South Coast Air Quality Management District

Form 400-A

Application For Permit To Construct and Permit To Operate

Mail Application To:
P.O. Box 4944
Diamond Bar, CA 91765

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

Section A: Operator Information

1. Business Name of Operator To Appear On The Permit:
Chevron Products Company

2. Valid AQMD Facility ID (Available on Permit or Invoice issued by AQMD): 800302

3. Owner's Business Name (only if different from Business Name of Operator):

Section B: Equipment Location

4. Equipment Location Address:
For equipment operated at various locations in AQMD's jurisdiction, provide address of initial site

17881 Gothard Street
Street Address

Huntington Beach CA, 92647 - 6252
City State Zip Code

County: ○ Los Angeles ◉ Orange ○ San Bernardino ○ Riverside

Contact Name: Ken Yee

Contact Title: ESH Specialist Phone: (714) 843-0866

Fax: (714) 843-5839 E-Mail: KenYee@Chevron.com

Section C: Permit Mailing Address

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

Street Address

City State Zip Code

Contact Name:

Contact Title: Phone:

Fax: E-Mail:

Section D: Application Type

The facility is in ○ RECLAIM ◉ Title V ○ RECLAIM & Title V Program (please check if applicable)

6. Reason for Submitting Application (Select only ONE):

- ○ New Construction (Permit to Construct)
- ○ Equipment Operating Without A Permit or Expired Permit
- ◉ Administrative Change (03)
- ○ Equipment On-Site But Not Constructed or Operational
- ○ Title V Application (Initial, Revisions, Modifications, etc.)
- ○ Compliance Plan
- ○ Facility Permit Amendment
- ○ Registration/Certification
- ○ Streamlined Standard Permit
- ○ Permitted Equipment Altered/ Modified Without Permit Approval*
- ○ Proposed Alteration/Modification to Permitted Equipment
- ○ Change of Condition For Permit To Operate
- ○ Change of Condition For Permit To Construct
- ○ Change of Location—Moving to New Site

Existing Or Previous Permit/Application Number:
(If you checked any of the items in this column, you MUST provide a existing Permit/ Application Number)
F37035

* A Higher Permit Processing Fee applies to those items with an asterisk (Rule 301 (c) (1) (D)

7. Estimated Start Date of Operation/Construction (MM/DD/YYYY):

8. Description of Equipment:
Administrative change to Section D, Vapor Recovery System, Permit Number F37035
Prev AN 372366
AN 342363
259604
a-4-59-0 A

9. Is this equipment portable AND will it be operated at different locations within AQMD's jurisdiction? ◉ No ○ Yes

10. For Identical equipment, how many additional applications are being submitted with this application? (Form 400-A required for each)

11. 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

12. Has a Notice of Violation (NOV) or a Notice To Comply (NC) been issued for this equipment?
◉ No ○ Yes If yes, provide NOV/NC #:

Section E: Facility Business Information

13. What type of business is being conducted at this equipment location?
Petroleum Bulk Terminal

14. What is your businesses primary NAICS Code (North American Industrial Classification System)? 424710

15. Are there other facilities in the SCAQMD jurisdiction operated by the same operator? ○ No ◉ Yes

16. Are there any schools (K-12) within a 1000-ft. radius of the equipment physical location? ◉ No ○ Yes

Section F: Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application is true and correct.

17. Signature of Responsible Official:

18. Title:
Terminal Manager

19. Print Name:
Tam H. Bui

20. Date:
8-17-10

Check List

- ☒ Form(s) signed and dated by authorized official
- ☐ Supplemental Equipment Form (400-E-XX or 400-E-GEN)
- ☐ CEQA Form (400-CEQA) attached
- ☒ Payment for permit processing fee attached

Your application will be rejected if any of the above items are missing.

AQMD USE ONLY	APPLICATION/TRACKING #	TYPE	EQUIPMENT CATEGORY CODE:	FEE SCHEDULE:	VALIDATION
	514139	C/D	05	$ D	8/31/10 LA
ENG. A R DATE	ENG. A R DATE 12/14/10	CLASS I II III IV	ASSIGNMENT Unit A Engineer TWN	CHECK/MONEY ORDER #2616380	AMOUNT 9,022.74

Tracking #

(89791)

.10 AUG 31 A 1:20

684 58

2/10

SCAQ[redacted] PERMIT PROCESSING SYSTE[redacted]PS)

FEE DATA - SUMMARY SHEET

Application No :	514139	IRS/SS No:	
Previous Application No:	372366	Previous Permit No:	F37035

Company Name :	CHEVRON PRODUCTS COMPANY	Facility ID:	800302
Equipment Street:	17881 GOTHARD ST , HUNTINGTON BEACH CA 92647		
Equipment Desc :	AFTERBURNER, DIRECT FLAME		

Equipment Type :	CONTROL			Fee Charged by:	C-CAT
B-CAT NO. :	000000	C-CAT NO:	05	Fee Schedule:	D
Facility Zone :	18	Deemed Compl. Date:	9/30/2010	Public Notice:	NO

Evaluation Type :	CHANGE OF CONDITIONS, ACTUAL OPER. COND. (PO)	Small Business:	☐
Disposition :	Approve PO, Recommended by Engineer	Higher Fees for Failing to Obtain a Permit:	☐
Lead Appl. No :		Identical Permit Unit:	☐

Air quality Analysis			$0.00	Filing Fee Paid:	$0.00
E.I.R			$0.00	Permit Processing Fee Paid:	$684.58
Health Risk Assessment			$0.00	Permit Processing Fee Calculated*:	$684.58
Public Notice Preparation Fee			$0.00	Permit Processing Fee Adjustment:	$0.00
Public Notice Publication Fee			$0.00		
Expedited Processing	Hours:	0.00	$0.00		
Source Test Review	Hours:	0.00	$0.00		
Time & Material	Hours:	0.00	$0.00		
				Total Additional Fee:	$0.00
				Additional Charge:	$0.00

COMMENTS: NO ADDITIONAL FEES REQUIRED.

RECOMMENDED BY: BELINDA C WAN DATE: 09/14/2012

REVIEWED BY: CDR DATE: 9/26/12

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

SCAQMD PERMIT PROCESSING SYSTEM (PPS)

AEIS DATA SHEET

Company Name : CHEVRON PRODUCTS COMPANY
Facility ID : 800302
Equipment Address : 17881 GOTHARD ST
HUNTINGTON BEACH CA 92647

Application Number : 514139
Equipment B-Cat :
Estimated Completion Date : 09/14/12
Equipment C-Cat : 05
Equipment Type : Control
Equipment Description : AFTERBURNER, DIRECT FLAME

	Emissions	
Emittants	R1 LB/HR	R2 LB/HR
CO	1.04	1.04
NOX	0.70	0.70
PM	0.09	0.09
PM10	0.09	0.09
SOX	0.05	0.05

Applicable Rules

401	11/09/2001	Visible Emissions
402	05/07/1976	Nuisance
462	05/14/1999	Organic Liquid Loading
463	11/04/2011	Organic Liquid Storage
60SubpartXX	12/19/2003	Bulk Gasoline Terminals

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Daily Start Times :	00:00	00:00	00:00	00:00	00:00	00:00	00:00
Daily Stop Times :	24:00	24:00	24:00	24:00	24:00	24:00	24:00

User's Initials : BW01 Date: 09/14/12 Supervisor's Name : Coy Review Date : 9/26/12

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

Application No:	514139
Application Type:	Change of Conditions: No Engineering Evaluation/Ad
Application Status:	PENDAPPRV
Previous Apps,Dev,Permit #:	372366, 0 - ,, NONE

