

ROUTING RECORD

DATE	FROM	TO	ACTION
DEC 21 2011	ALCC/H501		q/b
2/14/12	<del>ALCC</del> RC		cl/REE
FEB 16 2012	ALCC	P/S	616845

REFERENCE TO OTHER APCD RECORDS INCLUDING VARIANCES

F50527

BCAT: 048901

X

PROCESS 2 ;  
INTERNAL COMB E  
ICE/EM/GEN/DI

<p>OXY USA INC 20101 GOLDENWEST ST HUNTINGTON BEACH OIL &amp; GAS PRODUCTION</p>	<p>APPL # 529228 I.D. # 169754</p>
<p>ICE</p>	<p>Date: 11/08/11</p>



South Coast Air Quality Management District

Form 400-CO

Application For Change Of Operator

Mail To: SCAQMD P.O. Box 4944 Diamond Bar, CA 91765-0944

Note 1: A Change Of Operator Permit can only be issued if ALL of the following conditions apply:
Note 2: Submit one form for each application/permit.

- The existing permit is still active or can be reinstated to an active status;
The equipment is operated at the same location as listed in the existing permit; AND
All fees due by previous operator must be paid.

Tel: (909) 396-3385 www.aqmd.gov

Section A - Previous Operator Information

1. Facility Name (Business Name of Operator As It Appears On The Permit): AERA ENERGY LLC

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 104017/09754

Section B - New Operator Information

3. Business Name of Operator As It Should Appear On The Permit: OXY USA INC.

New AQMD Facility ID (TO BE COMPLETED BY AQMD)

4. Owner's Business Name (If different from Business Name of Operator):

Section C - Equipment Location Address

5. Fixed Location Various Location (For equipment operated at various locations, provide address of initial site.)

20101 GOLDENWEST ST
Street Address
HUNTINGTON BEACH, CA 92648
City State Zip
DIANA LANG, ENV. COORD
Contact Name Title
(562) 624-3314 (562) 624-3224
Phone # Ext. Fax #
DIANA\_LANG@OXY.COM
E-Mail

Section D - Permit Mailing Address

6. Permit and Correspondence Information: Check here if same as equipment location address

111 W.OCEAN BLVD. SUITE 800
Address
LONG BEACH, CA 90802
City State Zip
DIANA LANG, ENV. COORD
Contact Name Title
(562) 624-3314 (562) 624-3224
Phone # Ext. Fax #
DIANA\_LANG@OXY.COM
E-Mail

Section E - Facility Business Information

7. What business is conducted at this location? OIL AND GAS PRODUCTION

8. What is your primary NAICS Code (North American Industrial Classification System)? 211111

9. Are you a small business as per AQMD's Rule 102 definition? (10 employees or less and total gross receipts are \$500,000 or less or a not-for-profit training center) No Yes

Section F - Application or Permit to be Transferred to New Operator

10. Is this Change of Operator a full or partial transfer of all active permits? Full Partial

11. Application Number: 394671 12. Permit Number: F50527 (Please attach a copy)

For RECLAIM Facilities, ALSO Complete This Section (Also submit Form 2007-1, Form 2007-2 and if applicable, Form 2007-3, together with a separate filing fee for the transfer of RTC's as per Rule 301(0)(9):

Device number or range of device numbers for the permitted item: D168

Please be advised that you are applying to take over the operation of all or part of a RECLAIM facility and if any previous Facility Permit holder is found to have violated AQMD Rule 2004(d) - Prohibition of Emissions in Excess of Annual Allocation, during time periods prior to this change of operator, your facility Allocation will be reduced by the amount of excess emissions, as provided under Rule 2010(b)(1).

Section G - Signature and Authorization for Change of Operator

Table with columns for Previous Operator, New Operator, and Checklist. Includes signatures and titles for responsible officials.

Summary table with columns: AQMD USE ONLY, PERMIT TRACKING #, CHECKS, AMOUNT RECEIVED, PAYMENT TRACKING #, VALIDATION, DATE, APP REG, CLASS, BASIC CONTROL, EQUIPMENT CATEGORY CODE, ENGINEER, REASON ACTION TAKEN.

(98004)

6920

**SCAQMD PERMIT PROCESSING SYSTEM (PPS)**

**FEE DATA - SUMMARY SHEET**

Application No : 529226  
 Previous Application No: 394671

IRS/SS No:  
 Previous Permit No: F50527

Company Name : OXY USA INC  
 Equipment Street: 20101 GOLDENWEST ST , HUNTINGTON BEACH CA 92648  
 Equipment Desc : I C E (50-500 HP) EMERG OTHER, DIESEL

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Facility ID: 169754

Equipment Type : BASIC  
 B-CAT NO. : 048901 C-CAT NO: 00  
 Facility Zone : 18 Deemed Compl. Date: 12/8/2011

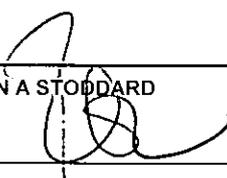
Fee Charged by: B-CAT  
 Fee Schedule: B  
 Public Notice: NO

Evaluation Type : CHANGE OF OPERATOR (PO)  
 Disposition : Approve PO, Recommended by Engineer  
 Lead Appl. No :

Small Business:   
 Higher Fees for Failing to Obtain a Permit:   
 Identical Permit Unit:

