARD 550 DIAZ AVE

OXNARD

CA 93030

OXNARD COUNTRY CODE:

CA 93030

TERMS:

NET DUE 20 DAYS

REMIT TO: GENERAL PETROLEUM CORPORATION

QUA	NTITY PACKAGE EXT QTY PRICE	
PRODUCT CODE/WHSE/DESC DEL	IVERED DESCRIPT UNIT AMOUN	T
	선생님 하면 하는 사람들은 아이들 아는 사람들이 되었다. 그는 사람들이 가는 사람들은 사람들이 되었다.	
	70.00 BULK GALS 70.00 1.79400 125.5	8
CARB ULTRA L.S. DYED DIESEL		
DIESEL FUEL, 3.NA1993, PO 2004 EMERGENCY RESPONSE		
CARB ULTRA L.S. DYED DI		
	TAXABLE USE ONLY,	
LUST TAX FED OIL SPILL FEE		
CALIF OIL SPILL FEE	.00190	
CALIF OIL SPILL BUNCHARGE		·——
	1.79809 125.8	6
	1.00 1.00 125.00000 125.0	10
DELIVERY CHARGE		
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DELIVERY CHARGE /FUELCH FUEL SURCHARGE /RCF		00
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DELIVERY CHARGE /FUELCH FUEL SURCHARGE /RCF REGULATORY COMPLIANCE FEE	Charge To: Aparlo P.O. # Acct. Amt. Verified	00
DELIVERY CHARGE /FUELCH FUEL SURCHARGE /RCF REGULATORY COMPLIANCE FEE	Charge To: CANCAC P.O.# Acct. Arnt. Verified SH601 Z59.99	00
DELIVERY CHARGE /FUELCH FUEL SURCHARGE /RCF REGULATORY COMPLIANCE FEE	Charge To: CAMARA P.O.# Acct. Arnt. Verified STHEOT 259.99 Approved	00

SALES TAX:

9.13

23385

PAY THIS AMOUNT

83

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	Description:
Number: 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.

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 large water heaters or small boilers are on site.

- 2. X Yes \(\subseteq \text{No Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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."
- 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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:

10 / 01 / 08 (MM/DD/YY) to 09 / 30 / 09 (MM/DD/YY)

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	Description:
Number and/or Permit Condition	
Number:	Future installation of natural gas-fired, fan-type furnaces
Rule 74.22	5

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.

Applies to future installations only. No natural gas fired furnaces are on site.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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. The Yes X 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."

Applicable Requirement or Part 70 Permit Condition Attachment

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

- 6. \square Yes $\underline{\mathbf{X}}$ 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

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

Applicable Requirement or Part 70 Permit Condition

Citation, Including Attachment	Description: 40 CFR Part 72, "Permits Regulation"
Number and/or Permit Condition	40 CFR Part 73, "Sulfur Dioxide Allowance System'
Number:	40 CFR Part 74, "Sulfur Dioxide Opt-Ins"
Permit Shield – Acid Rain Program	40 CFR Part 75, "Continuous Emission Monitoring"
	_

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.

Pursuant to 40 CFR Part 72.6(b)(5), a qualifying facility is not an affected unit subject to the requirements of the Acid Rain Program if it has, as of November 15, 1990, one or more qualifying facility power purchase commitments to sell at least 15 percent of its total planned net output capacity; and consists of one or more units designated by the owner or operator with a total installed net output capacity not exceeding 130 percent of the total planned net output capacity. Since this cogeneration unit is a qualifying facility and sells greater than 15 percent of the total planned net output capacity through qualifying power purchase commitments, and has a total installed net output capacity that does not exceed 130 percent of the total planned net output capacity, it is not subject to the Acid Rain Program.

- 2. **X** Yes \square 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 this compliance determination method is continuous or intermittent:
 - X 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

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- 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	Description: 40 CFR Part 68, "List of Regulated Substances and
Number and/or Permit Condition	Thresholds for Accidental Release Prevention"
Number:	
Risk Management Plans	
O	

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.

On June 21, 1999, EF Oxnard, Inc. filed an RMP with the Oxnard CUPA. The RMP contained a hazard assessment; an accidental release prevention program; an emergency response program; a five-year accident history and a certification statement that the information submitted is true, accurate, and complete.

Subsequently on December 27, 1999, EF Oxnard, Inc. held a public meeting to discuss the Offsite Consequences

Analysis portion of the RMP. The FBI was notified that the public meeting was held, by certified letter dated January 4, 2000. The RMP 5 year update was submitted June 21, 2009 to the Oxnard CUPA. Oxnard CUPA has issued a Hazardous Waste and Hazardous Materials Management Regulatory Program Permit #02-0030 dated August 1, 2009.

- 2. **X** Yes \square 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 this compliance determination method is continuous or intermittent:
 - X 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. Des X 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

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- 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	Description:
Number and/or Permit Condition	National Emission Standard for Asbestos
Number:	Asbestos Demolition or Renovation
40 CFR.61.M	

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 was built in 1990 using no asbestos materials, therefore no monitoring or recordkeeping is required.

- 2. X Yes \(\subseteq \text{No} \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X Continuous All monitoring measurements show compliance with 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

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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	Description: 40 CFR Part 82, "Protection of Stratospheric Ozone"
Number and/or Permit Condition	40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioner"
Number:	40 CFR Part 82, Subpart F, "Recycling and Emissions Reduction"
Protection of Stratospheric Ozone	, , , , , , , , , , , , , , , , , , , ,
40 CFR Part 82	

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 motor vehicle repairs are done at the facility. The company truck is serviced by authorized repair centers.

No maintenance on, or service of, repair of, or disposal of appliances is done at this facility.

- 2. X Yes \(\subseteq No \) Are you currently in compliance as indicated by the most recent monitoring measurement or observation as described above?
- 3. Please indicate if this compliance determination method is continuous or intermittent:
 - X 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
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Applicable Requirement or Part 70 Permit Condition Attachment

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

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Time Period Covered by Compliance Certification:

 $_{10}/_{01}/_{08}(MM/DD/YY)$ to $_{09}/_{30}/_{09}(MM/DD/YY)$