Company Name:	CHEVRON PRODUCTS COMPANY
Company ID:	800302
Address:	17881 GOTHARD ST,HUNTINGTON BEACH, CA 926
RECLAIM:	NO
RECLAIM Zone:	01
Air Basin:	SC
Zone:	18
Title V:	YES

Device ID:	0 - AFTERBURNER
Estimated Completion Date:	06-30-2011
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:	52
Operating Days Per Week:	7
Monday Operating Hours:	00:00 to 24:00
Tuesday Operating Hours:	00:00 to 24:00
Wednesday Operating Hours:	00:00 to 24:00
Thursday Operating Hours:	00:00 to 24:00
Friday Operating Hours:	00:00 to 24:00
Saturday Operating Hours:	00:00 to 24:00
Sunday Operating Hours:	00:00 to 24:00

Emittant: CO
BACT:
Cost Effectiveness: NO
Source Type: MINOR
Emis Increase: 0.31
Modeling: N/A
Public Notice: N/A
CONTROLLED EMISSION
Max Hourly: 1.04 lbs/hr
Max Daily: 24.96 lbs/day
UNCONTROLLED EMISSION
Max Hourly: 1.04 lbs/hr
Max Daily: 24.96 lbs/day
CURRENT EMISSION
BACT 30 days Avg: 25.31 lbs/day
Annual Emission: 9085.44 lbs/yr
District Exemption: None

Emittant: NOX
BACT:
Cost Effectiveness: NO
Source Type: MINOR
Emis Increase: -0.26
Modeling: N/A
Public Notice: N/A
CONTROLLED EMISSION
Max Hourly: 0.77 lbs/hr
Max Daily: 18.48 lbs/day
UNCONTROLLED EMISSION
Max Hourly: 0.77 lbs/hr
Max Daily: 18.48 lbs/day
CURRENT EMISSION
BACT 30 days Avg: 18.74 lbs/day
Annual Emission: 6726.72 lbs/yr
District Exemption: None

Emittant: PM
BACT:
Cost Effectiveness: NO
Source Type: MINOR
Emis Increase: 0.19
Modeling: N/A
Public Notice: N/A
CONTROLLED EMISSION
Max Hourly: 0.09 lbs/hr
Max Daily: 2.16 lbs/day
UNCONTROLLED EMISSION
Max Hourly: 0.09 lbs/hr
Max Daily: 2.16 lbs/day
CURRENT EMISSION
BACT 30 days Avg: 2.19 lbs/day
Annual Emission: 786.24 lbs/yr
District Exemption: None

Emittant: PM10
BACT:
Cost Effectiveness: NO
Source Type: MINOR
Emis Increase: 2.19
Modeling: N/A
Public Notice: N/A
CONTROLLED EMISSION
Max Hourly: 0.09 lbs/hr
Max Daily: 2.16 lbs/day
UNCONTROLLED EMISSION
Max Hourly: 0.09 lbs/hr
Max Daily: 2.16 lbs/day
CURRENT EMISSION
BACT 30 days Avg: 2.19 lbs/day
Annual Emission: 786.24 lbs/yr
District Exemption: None

Emittant: SOX
BACT:
Cost Effectiveness: NO
Source Type: MINOR
Emis Increase: 0.22
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: 1.22 lbs/day
Annual Emission: 436.8 lbs/yr
District Exemption: None

SUPERVISOR'S APPROVAL: CDT SUPERVISOR'S REVIEW DATE: 9/26/12

Processed By: belindaw 9/18/2012 10:34:02 AM

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20693
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING, 75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.
[RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

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4) THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5) THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6) ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7) THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8) ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9) AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10) ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11) THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

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THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13) A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL. [RULE 1303(a)(1) BACT]

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14) THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15) THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM:	RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO:	2000 PPMV, RULE 409
VOC:	0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC:	0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC:	35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT	PAGES 10	PAGE 1
ENGINEERING & COMPLIANCE DIVISION	APPL NO 389188, 389189, 389193, 514139, 540056	DATE 9-26-2012
PERMIT APPLICATION PROCESSING AND CALCULATIONS	PROCESSED BY Belinda C. Wan	CHECKED BY

EVALUATION REPORT FOR PERMITS TO OPERATE

APPLICANT'S NAME:
CHEVRON PRODUCTS COMPANY
FACILITY ID 800302
ATTN.: KENNETH YEE @ (714) 843-0866

BUSINESS MAILING ADDRESS:
17881 GOTHARD STREET
HUNTINGTON BEACH, CA 92647-6252

PERMIT MAILING ADDRESS:
17881 GOTHARD STREET
HUNTINGTON BEACH, CA 92647-6252

EQUIPMENT ADDRESS:
17881 GOTHARD STREET
HUNTINGTON BEACH, CA 92647-6252

EQUIPMENT DESCRIPTION:

APPLICATION NO. 389188 (A/N 514145, 540057)

BULK LOADING RACK NO. 1 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. TWO 4" DIESEL BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
3. THREE 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 2 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 2 AND 3)
9. SIX METERS
10. FOUR ETHANOL METERS

11. ONE GASOLINE METER

APPLICATION NO. 389189 (A/N 514146, 540058)

BULK LOADING RACK NO. 2 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. ONE 4" DIESEL BOTTOM LOADING CONNECTION, EMCO-WHEATON OR EQUIVALENT.
3. TWO 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 1 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 1 AND 3)
9. FIVE METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions: (A/N 389188, 389189) (See Sample Permit)

APPLICATION NO. 389193 (A/N 5141500)

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF :

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR
2. ONE 30-HP PUMP, 650 GPM
3. CONNECTIONS FROM ETHANOL TANK

Conditions: (A/N 389193) (See Sample Permit)

APPLICATION NO. 514139 (A/N 540059)

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions: (A/N 514139) (See Sample Permit)

APPLICATION NO. 540056

ADMINISTRATIVE TITLE V REVISION

Converting the permits to construct issued to application nos. 389188, 389189 and 389193 on June 14, 2002 for the modifications of bulk loading racks nos. 1 and 2 and the ethanol tank truck unloading rack to permits to operate and updating the equipment description of existing permit F37035 for the vapor recovery system qualifies as an administrative Title V permit revision since these conversions and equipment updates do not result in an emissions change for the facility. As an administrative Title V revision, it does not require a 45-day EPA review and no public notice distribution and participation.

BACKGROUND:

Chevron Products Company with Facility ID 800302 (Chevron) is a Title V facility but not a RECLAIM facility. The company operates a petroleum products bulk loading terminal at 17881 Gothard Street, Long Beach, CA 92647. Loading racks nos. 1 and 2 were issued permits to construct under application nos. 389188 and 389189 on June 14, 2002 for modifications of existing permits F37036 and F37037 to add ethanol loading pump and ethanol meters because ethanol tank truck unloading rack was added to the

petroleum products bulk loading terminal. The ethanol tank truck unloading rack was also issued a permit to construct under application no. 389193 on June 14, 2002.

The facility submitted on June 29, 2012 application nos. 540057 and 540058 to modify loading /unloading racks nos. 1 and 2 with existing permits F37036 and F37037. Application no. 540058 was filed to modify the vapor control system by updating the equipment descriptions of existing permit F37035 and application no. 540056 was filed for an administrative Title V permit revision.