Air quality Analysis	\$0.00	Filing Fee Paid:	\$0.00
E.I.R	\$0.00	Permit Processing Fee Paid:	\$508.28
Health Risk Assessment	\$0.00	Permit Processing Fee Calculated*:	\$508.28
Public Notice Preparation Fee	\$0.00	Permit Processing Fee Adjustment:	\$0.00
Public Notice Publication Fee	\$0.00		
Expedited Processing	Hours: 0.00		
Source Test Review	Hours: 0.00		
Time & Material	Hours: 0.00		
		Total Additional Fee:	\$0.00
		Additional Charge:	\$0.00

COMMENTS:

RECOMMENDED BY: HAMILTON A STODDARD  
 REVIEWED BY: 

DATE: 02/03/2012

DATE: FEB 16 2012

\* ADJUSTED FOR SMALL BUSINESS, IDENTICAL EQUIPMENT AND P/O NO P/C PENALTY

SCAQMD PERMIT PROCESSING SYSTEM (PPS)

**AEIS DATA SHEET**

Company Name : OXY USA INC

Facility ID : 169754

Equipment Address : 20101 GOLDENWEST ST  
HUNTINGTON BEACH CA 92648

Application Number : 529226

Equipment B-Cat : 048901

Estimated Completion Date : 02/09/12

Equipment C-Cat :

Equipment Type : Basic

Equipment Description : I C E (50-500 HP) EMERG OTHER, DIESEL

**Emissions**

Emittants	R1 LB/HR	R2 LB/HR
CO	0.18	0.18
NOX	2.36	2.36
PM10	0.05	0.05
ROG	0.12	0.12
SOX	0.06	0.06

**Applicable Rules**

1110.2	07/09/2010	Emissions from Gaseous-and Liquid-fueled Engines
1401	09/10/2010	New Source Review of Toxic Air Contaminants
1470	06/01/2007	Requirements for Stationary Diesel-Fueled Internal Combustion and Other
1472	03/07/2008	Requirements for Facilities with Multiple Stationary Emergency Standby Diesel-Fu
401	11/09/2001	Visible Emissions
402	05/07/1976	Nuisance
404	02/07/1986	Particulate Matter - Concentration
407	04/02/1982	Liquid and Gaseous Air Contaminants
431.2	09/15/2000	Sulfur Content of Liquid Fuels

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Daily Start Times :	08:00	00:00	00:00	00:00	00:00	00:00	00:00
Daily Stop Times :	09:00	00:00	00:00	00:00	00:00	00:00	00:00

User's Initials : HS01      Date: 02/09/12      Supervisor's Name : \_\_\_\_\_      Review Date : \_\_\_\_ / \_\_\_\_ / \_\_\_\_

## N S R   D A T A   S U M M A R Y   S H E E T

Application No: 529226  
Application Type: Change of Ownership  
Application Status: PENDAPPRV  
Previous Apps,Dev,Permit #: 394671, 0 - ,, NONE

Company Name: OXY USA INC  
Company ID: 169754  
Address: 20101 GOLDENWEST ST,HUNTINGTON BEACH, CA  
RECLAIM: NOX  
RECLAIM Zone: 01  
Air Basin: SC  
Zone: 18  
Title V: NO

Device ID: 0 -  
Estimated Completion Date: 07-04-2012  
Heat Input Capacity: 0 Million BTU/hr  
Priority Reserve: NONE - No Priority Access Requested  
Recommended Disposition: 31 - PERMIT TO OPERATE GRANTED  
PR Expiration:  
School Within 1000 Feet: NO  
Operating Weeks Per Year: 12  
Operating Days Per Week: 1  
Monday Operating Hours: 08:00 to 09:00  
Tuesday Operating Hours: 00:00 to 00:00  
Wednesday Operating Hours: 00:00 to 00:00  
Thursday Operating Hours: 00:00 to 00:00  
Friday Operating Hours: 00:00 to 00:00  
Saturday Operating Hours: 00:00 to 00:00  
Sunday Operating Hours: 00:00 to 00:00

Emittant: CO  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.184 lbs/hr  
     Max Daily: 4.146 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.184 lbs/hr  
     Max Daily: 4.416 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 3 lbs/yr  
 District Exemption: None

Emittant: NOX  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MAJOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 2.36 lbs/hr  
     Max Daily: 56.52 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 2.36 lbs/hr  
     Max Daily: 56.52 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 35 lbs/yr  
 District Exemption: None

Emittant: PM10  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.05 lbs/hr  
     Max Daily: 1.2 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.05 lbs/hr  
     Max Daily: 1.2 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 1 lbs/yr  
 District Exemption: None

Emittant: ROG  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.127 lbs/hr  
     Max Daily: 3.048 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.127 lbs/hr  
     Max Daily: 3.048 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 2 lbs/yr  
 District Exemption: None

Emittant: SOX  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.061 lbs/hr  
     Max Daily: 1.464 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.061 lbs/hr  
     Max Daily: 1.464 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 1 lbs/yr  
 District Exemption: None

SUPERVISOR'S APPROVAL: \_\_\_\_\_ SUPERVISOR'S REVIEW DATE: \_\_\_\_\_

Processed By: hamiltos 2/14/2012 4:01:34 PM

ROUTING RECORD

DATE	FROM	TO	ACTION
12-20-01	JM	USB	SR
1-19-02	CSB	JTY	P/c-8/0 Recommended.