Chevron also submitted on August 31, 2010 application nos. 514145 and 514146 for administrative change of permit conditions for loading racks nos. 1 and 2 by updating the equipment descriptions of existing permits F37036 and F37037. Application no. 514139 was filed for administrative change to the vapor recovery system by updating the equipment descriptions of existing permit F37035 and application no. 514150 for administrative change of condition for the ethanol tank truck unloading rack. However, application nos. 389188, 389189, and 389193 which were issued permits to construct for bulk loading racks nos. 1 and 2 and ethanol tank truck unloading rack will be converted to permits to operate while application nos. 514145, 514146, and 514150 will be cancelled except application no. 514139 which will be processed as administrative change to the vapor recovery system. The latest subsequent applications, 540057, 540058, and 540059 which were submitted on June 29, 2012 for modifications to existing bulk loading/unloading racks nos. 1 and 2 and existing vapor recovery system by updating the equipment descriptions of the current permits will also be cancelled except for application no. 540056 which will be processed as administrative Title V revision. Therefore, the Title V grouping for application no. 540056 will include the conversion of the permits to construct issued under application nos. 389188, 389189, 389193 for the bulk loading racks nos. 1 and 2 and the ethanol tank truck unloading rack to permits to operate and application no. 514139 which will be processed for permit to operate by updating the equipment description of the vapor recovery system and the cancellation of application nos. 514145 and 514146. The revision under application no. 540056 will also include equipment updates for bulk loading racks no. 1 and no. 2 that are common to bulk loading rack no. 3 for which a De Minimus Significant Revision to Section D was issued on 2-15-2012, after an EPA 45 day review of the proposed changes.

According to the New Source Review database, Chevron Products Company with Facility ID 800302 has potential to emit 25 lb per day of CO, 19 lb per day of NOx, 0 lb per day of PM_{10}, 254.2 lb per day of ROG, and 1 lb per day of SOx. Facility ID 800302 does not belong to the RECLAIM program.

PROCESS DESCRIPTION:

Chevron Products Company with Facility ID 800302 has been operating bulk loading racks nos. 1 and 2 under permits F37036 and F37037 and a vapor recovery system under permit F37035 at 17881 Gothard Street, Long Beach, CA 92647. Bulk loading/unloading racks nos. 1 and 2 were modified by permits to construct issued to application nos. 389188 and 389189 on June 14, 2002 by the addition of an ethanol loading pump and ethanol meters due to the installation of a new ethanol tank truck unloading rack which was also issued a permit to construct for application no. 389193 on June 14, 2002. Ethanol is used to replace MTBE as part of the additive to the various grades of gasoline. Application no. 514139 was filed for administrative change to the vapor recovery system by updating the equipment descriptions of existing

permit F37035. The equipment updates occurred during the original installation and the initial construction drawings were incorrect. Chevron Terminal Manager Ken Yee has confirmed that requested changes were due to minor changes which occurred during the original construction, and which were not reflected in the original drawing. Application no. 540056 which was submitted on June 29, 2012 will be processed as administrative Title V revision together with application nos. 389188, 389189, 389193 and 514139.

EMISSION SOURCES:

Emissions of ROG from the operation of loading/unloading racks nos. 1 and 2 are vented to a 30 MMBtu per hour afterburner while the operation of the ethanol tank truck unloading rack results in fugitive ROG emissions.

MAJOR APPLICABLE RULES AND REGULATIONS:

Operation of loading racks nos. 1 and 2, the ethanol tank truck unloading rack and the vapor recovery system is subject to Rule 401 for Visible Emissions, Rule 402 for Nuisance, Rule 404 for Particulate Matter – concentration, Rule 409 for Combustion Contaminants, Rule 462 for Organic Liquid Loading, Rule 463 for Organic Liquid Storage, Rule 466 for Pumps and Compressors, Rule 466.1 for Valves and Flanges, Rule 1173 for Control of Volatile Organic Compound Leaks and Releases from Components at Petroleum* Facilities and Chemical Plants, Rule 1401 for New Source Review of Toxic Air Contaminants, and 40 CFR 63 Subpart XX for National Standards for Gasoline Distribution Facilities.

* BACT for new components references R1173 requirements

EMISSION CALCULATIONS

1. Application No. 389188/ 514145/540057 – Bulk Loading/Unloading Rack No. 1

2. Application No. 389189/540058//514146 – Bulk Loading/Unloading Rack No. 2

Operating schedule: 24 hours per day, 7 days per week, 52 weeks per year

ROG emissions from the operation of each bulk loading/unloading rack as calculated in the P/C evaluation under application nos. 389188 and 389189 remain the same for the P/O since no change in emissions is expected for the P/O and the subsequent modification to update the equipment description of each bulk loading rack.

Uncontrolled ROG emissions from the operation of each bulk loading rack before modification = 38.00 lb per day

Controlled ROG emissions from the operation of each bulk loading rack before modification = 38.00 lb per day

Uncontrolled ROG emissions from the operation of each bulk loading rack after modification = 1.73 lb per hour = 41.52 lb per day

Controlled ROG emissions from the operation of each bulk loading rack after modification = 1.73 lb per hour = 41.52 lb per day = 15,113.52 lb per year

ROG emission increase due to the modification of each loading rack by the addition of ethanol loading pump and ethanol meters = 4 lb per day

No offsets were required for the ROG emission increase of 4 lb per day because the loading racks were modified to comply with the oxygenate requirements of the CARB Phase 3 specifications for reformulated gasoline without MTBE.

3. Application No. 389193/514150 - Ethanol Tank Truck Unloading Rack

Operating schedule: 24 hours per day, 7 days per week, 52 weeks per year

ROG emissions from the operation of ethanol tank truck unloading rack as calculated in the P/C evaluation under application no. 389193 remain the same for the P/O since no change in emissions are expected for the P/O.

Uncontrolled ROG emissions from the operation of ethanol tank truck loading rack = 0.06 lb per hour = 1.44 lb per day

Controlled ROG emissions from the operation of each bulk loading rack = 0.06 lb per hour = 1.44 lb per day

Emission offset was not required for ROG emission increase of 1 lb per day from the addition of the ethanol loading rack because the ethanol loading rack was installed to comply with the oxygenate requirements of the CARB Phase 3 specifications for reformulated gasoline without MTBE,

4. Application No. 514139/540059 - 30 MMBtu per Hour Afterburner

Operating schedule: 24 hours per day, 7 days per week, 52 weeks per year

Application no. 514139 was submitted for administrative change to the vapor recovery system to update the equipment description of existing permit F37035. The P/O to be issued for A/N 514139 includes the update of the equipment description but emissions of air contaminants from the operation of the afterburner venting storage tanks nos. 471 and 476 and bulk loading facility will remain the same as the existing permit F37035.

Uncontrolled emissions of CO from the operation of the afterburner before modification = Controlled emissions of CO from the operation of the afterburner before modification = 1.04 lb per hour = 24.96 lb per day = 9,110.04 lb per year

Uncontrolled emissions of NOx from the operation of the afterburner before modification = Controlled emissions of NOx from the operation of the afterburner before modification = 0.77 lb per hour = 18.48 lb per day = 6,745.2 lb per year

Uncontrolled emissions of PM from the operation of the afterburner before modification = Controlled emissions of PM from the operation of the afterburner before modification = 0.09 lb per hour = 2.16 lb per day = 788.4 lb per year

Uncontrolled emissions of SOx from the operation of the afterburner before modification = Controlled emissions of SOx from the operation of the afterburner before modification = 0.05 lb per hour = 1.20 lb per day = 436.8 lb per year

Uncontrolled emissions of CO from the operation of the afterburner after modification = Controlled emissions of CO from the operation of the afterburner after modification = 1.04 lb per hour = 24.96 lb per day = 9,110.04 lb per year

Uncontrolled emissions of NOx from the operation of the afterburner after modification = Controlled emissions of NOx from the operation of the afterburner after modification = 0.77 lb per hour = 18.48 lb per day = 6,745.2 lb per year

Uncontrolled emissions of PM from the operation of the afterburner after modification = Controlled emissions of PM from the operation of the afterburner after modification = 0.09 lb per hour = 2.16 lb per day = 788.4 lb per year

Uncontrolled emissions of SOx from the operation of the afterburner after modification = Controlled emissions of SOx from the operation of the afterburner after modification = 0.05 lb per hour = 1.20 lb per day = 436.8 lb per year

EVALUATION OF COMPLIANCE WITH MAJOR RULES AND ISSUES:

Specific compliance with the following rules is discussed below:

Rule 212 *11/14/97*

Standards for Approving Permits and Issuing Public Notices

Rule 212 requires public notice for the construction of a new source at a facility if 1) it is located within 1000 feet of a school; 2) any emission increase exceeds the daily maximums as specified in subsection (g) of this rule; or 3) any emission increase in toxic air contaminants for which a person may be exposed to a Maximum Individual Cancer Risk (MICR) of 1 in a million or greater . This project is not a significant project since the bulk loading/unloading racks nos. 1 and 2 and the vapor recovery system venting storage tanks nos. 471 and 476 and the bulk loading facility is not located within 1000 ft. of any school and maximum individual cancer risk from its operation is limited to less than one-per-million and emission increase of criteria air contaminants does not exceed the maximum daily limit in subsection (g) of this rule. Hence, no public notice is required based on Rule 212.

Rule 401
11/09/01

Visible Emissions

Based on experience with similar equipment, operation of the bulk loading/unloading racks nos. 1 and 2, the ethanol tank truck unloading rack and the vapor recovery system venting storage tanks nos. 471 and 476 and the bulk loading facility is expected to comply with visible emission limits.

Rule 402
05/07/76

Nuisance

This rule prohibits the discharge of air contaminants that cause injury, detriment, nuisance, or annoyance to a considerable number of persons; endanger the comfort, health or safety of any person; or cause injury to property. Based on experience with similar equipment, operation of the bulk loading/unloading racks nos. 1 and 2, the ethanol tank truck unloading rack and the vapor recovery system venting storage tanks nos. 471 and 476 and the bulk loading facility is not likely to create a public nuisance.

Rule 404
02/07/86

Particulate Matter – Concentration

Concentration of particulate matter from the combustion of volatile organic compounds in the afterburner complies with the particulate grain loading specified by Rule 404.

Rule 409
08/07/81

Combustion Contaminants

Concentration of CO from the combustion of volatile organic compounds in the afterburner complies with the emission limit of 2000 ppmv specified by Rule 409.

Rule 462
05/14/99

Organic Liquid Loading

Operation of the bulk loading/unloading racks nos. 1 and 2 complies with Rule 462 since the racks are vented to an afterburner for VOC emission control. The VOC emissions are reduced to less than 0.08 pound per 1000 gallons of organic liquid loaded.

Rule 463
11/04/11

Organic Liquid Storage

This rule applies to any above-ground tank with a capacity of 19,815 gallons or greater used for storing organic liquids or with a capacity of 251 gallons or greater used for storing gasoline. Emissions from the operation of the storage tanks nos. 471 and 476 are vented to an afterburner with a control efficiency of at least 95 percent by weight.

Rule 466
10/0783

Pumps and Compressors

The pumps installed for ethanol unloading rack are equipped with mechanical seals which are in compliance with the requirements specified by Rule 466.

Rule 466.1
03/16/84

Valves and Flanges

All the valves added for the modifications of bulk loading/unloading racks nos. 1 and 2 and ethanol tank truck unloading rack are in compliance with the requirements specified by Rule 466.1

Reg. XIII
11/06/02

New Source Review for VOC, CO, PM_{10}, and NH_3 Emissions

This rule applies to new, modified, or relocated sources that increase emissions of any nonattainment air contaminants, ammonia, or ozone-depleting compounds. Because no emission increase of these contaminants is expected, New Source Review (NSR) does not apply to these applications. No emission increase results from the conversion of the permits to construct issued to application nos. 389188, 389189 and 389193 on June 14, 2002 for the modifications of bulk loading racks nos. 1 and 2 and the ethanol tank truck unloading rack to permits to operate and the update of the equipment description of existing permit F37035 for the vapor recovery system venting storage tanks nos. 471 and 476 and the bulk loading facility. The bulk loading racks nos. 1 and 2 are vented to an afterburner which qualifies as BACT for VOC emission control. Furthermore, Chevron Products Company will continue to operate the bulk loading terminals to comply with BACT regarding leak control, identification, operator inspection, maintenance, and recordkeeping requirements for valves, pumps, compressors, pressure relief valves and other components where fugitive components occur as part of the project. The valves, fittings, and pumps comply with BACT by using bellow seal and double mechanical seals.

Reg. XIV
09/10/10

Toxics

Rule 1401 New Source Review of Toxic Air Contaminants

No emission increase of toxic air contaminants results from from the conversion of the permits to construct issued to application nos. 389188, 389189 and 389193 on June 14, 2002 for the modifications of bulk loading racks nos. 1 and 2 and the ethanol tank truck unloading rack to permits to operate and the update of the equipment description of existing permit F37035 for the vapor recovery system venting storage tanks nos. 471 and 476 and the bulk loading facility. The bulk loading/unloading racks nos. 1 and 2 are vented to an afterburner which qualifies as BACT for VOC emission control.

Reg. XXX
11/14/97

Title V Permits

Application no. 396948 was submitted on January 3, 2002 for an initial Title V Facility Permit and the initial Title V permit for this facility was issued effective 2/23/200. Converting the permits to construct issued to application nos. 389188, 389189 and 389193 on June 14, 2002 for the modifications of bulk loading racks nos. 1 and 2 and the ethanol tank truck unloading rack to permits to operate and updating the equipment description of existing permit F37035 for the vapor recovery system qualifies as an administrative Title V permit revision since these conversions and equipment updates do not result in an emissions change for the facility which

occurred after the initial Title V facility permit was issued. The equipment updates for bulk loading racks no. 1 and no. 2 also incorporate changes common to bulk loading rack no.3 (A/N 527454/389190) for which a De Minimus Significant Revision to Section D was issued on February 15, 2012, after a 45 day EPA review. As an administrative Title V revision, it does not require a 45-day EPA review and no public notice distribution and participation.

PART II FEDERAL REGULATIONS

40 CFR 60 Subpart XX: Standards of Performance for Bulk Gasoline Terminals

Emissions from the operation of the bulk loading terminals located at 17881 Gothard Street, Huntington Beach,, CA 92647-6252 into gasoline tank trucks do not exceed 35 milligrams of total organic compounds per liter of gasoline loaded.