REFERENCE TO OTHER APCD RECORDS INCLUDING VARIANCES

APPL # 394671  
I.D. # 104017

31

AERA ENERGY LLC  
20101 GOLDENWEST ST  
HUNTINGTON BEACH

Date: 12/18/01

Batch #  
4628



A/N. 529226

Process 2, system  
envers ICE.  
D168

SCAQMD COMPUTER ASSISTED PERMIT PROCESSING (CAPPS)

**AEIS DATA SHEET**

Company Name : AERA ENERGY LLC  
 Equipment Address : 20101 GOLDENWEST ST, HUNTINGTON BEACH, CA 92648

Facility ID : 104017

APPLICATION NUMBER : 394671  
 ESTIMATED COMPLETION DATE : 2/22/2002  
 EQUIPMENT TYPE : BASIC  
 EQUIPMENT DESCRIPTION : ICE (50-500 HP) EMERG OTHER, DIESEL

EQUIPMENT B-CAT : 048901  
 EQUIPMENT C-CAT : 00

EMITTANTS	EMISSIONS	
	R1 (LB/HR)	R2 (LB/HR)
CO	180	180
NOX	241	241
PM	050	050
ROG	130	130
SOX	060	060

**APPLICABLE RULES**

401	402
404	431.2
1110.2	1173
1401	1701
2004	2005
2012	

WEEKS/YEAR: 12	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Daily Start Times:	:	:	8:00	:	:	:	:
Daily Stop Times:	:	:	9:00	:	:	:	:

User's Initials: CB05      Date: 1/19/2002      Supervisor's Name: \_\_\_\_\_      Review Date: \_\_\_/\_\_\_/\_\_\_

## NSR DATA SUMMARY SHEET

Application No: 394671  
Application Type: Permit to Construct  
Application Status: PENDAPPRV  
Previous Apps, Dev, Permit #: NONE

Company Name: AERA ENERGY LLC  
Company ID: 104017  
Address: 20101 GOLDENWEST ST, HUNTINGTON BEACH, CA  
RECLAIM: NOX  
RECLAIM Zone: 01  
Air Basin: SC  
Zone: 18  
Title V: YES

Device ID: 0 -  
Estimated Completion Date: 02-22-2002  
Heat Input Capacity: 0 Million BTU/hr  
Priority Reserve: NONE - No Priority Access Requested  
Recommended Disposition: 31 - PERMIT TO OPERATE GRANTED  
PR Expiration:  
School Within 1000 Feet: NO  
Operating Weeks Per Year: 12  
Operating Days Per Week: 1  
Monday Operating Hours: 00:00 to 00:00  
Tuesday Operating Hours: 00:00 to 00:00  
Wednesday Operating Hours: 08:00 to 09:00  
Thursday Operating Hours: 00:00 to 00:00  
Friday Operating Hours: 00:00 to 00:00  
Saturday Operating Hours: 00:00 to 00:00  
Sunday Operating Hours: 00:00 to 00:00

1 day/week  
12 weeks/yr  
1 hr/day

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Emittant: ACETALDEEH  
BACT:  
Cost Effectiveness: NO  
Source Type: MINOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 0.0067 lbs/hr  
Max Daily: 0.1608 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 0.0067 lbs/hr  
Max Daily: 0.1608 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 0.1005 lbs/yr  
District Exemption: None

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Emittant: BENZENE  
BACT:  
Cost Effectiveness: NO  
Source Type: MINOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 0.0016 lbs/hr  
Max Daily: 0.0384 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 0.0016 lbs/hr  
Max Daily: 0.0384 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 0.024 lbs/yr  
District Exemption: None

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Emittant: CO  
BACT:  
Cost Effectiveness: NO  
Source Type: MINOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 0.184 lbs/hr  
Max Daily: 4.416 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 0.184 lbs/hr  
Max Daily: 4.416 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 3 lbs/yr  
District Exemption: None

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Emittant: FORMALDEHY  
BACT:  
Cost Effectiveness: NO  
Source Type: MINOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 0.0148 lbs/hr  
Max Daily: 0.3552 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 0.0148 lbs/hr  
Max Daily: 0.3552 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 0.222 lbs/yr  
District Exemption: None

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Emittant: NOX  
BACT:  
Cost Effectiveness: NO  
Source Type: MAJOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 2.355 lbs/hr  
Max Daily: 56.52 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 2.355 lbs/hr  
Max Daily: 56.52 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 35 lbs/yr  
District Exemption: None

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Emittant: PAH  
BACT:  
Cost Effectiveness: NO  
Source Type: MINOR  
Emis Increase: 0  
Modeling: N/A  
Public Notice: N/A  
CONTROLLED EMISSION  
Max Hourly: 0.00048 lbs/hr  
Max Daily: 0.01152 lbs/day  
UNCONTROLLED EMISSION  
Max Hourly: 0.00048 lbs/hr  
Max Daily: 0.01152 lbs/day  
CURRENT EMISSION  
BACT 30 days Avg: 0 lbs/day  
Annual Emission: 0.0072 lbs/yr  
District Exemption: None

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Emittant: PM10  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.05 lbs/hr  
     Max Daily: 1.2 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.05 lbs/hr  
     Max Daily: 1.2 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 1 lbs/yr  
 District Exemption: None

Emittant: ROG  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.127 lbs/hr  
     Max Daily: 3.048 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.127 lbs/hr  
     Max Daily: 3.048 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 2 lbs/yr  
 District Exemption: None