CONCLUSIONS/ RECOMMENDATION

I recommend conditional permits to operate bulk loading racks nos. 1 and 2, the ethanol tank truck unloading rack and the vapor recovery system to Chevron Products Company with Facility ID 800302.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20689
A/N 389188

Equipment Description:

BULK LOADING RACK NO. 1 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. TWO 4" DIESEL BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT
3. THREE 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR.
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 2 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 2 AND 3)
9. SIX METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE,204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G 20691
A/N 389189

Equipment Description:

BULK LOADING RACK NO. 2 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. ONE 4" DIESEL BOTTOM LOADING CONNECTION, EMCO-WHEATON OR EQUIVALENT.
3. TWO 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 1 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 1 AND 3)
9. FIVE METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE; EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT. [RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20693
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.
   [RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

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4. THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5. THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6. ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7. THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8. ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9. AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10. ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11. THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE

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MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13. A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL. [RULE 1303(a)(1) BACT]

14. THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

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15. THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000 PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G 20692
A/N 389193

Equipment Description:

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF :

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR
2. ONE 30-HP PUMP, 650 GPM
3. CONNECTIONS FROM ETHANOL TANK

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

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D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1303(a)(1) BACT, RULE 1173]

4. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1173]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

Thomas Liebel

From: Yee, Kenneth (KenYee) [KenYee@chevron.com]
Sent: Monday, October 01, 2012 6:15 PM
To: Thomas Liebel
Subject: Chevron HB Facility #800302

Mr. Liebel:

Thank you for taking the time to meet us on Friday, it was my pleasure to finally meet you in person. Ellen and I really appreciate your assistance in working with us on these issues.

Per our discussion:

1. Please void and remove permit #M35094 from our Facility #800302 Title V permit.
2. Please remove permit #S03737 Tank 475 as this tank was demolished and is no longer on site.
3. Please add "sumps" to our list of Rule 219 Equipment.

Thanks again for your assistance.

Ken Yee
Transportation & Operations OE/HES Specialist

Americas OE/HES
Chevron Products LLC
17881 Gothard Street
Huntington Beach, CA 92647
Office (714) 843-0866
Cell (714) 614-4415
Fax (714) 843-5839

Belinda Wan

From: Belinda Wan
Sent: Friday, September 28, 2012 12:09 PM
To: 'Salcido, Brandon'
Subject: RE: Section D of Title V Facility Permit for your review and comments

Permit number for loading rack no. 1 is G20689. I will correct the permit number of the permit because the permit number on the list is correct. Thanks.

From: Salcido, Brandon [mailto:brandon.salcido@urs.com]
Sent: Friday, September 28, 2012 12:02 PM
To: Belinda Wan
Cc: KenYee@chevron.com; Pearson, Shirley
Subject: RE: Section D of Title V Facility Permit for your review and comments

Belinda,
I only have one correction.
Page 2 – Permitted Equipment List for Loading Rack #1 (AN 389188) reads PTO " G20689" however the permit reads PTO "G26809". Please correct.
Regarding the status of storage tank 475, I will contact Ken Yee to answer this question.

Thank you for all your effort with this project.

Respectfully,

Brandon Salcido
Environmental Scientist
Environmental Compliance Division
Direct: 714.648.2702
brandon.salcido@urs.com
URS Corporation
2020 East First Street, Suite 400
Santa Ana, CA 92705
Fax: 714.433.7701

From: Belinda Wan [mailto:BWan@aqmd.gov]
Sent: Friday, September 28, 2012 10:09 AM

To: kenyee@chevron.com; Salcido, Brandon
Subject: FW: Section D of Title V Facility Permit for your review and comments

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From: Belinda Wan
Sent: Friday, September 28, 2012 10:07 AM
To: Belinda Wan
Subject: Section D of Title V Facility Permit for your review and comments

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

Application Number	Permit to Operate Number	Equipment Description	Page Number
03103A	S03737	STO TANK NO.475/ FIX ROOF/ INT. FLOAT ROOF/CRUDE OIL	4
08097A	M35094	TANK, COVERED STEEL SEPARATOR	6
229214	D36657	CRUDE OIL/GAS/WATER SEPARATION SYS (≤5TKS)	7
389187	G14289	STORAGE TANK NO. 879 DOMED EXT. FLOATING ROOF	8
389191	F52878	STO TANK NO. 471/FIX FOOF/ VAPOR CONTROL/GASOLINE	10
389192	F52872	STO TANK NO. 476/FIX FOOF/ VAPOR CONTROL/GASOLINE	12
518030	G14285	STO TANK NO. 477 INT. FLOATING ROOF CRUDE OIL/PET.DIST.	14
527454	G16758	BULK LOAD/UNLOAD RACK #3 (>200,000G/D) GASOLINE	18
527894	G16756	STORAGE TANK NO. 872/DOMED EXT. FLOATING ROOF	20
389188	~~G20689~~ G26809	BULK LOADING/UNLOAD RACK NO. 1(>200,000G/D) GASOLINE	22
389189	G20691	BULK LOADING/UNLOAD RACK NO. 2(>200,000G/D) GASOLINE	25
389193	G20692	ETHANOL TANK TRUCK UNLOADING RACK	28
514139	G20693	AFTERBURNER (DIRECT FLAME)	30
		RULE 219 EXEMPT EQUIPMENT	34

NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

FACSIMILE TRANSMITTAL FORM

Number of Pages (including cover page): 37

DATE: 9-28-2012 TIME: _____

TO: Kenneth Yee / Brandon Salcido PHONE #: (714) 843-0866

COMPANY: Chevron Products Company FAX #: (714) 843-5839

FROM: Belinda C. Wan PHONE #: (909) 396-2537

FAX #: (909) 396-3341

SUBJECT: Section D of Title V Facility Permit

MESSAGE: Please check if all equipment operating at the facility are included in Section D of Title V Facility Permit. If all equipment operating at the facility are included in Section D of Title V Facility Permit, then Section H of Title V Facility Permit will no longer be necessary.

Is storage tank no. 475 still operating at the facility? Please check on this tank and let me know.

You may call the person indicated below if communication has not been fully received:

_____ (909) 396-_____

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

Application Number	Permit to Operate Number	Equipment Description	Page Number
03103A	S03737	STO TANK NO.475/ FIX ROOF/ INT. FLOAT ROOF/CRUDE OIL	4
08097A	M35094	TANK, COVERED STEEL SEPARATOR	6
229214	D36657	CRUDE OIL/GAS/WATER SEPARATION SYS (≤5TKS)	7
389187	G14289	STORAGE TANK NO. 879 DOMED EXT. FLOATING ROOF	8
389191	F52878	STO TANK NO. 471/FIX FOOF/ VAPOR CONTROL/GASOLINE	10
389192	F52872	STO TANK NO. 476/FIX FOOF/ VAPOR CONTROL/GASOLINE	12
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527454	G16758	BULK LOAD/UNLOAD RACK #3 (>200,000G/D) GASOLINE	18
527894	G16756	STORAGE TANK NO. 872/DOMED EXT. FLOATING ROOF	20
389188	G20689	BULK LOADING/UNLOAD RACK NO. 1(>200,000G/D) GASOLINE	22
389189	G20691	BULK LOADING/UNLOAD RACK NO. 2(>200,000G/D) GASOLINE	25
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514139	G20693	AFTERBURNER (DIRECT FLAME)	30
		RULE 219 EXEMPT EQUIPMENT	34

NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Facility Equipment and Requirements
(Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

FACILITY WIDE CONDITION(S)

Condition(s):

1. THE SULFUR CONTENT OF DIESEL FUEL USED AT OR SUPPLIED BY THE THIS FACILITY SHALL COMPLY WITH THE LIMITS SPECIFIED IN AQMD RULE 431.2.
[RULE 431.2]

2. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:

   A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR

   B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.

   [RULE 401]

3. THE OPERATOR SHALL COMPLY WITH THE MINOR SOURCE REQUIREMENTS OF 40CFR63 SUBPART R.
[40CFR63 SUBPART R]

4. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

   RULE 1173.
   40CFR63 SUBPART BBBBBB

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. S03737
A/N 03103A

Equipment Description:

STORAGE TANK NO. 475, CRUDE OIL, 90'-O" DIA. x 30'-0" H, 33,360 BBL CAPACITY, RIVETED SHELL, PAN INTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE ORGANIC VAPOR CONCENTRATION IN THE SPACE BETWEEN THE INTERNAL PAN AND FIXED ROOF MUST NOT BE GREATER THAN 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT PROPERTY OF THE ORGANIC LIQUID BEING STORED. COMPLIANCE SHALL BE VERIFIED USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE ANNUALLY AT 4 TO 8 MONTH INTERVALS. THE EXPLOSIMETER SHALL BE IN GOOD WORKING CONDITION AND CALIBRATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
[RULE 463]

4) THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 mm Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

5) THE TANK SHALL BE INSPECTED TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS ACCORDING TO PROCEDURES AND GUIDELINES SET FORTH IN ATTACHMENT B - "INSPECTION PROCEDURES AND COMPLIANCE REPORT FORM" OF RULE 463
[RULE 463]

6) THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

7) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC : RULE 463
VOC: RULE 1149

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. M35094
A/N 08097A

Equipment Description:

PRODUCT SUMP FACILITY CONSISTING OF:

1. COVERED STEEL SEPARATOR TANK, 4'-0"W. X 6'-0"L. X 3'-0" DEEP.
2. UNDERGROUND SUMP TANK, 5'-0"DIA. X 8'-0"H.
3. TRANSFER PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 H.P

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

3) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC : RULE 464

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. D36657
A/N 229214

Equipment Description:

OIL/WATER SEPARATION SYSTEM, CONSISTING OF:

1. ADDITIVE TANK, 7'-11"DIA. X 27'-0"L., 10,000 GALLONS CAPACITY.
2. OIL/WATER SEPARATOR, 4'-0"W X 4'-0"L X 4'-0"D, COVERED
3. SLOPS VESSEL, 7'-11"DIA. X 27'-0"L, 10,000 GALLON CAPACITY.
4. TRANSFER PUMP WITH MECH. SEAL, 1-1/2 H.P. (COMMON TO VR SYSTEM).
5. WASTE WATER PUMP, 10 H.P.
6. ADDITIVE UNLOADING PUMP WITH MECHANICAL SEAL, 5 H.P.
7. ADDITIVE INJECTION PUMP WITH MECHANICAL SEAL, 2 H.P.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

3) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 464

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G14289
A/N 389187

Equipment Description:

ETHANOL STORAGE TANK NO. 879, 38'-0"DIA. X 40'-0"H., DOUBLE DECK TYPE, EXTERNAL FLOATING ROOF TYPE WITH GEODOSIC DOME, 7,976 BARREL CAPACITY, WELDED SHELL, WITH A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A REID VAPRO PRESSURE OF GREATER THAN 4.5 PSIA.
[RULE 1303(b)(2) OFFSET, RULE 1304(c)(4) REGULATORY COMPLIANCE]

4) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 126,000 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, AND 3 SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSET, RULE 1304(c)(4) REGULATORY COMPLIANCE]

5) THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT TO SHOW COMPLIANCE WITH CONDITIONNO. 4. SUCH RECORDS SHALL BE MAINTAIED AND KEPT ON FILE AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 463, 40 CFR60 SUBPART Kb]

6) THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE DOME VAPRO SPACE ON AT LEAST SEMIANNUAL BASIS.
[RULE 204]

7) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE VAPOR LOWER EXPLOSIVE LIMIT.
[RULE 204]

Periodic Monitoring: **NONE**

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC:	95% EFFICIENCY, RULE 463
VOC:	RULE 1149
VOC/TOC:	40CFR60 SUBPART Kb

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. F52878
A/N 389191

Equipment Description:

STORAGE TANK NO. 471, 95'-7"DIA. X 30-0"H., FIXED ROOF, 36,694 BARREL CAPACITY, WITH VENT CONNECTION TO VAPOR RECOVERY SYSTEM.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THIS TANK SHALL BE VENTED ONLY TO A VAPOR CONTROL SYSTEM WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 463, 40CFR60 SUBPART Kb]

4) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 512,468 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, AND 3 SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1303(b)(2) OFFSETS]

5) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING AN AVERAGE TRUE VAPOR PRESSURE OF GREATER THAN 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

6) THE TANK SHALL BE INSPECTED TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS ACCORDING TO PROCEDURES AND GUIDELINES SET FORTH IN ATTACHMENT B - "INSPECTION PROCEDURES AND COMPLIANCE REPORT FORM" OF RULE 463
[RULE 463].

7) THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

Periodic Monitoring: **NONE**

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC: 95% EFFICIENCY, RULE 463
VOC: RULE 1149
VOC/TOC: 40CFR60 SUBPART Kb

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. F52872
A/N 389192

Equipment Description:

STORAGE TANK NO. 476, 90-0"DIA. X 30'-0"H., FIXED ROOF, 34,000 BARREL CAPACITY, WITH VENT CONNECTION TO VAPOR RECOVERY SYSTEM.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THIS TANK SHALL BE VENTED ONLY TO A VAPOR CONTROL SYSTEM WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
[RULE 463, 40CFR60 SUBPART Kb]

4) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 932,539 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, AND 3 SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART Kb]

5) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING AN AVERAGE TRUE VAPOR PRESSURE OF GREATER THAN 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

6) THE TANK SHALL BE INSPECTED TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS ACCORDING TO PROCEDURES AND GUIDELINES SET FORTH IN ATTACHMENT B - "INSPECTION PROCEDURES AND COMPLIANCE REPORT FORM" OF RULE 463
[RULE 463].

7) THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

Periodic Monitoring: **NONE**

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC: 95% EFFICIENCY, RULE 463
VOC: RULE 1149
VOC/TOC: 40CFR60 SUBPART Kb

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G14285
A/N 518030

Equipment Description:

STORAGE TANK NO. 477, CRUDE OIL AND PETROLEUM DISTILLATES, INTERNAL FLOATING ROOF, 35'-0"DIA. X 40'-0"H., 6254 BBL WORKING CAPACITY, WELDED INTERNAL FLOATING ROOF WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A RIM MOUNTED, WIPER TYPE SECONDARY SEAL

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) DURING ANY TIME WHEN THE TANK IS EMPTIED AFTER HAVINF LAST CONTAINED A VOC WITH A REID VAPOR PRESSURE GREATER THAN 0.5 PSIA AND THE FLOATING ROOF WILL REST ON ROOF LEGS, THIS TANK SHALL MEE THE REQUIREMENTS REGARDING THE VENTING, DEGASSING, OR VAPOR TIGHT PROVISIONS OF RULE 1149 AS APPLICABLE.
[RULE 1149]

4) THIS TANK SHALL BE EMPTIED AND REFILLED ACCORDING TO THE REQYIREMENTS OF RULE 1149 AND RULE 463.
[RULE 463, RULE 1149]

5) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIME (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 463]

6) THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT OF CRUDE OIL AND/OR PETROLEUM DISTILLATES TO A COMBINED TOTAL OF NO MORE THAN THE 132,898 BARRELS PER CALENDAR MONTH. THE OPERATOR SHALL KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION AND MAKE THEM AVAILABLE UPON REQUEST.
[RULE 1303(b)(2) – OFFSET, RULE 1401]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