Emittant: SOX  
 BACT:  
 Cost Effectiveness: NO  
 Source Type: MINOR  
 Emis Increase: 0  
 Modeling: N/A  
 Public Notice: N/A  
 CONTROLLED EMISSION  
     Max Hourly: 0.061 lbs/hr  
     Max Daily: 1.464 lbs/day  
 UNCONTROLLED EMISSION  
     Max Hourly: 0.061 lbs/hr  
     Max Daily: 1.464 lbs/day  
 CURRENT EMISSION  
     BACT 30 days Avg: 0 lbs/day  
     Annual Emission: 1 lbs/yr  
 District Exemption: None

SUPERVISOR'S APPROVAL: \_\_\_\_\_ SUPERVISOR'S REVIEW DATE: \_\_\_\_\_



<b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <b>ENGINEERING AND COMPLIANCE DIVISION</b>  <b>APPLICATION EVALUATION AND CALCULATIONS</b>	No. of Pages 5	Page No. 2
	App. No. 394671	Date January 19, 2002
	Evaluated by: C. S. Bhatt	Energy Team C

**BACKGROUND:**

Aera Energy LLC has filed this application to install a new emergency engine for the instrument air compressor driver. This engine will drive the facility's instrument air compressor during power outage. The entire facility will shutdown without a back-up engine for the facility's air system. The air compressor is normally driven by an electric motor. This is a Class I application and a P/C/-P/O will be issued. Aera has requested to expedite the processing of this application as allowed by Rule 301(y).

**PROCESS DESCRIPTION:**

The new I. C. engine will drive the instrument air compressor and will operate for 1 hour per month for a readiness testing and during power failure (but no more than 200 hrs. per year).

**EMISSION CALCULATIONS:**

Emergency instrument air compressor engine, diesel fueled, 174 bhp)

Pollutants	Emissions Factor [from Form 400-E-13] Gm/Bhp-hr	EMISSIONS			
		lb/hr [EF x HP/453.6]	Max. (lb/day) [lb/hr x 24]	30-day avg. lb/day	Annual (lb/yr) [lb/hr x 15]
ROG	0.33	0.127	3.048	0.017	2
NOx	6.14	2.355	56.52	0.314	35
CO	0.48	0.184	4.416	0.025	3
PM	0.13	0.050	1.200	0.007	1
SOx	0.16	0.061	1.464	0.008	1

Note: Assumed 3 hrs. power outage scenario in calculating annual and 30-day avg. emissions [annual operating hrs. = (1 hr/mo x 12 mo/yr) + 3 = 15 hrs.]  
 30-day avg. hrs. = [(1 hr/mo + 3 = 4 hrs.)  
 30-day avg. emiss. = (lb/hr x 4)/30

<b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <b>ENGINEERING AND COMPLIANCE DIVISION</b>  <b>APPLICATION EVALUATION AND CALCULATIONS</b>	No. of Pages <b>5</b>	Page No. <b>3</b>
	App. No. <b>394671</b>	Date <b>January 19, 2002</b>
	Evaluated by: <b>C. S. Bhatt</b>	Energy Team <b>C</b>

**Toxic analysis for this new engine:**

ICE 174 bhp, diesel fuel usage 8.6 gal/hr

Toxicant	Emis. Factor, lb/1000 gal (AB2588)	Emissions lb/hr	Emissions ton/yr @ 200 hrs/yr
Benzene	0.1863	0.0016	0.00016
Formaldehyde	1.7261	0.0148	0.00148
PAH	0.0559	0.00048	0.000048
Acetaldehyde	0.7833	0.0067	0.00067

MICR Analysis: This emergency engine is exempt from the requirements of Rule 1401 (d) as per rule subsection R-1401 (g)(1)(F) and no further analysis is done.

**RULES EVALUATION:**

**CEQA:** Applicant has submitted the required CEQA Form and as per the review CEQA is not triggered

**RULE 212:** STANDARDS FOR APPROVING PERMITS:- The installation & operation of this emergency engine will be in compliance with the Division 26 of the Health & Safety Code. Also, emissions increase (from the intended emergency use) of all criteria pollutant is not significant and is within the limits specified in Rule 212 (g). There is no school within 1000 feet of this equipment and this engine is exempt from Rule 1401 (d) requirements. Thus, no public notice is required.

**RULE 401:** VISIBLE EMISSIONS: With proper operation, visible emissions are not expected.

**RULE 402:** NUISANCE: With proper operation, nuisance complaints are not expected.

**RULE 404:** As per operation of similar engine, this engine will comply with rule limits.

<b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <b>ENGINEERING AND COMPLIANCE DIVISION</b>  <b>APPLICATION EVALUATION AND CALCULATIONS</b>	No. of Pages 5	Page No. 4
	App. No. 394671	Date January 19, 2002
	Evaluated by: C. S. Bhatt	Energy Team C

- RULE 431.2:** The diesel fuel supplied to this engine will comply with the rule limit.
- RULE 1110.1** Not applicable (diesel engine).
- RULE 1110.2** Exempt as per subdivision (i)(2).
- RULE 1173:** Acra Energy will employ required inspection & maintenance and records keeping program for all applicable fugitive components.
- REG XIII:** NEW SOURCE REVIEW: This engine being a new source, it shall be compliant with the BACT requirements. This engine was manufactured on 3/14/2001 and meets the BACT limits [in gm/bhp-hr] of ROG (1), NOx (6.9), CO (8.5) and PM10 (0.38). Engine's emission data as per Form 400-E-13 in gm/bhp-hr [ ROG = 0.33, NOx = 6.14, CO = 0.48, PM = 0.13]
- This being an emergency equipment and operating less than 200 hrs., it is exempt from Rule-1303 (b)(1), offset and 1303 (b)(2), modeling as per R-1304 (a)(4) as it complies with the BACT limits.
- RULE 1401:** NEW SOURCE REVIEW OF CARCINOGENIC AIR CONTAMINANTS: This emergency engine is exempt from the requirements of rule subsection (d) as per Rule 1401 (g)(1)(F). Thus, MICR analysis is not done.
- REG. XVII:** The proposed installation of BACT compliant ICE meets the requirements of Rule 1701 (b)(1). The increase in potential to emit is not significant [471 lbs./yr of NOx]. Thus, no further PSD analysis is required.
- Rule 2004:** The facility is in RECLAIM Cycle 1, rule compliance is expected.
- Rule 2005:** This new emergency engine complies with the District's BACT limit for NOx. Engine's NOx emissions = 6.14 gm/bhp-hr, BACT limit = 6.9 gm/bhp-hr.
- The NOx emissions increase, of 35 lbs./yr (normal use) or 471 lbs./yr [at maximum 200-hrs/yr limit], will be well within the facility's allocation of 395,023 lbs./yr. As per facility's annual emission report, the NOx emissions are about 5000 lbs./yr.
- Modeling:- This being an emergency engine it is exempt from modeling requirements as per R-2005 (k)(5).

<b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <b>ENGINEERING AND COMPLIANCE DIVISION</b>  <b>APPLICATION EVALUATION AND CALCULATIONS</b>	No. of Pages <b>5</b>	Page No. <b>5</b>
	App. No. <b>394671</b>	Date <b>January 19, 2002</b>
	Evaluated by: <b>C. S. Bhatt</b>	Energy Team <b>C</b>

**Rule 2012:** The facility is in RECLAIM and is complying with all monitoring, reporting and record keeping requirements of this rule. Engine's emissions will be reported as per rule subsection R-2012 (e)(2)(B) and the engine will be equipped with required fuel meter and/or timer. Compliance is expected.

**REG. XXX:** Title V Permit:- This facility has not yet received the final Title V permit. Thus, this alteration is not considered a Title V permit alteration and applicant has not filed Title V permit revision.

**RECOMMENDATION AND PERMIT CONDITIONS:**

The proposed new emergency engine is in compliance with all applicable Rules and Regulations of the South Coast Air Quality Management District. A Permit to Construct/Operate is recommended, subject to the following listed conditions:

- PERMIT CONDITIONS -

1-2 The operator shall limit the operating time no more than 200 hours in any one year.

12-1 The operator shall install and maintain a non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

67-1 the operator shall keep records, in a manner approved by the District, for the following parameters or item

- Date of operation
- The Elapsed Time in Hours
- Reason for Operation

135-1 The operator shall inspect, adjust, and certify the ignition timing of this engine a minimum of once a year of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

*Note:- the above permit conditions are shown for information only. Please see the draft facility permit for details*

## Section I: AQMD BACT Determinations

Application No.: 365785

Equipment Category – I.C. Engine - Emergency, Compression Ignition

<b>1. GENERAL INFORMATION</b>		DATE: 5/25/2000
A. MANUFACTURER: Caterpillar		
B. TYPE: compression ignition	C. MODEL: 3412 DITA	
D. STYLE:		
E. APPLICABLE AQMD REGULATION XI RULES: exempt from Rule 1110.2		
F. COST: \$ ( ) SOURCE OF COST DATA:		
G. OPERATING SCHEDULE: 1 HRS/DAY 1 DAY/SWK 52 WKS/YR		

<b>2. EQUIPMENT INFORMATION</b>		APP. NO.: 365785
A. FUNCTION: 890 brake horsepower portable engine drives a stand-by electrical generator		
B. MAXIMUM HEAT INPUT:	C. MAXIMUM THROUGHPUT: 890 HP	
D. BURNER INFORMATION: NO.: TYPE:		
E. PRIMARY FUEL: Diesel	F. OTHER FUEL:	
G. OPERATING CONDITIONS:		

<b>3. COMPANY INFORMATION</b>		APP. NO.: 365785
A. NAME: Cucamonga County Water District		
B. ADDRESS: 8641 San Bernardino Road		
CITY: Rancho Cucamonga		STATE: CA ZIP: 91721
C. CONTACT PERSON: Mrs. Robert Perez	D. PHONE NO.: 909-899-0060	

<b>4. PERMIT INFORMATION</b>		APP. NO.: 365785
A. AGENCY: 'SCAQMD'	B. APPLICATION TYPE: new construction	
C. AGENCY CONTACT PERSON: Roy Olivares	D. PHONE NO.: 909-396-2208	
E. PERMIT TO CONSTRUCT INFORMATION:	P/C NO.: pc/po	ISSUANCE DATE: 3/30/2000
<input type="checkbox"/> CHECK IF NO P/C		
F. START-UP DATE:		
G. PERMIT TO OPERATE INFORMATION:	P/O NO.: F26912	ISSUANCE DATE: 3/30/2000

<b>5. EMISSION INFORMATION</b>		APP. NO.: 365785
<b>A. PERMIT</b>		
A1. PERMIT LIMIT: engine operation < 200 hrs/yr, standard various locations conditions, and fuel sulfur < 0.05% by weight		
A2. BACT/LAER DETERMINATION: BACT limits (grams/bhp-hr): NOx = 6.9, CO = 8.5, ROG = 1.0, PM10 = 0.38 (gr/bhp-hr)		

**5. EMISSION INFORMATION**

APP. NO.: 365785

**B. CONTROL TECHNOLOGY**

B1. MANUFACTURER/SUPPLIER:	Caterpillar		
B2. TYPE:	internal		
B3. DESCRIPTION:	turbocharged and aftercooled		
B4. CONTROL EQUIPMENT PERMIT APPLICATION DATA:	P/C NO.:	ISSUANCE DATE:	
	P/O NO.:	ISSUANCE DATE:	
B5. WASTE AIR FLOW TO CONTROL EQUIPMENT:	FLOW RATE:		
ACTUAL CONTAMINANT LOADING:	BLOWER HP:	HP	
B6. WARRANTY:			
B7. PRIMARY POLLUTANTS:	NO <sub>x</sub> , CO, PM, SOX, ROG		
B8. SECONDARY POLLUTANTS:	none		
B9. SPACE REQUIREMENT:			
B10. LIMITATIONS:			
B11. LOCATION OF PRIOR DEMONSTRATION & AGENCY:			
FACILITY:	Ingram Book Company		
CONTACT PERSON:	Ron Persons	PHONE NO.:	(800) 937-8222
AGENCY:	SCAQMD		
ADDRESS:	21865 E. Copley Drive, Diamond Bar, CA		
CONTACT PERSON:	Roy Olivares	PHONE NO.:	(909) 396-2208
B12. OPERATING HISTORY:			
B13. SOURCE TEST/PERFORMANCE DATA ANALYSIS:			
DATE OF SOURCE TEST:	CAPTURE EFFICIENCY:		
DESTRUCTION EFFICIENCY:	OVERALL EFFICIENCY:		
PERFORMANCE DATA:			
B14. SOURCE TEST CONDITIONS/PERFORMANCE DATA:			

**C. COST**

C1. CONTROL EQUIPMENT COST:	<input type="checkbox"/> CHECK IF INSTALLATION COST IS INCLUDED IN CAPITAL COST		
CAPITAL: \$	INSTALLATION: \$	( )	SOURCE OF COST DATA:
C2. ANNUAL OPERATIONAL/MAINTENANCE COST:	\$	( )	SOURCE OF COST DATA:

**D. DEMONSTRATION OF COMPLIANCE**

D1. STAFF PERFORMING FIELD EVALUATION:			
ENGINEER'S NAME:	INSPECTOR'S NAME:	DATE:	
D2. COMPLIANCE DEMONSTRATION:			
D3. VARIANCE:	NO. OF VARIANCES:	DATES:	
CAUSES:			
D4. VIOLATION:	NO. OF VIOLATIONS:	DATES:	
CAUSES:			
D5. FREQUENCY OF MAINTENANCE:			

**6. COMMENTS**

APP. NO.: 365785

Actual emissions in grams/bhp-hr (as reported by the engine mfr.) are: NO<sub>x</sub> = 5.77, CO = 0.15, ROG = 0.04, PM10 = 0.21. The test method used was ISO 8178-4, D2 test cycle.

## Section I: AQMD BACT Determinations

Application No.: 356816

Equipment Category – I.C. Engine - Emergency, Compression  
Ignition

<b>1. GENERAL INFORMATION</b>			DATE: 10/5/99
A. MANUFACTURER: Cummins			
B. TYPE: 4-cycle, 4-cylinder, diesel fired, naturally aspirated, compression ignited		C. MODEL: Model 4B3.9-G2	
D. STYLE:			
E. APPLICABLE AQMD REGULATION XI RULES: Exempt (emergency standby)			
F. COST: \$ ( )		SOURCE OF COST DATA:	
G. OPERATING SCHEDULE:			
HRS/DAY	DAYS/WK	WKS/YR	

<b>2. EQUIPMENT INFORMATION</b>			APP. NO.: 356816
A. FUNCTION: Engine drives a 35-40 kW electrical generator. The generator supplies emergency power during a utility power outage.			
B. MAXIMUM HEAT INPUT: 486,500 Btu/hr		C. MAXIMUM THROUGHPUT: 68 BHP	
D. BURNER INFORMATION: NO.: TYPE:			
E. PRIMARY FUEL: Diesel		F. OTHER FUEL: NONE	
G. OPERATING CONDITIONS: Constant speed (1,800 rpm), variable load			

<b>3. COMPANY INFORMATION</b>			APP. NO.: 356816
A. NAME: Cummins Cal Pacific, Inc.			
B. ADDRESS: 1939 Deere Avenue			
CITY: Irvine		STATE: CA	ZIP: 92606
C. CONTACT PERSON: Dave Brown		D. PHONE NO.: (949) 253-6000	

<b>4. PERMIT INFORMATION</b>			APP. NO.: 356816
A. AGENCY: SCAQMD			
B. AGENCY CONTACT PERSON: Raman Patel		C. PHONE NO.: (909) 396-2466	
D. PERMIT TO CONSTRUCT INFORMATION:		P/C NO.: 356816	ISSUANCE DATE: 8/18/1999
E. START-UP DATE:			
F. PERMIT TO OPERATE INFORMATION:		P/O NO.: N/A	ISSUANCE DATE:

**5. EMISSION INFORMATION**

APP. NO.: 356816

<b>A. PERMIT</b>		
A1. PERMIT LIMIT:	(1) The engine shall not operate more than 199 hours in any calendar year (recordkeeping required). (2) The diesel catalyst shall be inspected once every calendar year and cleaned, if necessary. If cleaning is necessary, all loose soot deposits shall be removed and the catalyst shall be washed according to manufacturer's specifications. (3) The sulfur content of diesel fuel supplied to this engine shall not exceed 0.05% by weight.	
A2. BACT/LAER DETERMINATION:	NO <sub>x</sub> ≤ 6.9 grams/bhp-hr, VOC ≤ 1.0 grams/bhp-hr, CO ≤ 8.5 grams/bhp-hr, PM <sub>10</sub> ≤ 0.38 g/bhp-hr (EPA non-road emission standards)	
<b>B. CONTROL TECHNOLOGY</b>		
B1. MANUFACTURER/SUPPLIER:	Johnson-Matthey	
B2. TYPE:	Diesel oxidation catalyst, Model JMFPE4	
B3. DESCRIPTION:	The catalyst is used to oxidize the condensable hydrocarbons (i.e., the soluble organic fraction) in the diesel exhaust. The catalyst is effective at temperatures between 600 degrees Fahrenheit to 1250 degrees Fahrenheit. The catalyst can reduce particulate emissions by as much as 50%, as well as carbon monoxide and VOC emissions by as much as 90%.	
B4. CONTROL EQUIPMENT PERMIT APPLICATION DATA:	P/C NO.: 356816 P/O NO.: N/A	ISSUANCE DATE: 8/18/1999 ISSUANCE DATE:
B5. WASTE AIR FLOW TO CONTROL EQUIPMENT:	ACTUAL CONTAMINANT LOADING: 0.51 gram/bhp-hr PM	FLOW RATE: 306 cfm @ 1204 F BLOWER HP: HP
B6. WARRANTY:	15 months from the date of shipment, or 12 months from the date of start-up.	
B7. PRIMARY POLLUTANTS:	The control equipment is primarily used to control the PM <sub>10</sub> emissions from the engine in order to comply with BACT requirements.	
B8. SECONDARY POLLUTANTS:	Particulate emissions created by the oxidation of sulfur dioxide to sulfur trioxide. Sulfur trioxide is a particulate precursor.	
B9. SPACE REQUIREMENT:		
B10. LIMITATIONS:		
B11. LOCATION OF PRIOR DEMONSTRATION & AGENCY:	FACILITY: CONTACT PERSON: PHONE NO.: AGENCY: ADDRESS: CONTACT PERSON: PHONE NO.:	
B12. OPERATING HISTORY:		
B13. SOURCE TEST/PERFORMANCE DATA ANALYSIS:	DATE OF SOURCE TEST: CAPTURE EFFICIENCY: DESTRUCTION EFFICIENCY: OVERALL EFFICIENCY: PERFORMANCE DATA:	
B14. SOURCE TEST CONDITIONS/PERFORMANCE DATA:		

**5. EMISSION INFORMATION**

APP. NO.: 356816

**C. COST**

C1. CONTROL EQUIPMENT COST:		<input type="checkbox"/>	CHECK IF INSTALLATION COST IS INCLUDED IN CAPITAL COST	
CAPITAL:	\$ 630.00	INSTALLATION:	\$ (1999)	SOURCE OF COST
DATA:	Catalyst Manufacturer			
C2. ANNUAL OPERATIONAL/MAINTENANCE COST:		\$ ( )	SOURCE OF COST DATA:	

**D. DEMONSTRATION OF COMPLIANCE**

D1. STAFF PERFORMING FIELD EVALUATION:		
ENGINEER'S NAME:	INSPECTOR'S NAME:	DATE:
D2. COMPLIANCE DEMONSTRATION:		
D3. VARIANCE:	NO. OF VARIANCES:	DATES:
CAUSES:		
D4. VIOLATION:	NO. OF VIOLATIONS:	DATES:
CAUSES:		
D5. FREQUENCY OF MAINTENANCE:		

**6. COMMENTS**

APP. NO.: 356816

Johnson Matthey's diesel oxidation catalyst is EPA certified for 25% PM reduction on heavy-duty diesel bus engines using EPA's heavy-duty transient test cycle which is run on an engine dynamometer. Based on this information, the assumed PM reduction for this application is 25%. This should provide for compliance with the 0.38 grams/bhp-hr PM emission limit.

HW 529226

APPLICATION EMISSION INQUIRY  
FACILITY : 104017

NOX PROCESS UNIT

	APPL_ID	EMI_ID	A	MEAS	EMI	E	E	A	APPROV_D	APPL_STATUS	DESC
1	394671	0 ACETALDEEH	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
2	394671	0 ACETALDEEH	31	R1DY	.161	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
3	394671	0 ACETALDEEH	31	R1HR	.007	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
4	394671	0 ACETALDEEH	31	R2DY	.161	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
5	394671	0 ACETALDEEH	31	R2HR	.007	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
6	394671	0 ACETALDEEH	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
7	394671	0 ACETALDEEH	31	YRLY	.101	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
8	394671	0 BENZENE	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
9	394671	0 BENZENE	31	R1DY	.038	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
10	394671	0 BENZENE	31	R1HR	.002	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
11	394671	0 BENZENE	31	R2DY	.038	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
12	394671	0 BENZENE	31	R2HR	.002	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
13	394671	0 BENZENE	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
14	394671	0 BENZENE	31	YRLY	.024	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
15	394671	0 CO	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
16	394671	0 CO	31	R1	.1	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
17	394671	0 CO	31	R1DY	4.416	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
18	394671	0 CO	31	R1HR	.184	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
19	394671	0 CO	✓ 31	R2	.1	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
20	394671	0 CO	31	R2DY	4.416	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
21	394671	0 CO	31	R2HR	.184	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
22	394671	0 CO	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
23	394671	0 CO	31	YRLY	3	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
24	394671	0 FORMALDEHY	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
25	394671	0 FORMALDEHY	31	R1DY	.355	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
26	394671	0 FORMALDEHY	31	R1HR	.015	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
27	394671	0 FORMALDEHY	31	R2DY	.355	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
28	394671	0 FORMALDEHY	31	R2HR	.015	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
29	394671	0 FORMALDEHY	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
30	394671	0 FORMALDEHY	31	YRLY	.222	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
31	394671	0 NOX	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
32	394671	0 NOX	31	R1	2.4	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
33	394671	0 NOX	31	R1DY	56.52	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
34	394671	0 NOX	31	R1HR	2.355	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
35	394671	0 NOX	31	R2	2.4	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
36	394671	0 NOX	✓ 31	R2DY	56.52	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
37	394671	0 NOX	31	R2HR	2.355	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
38	394671	0 NOX	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
39	394671	0 NOX	31	YRLY	35	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
40	394671	0 PAH	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
41	394671	0 PAH	31	R1DY	.012	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
42	394671	0 PAH	31	R1HR	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
43	394671	0 PAH	31	R2DY	.012	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
44	394671	0 PAH	31	R2HR	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
45	394671	0 PAH	31	RACT	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
46	394671	0 PAH	31	YRLY	.007	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
47	394671	0 PM10	31	AV30	0	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
48	394671	0 PM10	31	R1DY	1.2	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	
49	394671	0 PM10	31	R1HR	.05	01-chejof	03-22-2002		PERMIT TO OPERATE	GRANTED	

DIG8 -  
ICE/EAN/GEN  
DIESEL  
174 hp

NOx:  
469 lbs  
100 gal

1, 1, 12

24, ?, ?

NOx: 30 day = 0  
2.355 lb/hr  
56.52 lb/day  
35 lb/yr ??

x = 62 day/yr

24 hrs/day

APPLICATION EMISSION INQUIRY  
 FACILITY : 104017

	APPL_	I	EMI_ID	A	MEAS	EMI	E	E	A	APROV_D	APPL_STATUS_DESC
50	394671	0	PM10	31	R2DY	1.2	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
51	394671	0	PM10	31	R2HR	.05	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	0.05
52	394671	0	PM10	31	RACT	0	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
53	394671	0	PM10	31	YRLY	1	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
54	394671	0	ROG	31	AV30	0	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
55	394671	0	ROG	31	R1	.1	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
56	394671	0	ROG	31	R1DY	3.048	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
57	394671	0	ROG	31	R1HR	.127	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	0.127
58	394671	0	ROG	31	R2	.1	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
59	394671	0	ROG	31	R2DY	3.048	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
60	394671	0	ROG	31	R2HR	.127	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
61	394671	0	ROG	31	RACT	0	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
62	394671	0	ROG	31	YRLY	2	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
63	394671	0	SOX	31	AV30	0	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
64	394671	0	SOX	31	R1DY	1.464	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	0.061
65	394671	0	SOX	31	R1HR	.061	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
66	394671	0	SOX	31	R2DY	1.464	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
67	394671	0	SOX	31	R2HR	.061	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
68	394671	0	SOX	31	RACT	0	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	
69	394671	0	SOX	31	YRLY	1	01	chejot	03-22-2002	PERMIT TO OPERATE GRANTED	

# South Coast Air Quality Management District

## Facility Equipment List Report

Facility: 169754 OXY USA INC

MR: 0103

Contact: DIANA LANG (562) 6243314

Last Inspection:

Quarter: 0010 - inspect in 3rd quarter, every year

SIC: 1311

TS: TS-01 Cycle | RECLAIM/Title V F

On Hold: N

Inspector:

Facility Status: Active

Facility Team: O

Inspection Date:

Assignment No.:

Disposition:

Location Address: 20101 GOLDENWEST ST, HUNTINGTON BEACH 92648-2628 Sector:RE

Mailing Address: 111 W OCEAN BLVD, LONG BEACH 90802 Sector:LK

Instruction:

RECLAIM: Y	TITLE V: N	SIP:	AIR:		
Application No.	Permit No.	Permit Issue Date	Permit Status		
Equipment Category	BCAT/CCAT Description	Application Date	Application Status		
529242		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED
529243		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED
529244		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED
529245		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED
529246		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED
529247		000992	ERC - CHANGE OF TITLE	11/08/2011	BANKING/ PLAN GRANTED

Report:

104017