7) THE REID VAPOR PRESSURE (RVP) OF CRUDE OIL STORED IN TANK NO. 477 SHALL NOT EXCEED RVP 6 PSIA FOR ANY CALENDAR MONTH. THE OPERATOR SHALL PERFORM AT LEAST ONE RVP TEST OF THE CRUDE OIL STORED IN TANK 477 AND KEEP AT LEAST ONE TEST RESULT ON FILE.
[RULE 1303(b)(2) – OFFSET, RULE 1401, RULE 3004(a)(4)]

8) THE REID VAPOR PRESSURE (RVP) OF PETROLEUJM DISTILLATES STORED IN TANK NO. 477 SHALL NOT EXCEED:

A. RVP 13 PSIA FOR THE CALENDAR MONTHS OF NOVEMBER THROUGH MARCH

B. RVP 7 PSIA FOR THE CALENDAR MONTHS OF.APRIL THROUGH OCTOBER

THE OPERATOR SHALL KEEP DAILY RECORDS OF TANK CONTENTS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) – OFFSET, RULE 1401]

9) THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

THE OPERATOR SHALL CALCULATE THE THROUGHPUT IN BARRELS, BY THE FOLLOWING EQUATION: 0.14 x D x D X L, WHERE D IS THE DIAMETER OF THE TANK IN FEET BASED ON THE TANK STRAPPING CHART AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL IN FEET PER MONTH.

THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER HOUR.

THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.

THE OPERATOR SHALL VERIFY THE ATLG ACCURACY ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE SMITH MODEL F4-S1, 4 INCH POSITIVE DISPLACEMENT METER (OR EQUIVALENT) INSTALLED ON THE TANK OUTLET.
[RULE 1149]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

10) REFILLING OR DEGASSING OPERATIONS OR OTHER OPERATION WHERE THE FLOATING ROOF WILL REST ON ITS LEGS SHALL BE RECORDED AND MAINTAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST. SUCH RECORDS SHALL INCLUDE, BUT NOT LIMITED TO THE TANK IDENTIFICATION AND TIME OF START AND FINISH OF OPERATION BEFROE AND AFTER THE OPERATION.
[RULE 1149]

11) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPIANCE WITH THE LIMITATIONS SPECIFIED INTHIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, RULE 1149, 40CFR 60 SUBPART Kb, 40 CFR 63 SUBPART BBBBBB]

12) ALL NEW VALVES AND MAJOR COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173 EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE DISTINCTLY IDENTIFIED FROM OTHER COMPONENTS THROUGH THEIR TAG NIMBERS (E.G., NUMBERS ENDING IN THE LETTER "N"), AND SHALL BE NOTED IN THE RECORDS.
[RULE 1303(a)(1)-BACT]

13) ALL NEW COMPONENTS IN VOC SERVICE AS DEFINED BY RULE 1173, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED BY RULE 1173 SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.
[RULE 1173]

14) IF 98.0 PERCENT OR GREATER OF THE NEW (NON-LEAKLESS TYPE) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 200 PPMV FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR MAY CHANGE TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2) – OFFSET]

15) ALL NEW COMPONENTS IN VOC SERVICE WITH A LEAK GREATER THAN 200 PPMV BUT LESS THAN 1,000 PPMV MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF DEVICE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER WHICH ARE NOT EXEMPTED BY RULE 1173.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2) – OFFSET]

16) THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (QUARTERLY WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IN A MANNER APPROVED BY THE DISTRICT. RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST TWO YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	40 CFR 60 SUBPART Kb
HAP/TOC:	40 CFR 63 SUBPART BBBBBB

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO CONSTRUCT/OPERATE

Permit No. G16578
A/N 527454

Equipment Description:

MODIFICATION OF LOADING RACK NO.3 CONSISTING OF:

1) FOUR 4" EMCO-WHEATON GASOLINE BOTTOM LOADING CONNECTIONS.2) TWO 4" EMCO-WHEATON GASOLINE VAPOR RETURN CONNECTIONS.

3) TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACK NOS. 1 & 2), EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 40 HP MOTOR.

4) TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACK NOS. 1 & 2), EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 40 HP MOTOR.

5) TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACK NOS. 1 & 2), EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 50 HP MOTOR

6) ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACK NOS. 1 & 2), EQUIPPED WITH MECHANICAL SEAL, AND A 60 HP MOTOR.

7) EIGHT VELCON TYPE FILTERS (COMMON TO LOADING RACK NOS. 1 & 2).

8) FOUR METERS.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE COMBINED PRODUCT THROUGHPUT OF LOADING RACK NOS. 1, 2 & 3 WHEN NO LOADING OF TANK 471 AND/OR TANK 476 IS UNDERTAKEN DURING THE SAME DAY SHALL NOT EXCEED 2,664,160 GALLONS/DAY. IF BOTH LOADING RACK OPERATION AND LOADING OF TANK 471 AND/OR TANK 476 ARE UNDERTAKEN THE SAME DAY, THEIR TOTAL COMBINED PRODUCT THROUGHPUT SHALL NOT EXCEED 3,232,000 GALS/DAY.
[RULE 1303(b)(2) OFFSETS]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

4) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, RULE 1303(a)(1) BACT, 40CFR60 SUBPART XX]

5) RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORDS AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1173]

6) A THROUGHPUT LOG, FOR LOADING RACKS NOS. 1, 2, AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

Periodic Monitoring: NONE

Emissions and Requirements:

7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303(b)(2) OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G16756
A/N 527894

Equipment Description:

STORAGE TANK NO. 872, 58'-0" DIA. X 40'-0"H., PONTOON TYPE, EXTERNAL FLOATING ROOF WITH GEODOSIC DOME, 17,900 BARREL CAPACITY, WELDED SHELL, WITH A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THIS TANK SHALL ONLY BE USED FOR STORAGE OF PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS INCLUDING OXYGENATES SUCH AS FUEL ETHANOL. THE REID VAPOR PRESSURE OF STORAGE PRODUCTS IN TANK 872 SHALL NOT EXCEED RVP 13.
[RULE 1303(b)(2) OFFSET]

4) THE THROUGHPUT FOR THIS TANK SHALL NOT EXCEED 350,000 BARRELS IN ANY CALENDAR MONTH. RECORDS ON THE DAILY THROUGHPUT OF THE EQUIPMENT, AND THE CUMULATIVE THROUGHPUT FOR THE CALENDAR MONTH SHALL BE MAINTAINED AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, RULE 1303(b)(2) OFFSET, 40 CFR 60 SUBPART Kb]

5) THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE DOME VAPOR SPACE ON AT LEAST SEMIANNUAL BASIS.
[RULE 204]

6) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE VAPOR LOWER EXPLOSIVE LIMIT.
[RULE 204]

7) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND MADE AVAILABLE TO THE EXECUTIVE OFFCER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 463, 40 CFR 60 SUBPART Kb]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Periodic Monitoring: **NONE**

Emissions and Requirements:

8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC/TOC:	40CFR60 SUBPART Kb

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G26809
A/N 389188

Equipment Description:

BULK LOADING RACK NO. 1 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. TWO 4" DIESEL BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT
3. THREE 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 2 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 2 AND 3)
9. SIX METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20691
A/N 389189

Equipment Description:

BULK LOADING RACK NO. 2 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. ONE 4" DIESEL BOTTOM LOADING CONNECTION, EMCO-WHEATON OR EQUIVALENT.
3. TWO 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 1 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS OR EQUIVALENT (COMMON TO LOADING RACKS NOS. 1 AND 3)
9. FIVE METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20692
A/N 389193

Equipment Description:

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF :

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR
2. ONE 30-HP PUMP, 650 GPM
3. CONNECTIONS FROM ETHANOL TANK

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1303(a)(1) BACT, RULE 1173]

4. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1173]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. G20693
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.
   [RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

4. THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5. THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6. ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7. THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8. ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9. AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10. ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11. THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

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THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13. A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL. [RULE 1303(a)(1) BACT]

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CHEVRON PRODUCTS COMPANY

14. THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15. THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000 PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

Conditions:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

   FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

   FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.
   [RULE 109, RULE 1113]

Periodic Monitoring: **NONE**

Emissions and Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

   VOC: RULE 1113 (SEE APPENDIX B FOR EMISSION LIMITS)
   VOC: RULE 1171 (SEE APPENDIX B FOR EMISSION LIMITS)

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ADDITIVE TANKS, WASTEWATER TANKS
Conditions:

Periodic Monitoring: **NONE**

Emissions and Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

   RULE 463

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PUMPS AND COMPRESSORS
Conditions:

Periodic Monitoring: **NONE**

Emissions and Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

   RULE 466

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

FACSIMILE TRANSMITTAL FORM

Number of Pages (including cover page): 4

DATE: 9-27-2012 TIME: _____

TO: Kenneth Yee / Brandon Salcido PHONE #: (714) 843-0866

COMPANY: Chevron Products Company FAX #: (714) 843-5839

FROM: Belinda C. Wan PHONE #: (909) 396-2532

FAX #: (909) 396-3341

SUBJECT: Table of Contents of Section D of Title V Permit

MESSAGE: Is storage tank no. 475 still operating at the facility? Please check on this tank and let me know.

You may call the person indicated below if communication has not been fully received:

_____ (909) 396-_____

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

NOTE: ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. S03737
A/N 03103A

Equipment Description:

STORAGE TANK NO. 475, CRUDE OIL, 90'-O" DIA. x 30'-0" H, 33,360 BBL CAPACITY, RIVETED SHELL, PAN INTERNAL FLOATING ROOF, WITH A SHOE TYPE PRIMARY SEAL.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) THE ORGANIC VAPOR CONCENTRATION IN THE SPACE BETWEEN THE INTERNAL PAN AND FIXED ROOF MUST NOT BE GREATER THAN 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT PROPERTY OF THE ORGANIC LIQUID BEING STORED. COMPLIANCE SHALL BE VERIFIED USING AN EXPLOSIMETER OR EQUIVALENT DEVICE AT LEAST TWICE ANNUALLY AT 4 TO 8 MONTH INTERVALS. THE EXPLOSIMETER SHALL BE IN GOOD WORKING CONDITION AND CALIBRATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
[RULE 463]

4) THIS TANK MUST NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 mm Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

5) THE TANK SHALL BE INSPECTED TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS ACCORDING TO PROCEDURES AND GUIDELINES SET FORTH IN ATTACHMENT B - "INSPECTION PROCEDURES AND COMPLIANCE REPORT FORM" OF RULE 463
[RULE 463]

6) THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

7) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC : RULE 463
VOC: RULE 1149

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 · www.aqmd.gov

FACSIMILE TRANSMITTAL FORM

Number of Pages (including cover page): 13

DATE: 9-18-2012 TIME: _____

TO: Kenneth Yee PHONE #: (714) 843-0866

COMPANY: Chevron Products Company FAX #: (714) 843-5839

FROM: Belinda C. Wan PHONE #: (909) 396-2532

FAX #: (909) 396-3341

SUBJECT: Draft Permits to Operate

MESSAGE: For your review and comments

You may call the person indicated below if communication has not been fully received:

_____ (909) 396-_____

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. ——
A/N 389188

Equipment Description:

BULK LOADING RACK NO. 1 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. TWO 4" DIESEL BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
3. THREE 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 2 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS (COMMON TO LOADING RACKS NOS. 2 AND 3)
9. SIX METERS ,or equivalent
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1)BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

8. 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. ——
A/N 389189

Equipment Description:

BULK LOADING RACK NO. 2 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. ONE 4" DIESEL BOTTOM LOADING CONNECTION, EMCO-WHEATON OR EQUIVALENT.
3. TWO 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 1 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS (COMMON TO LOADING RACKS NOS. 1 AND 3)
9. FIVE METERS ,or equivalent
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
[RULE 1303 (b)(2) - OFFSETS]

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. ----
A/N 389193

Equipment Description:

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF :

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR
2. ONE 30-HP PUMP, 650 GPM
3. CONNECTIONS FROM ETHANOL TANK

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1) BACT, RULE 1173]

4. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1173]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. ------
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.

[RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

4. THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5. THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6. ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7. THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8. ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9. AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10. ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11. THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT

OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13. A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL.
[RULE 1303(a)(1) BACT]

14. THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15. THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000 PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 • www.aqmd.gov

FACSIMILE TRANSMITTAL FORM

Number of Pages (including cover page): 13

DATE: 9-18-2012 TIME: _____

TO: Kenneth Yee PHONE #: (714) 843-0866

COMPANY: Chevron Products Company FAX #: (714) 843-5839

FROM: Belinda C. Wan PHONE #: (909) 396-2532

FAX #: (909) 396-3341

SUBJECT: Draft Permits to Operate

MESSAGE: For your review and comments

You may call the person indicated below if communication has not been fully received:

_____ (909) 396-_____

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. -------
A/N 389188

Equipment Description:

BULK LOADING RACK NO. 1 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. TWO 4" DIESEL BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
3. THREE 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 2 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 2 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS (COMMON TO LOADING RACKS NOS. 2 AND 3)
9. SIX METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
   [RULE 1303 (b)(2) – OFFSETS]

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. -------
A/N 389189

Equipment Description:

BULK LOADING RACK NO. 2 CONSISTING OF :

1. FOUR 4" GASOLINE BOTTOM LOADING CONNECTIONS, EMCO-WHEATON OR EQUIVALENT.
2. ONE 4" DIESEL BOTTOM LOADING CONNECTION, EMCO-WHEATON OR EQUIVALENT.
3. TWO 4" GASOLINE VAPOR RETURN CONNECTIONS.
4. THREE GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 50 HP MOTOR
5. TWO GASOLINE CENTRIFUGAL PUMPS (COMMON TO LOADING RACKS NOS. 1 AND 3) EACH EQUIPPED WITH TANDEM SEAL, VENTED TO VAPOR CONTROL SYSTEM AND A 60 HP MOTOR
6. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL AND A 30 HP MOTOR
7. ONE DIESEL CENTRIFUGAL PUMP (COMMON TO LOADING RACKS NOS. 1 AND 3), EQUIPPED WITH MECHANICAL SEAL AND A 60 HP MOTOR
8. EIGHT VELCON TYPE FILTERS (COMMON TO LOADING RACKS NOS. 1 AND 3)
9. FIVE METERS
10. FOUR ETHANOL METERS
11. ONE GASOLINE METER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,000 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.
[RULE 1303 (b)(2) – OFFSETS]

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A VALID PERMIT BY SCAQMD.
[RULE 462, RULE 1303(a0(1)-BACT, 40 CFR60 SUBPART XX]

5. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

   C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

   D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

   E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 1303(a)(1) BACT, RULE 1173]

6. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. CHEVRON SHALL MAINTAIN RECORDS AND MAKE THESE RECORD AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPERESNTATIVE UPON REQUEST.
[RULE 1173]

7. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT A THROUGHPUT LOG FOR LOADING RACKS NOS. 1, 2 AND 3 SHALL BE MAINTAINED AND MADE AVAILABLE FOR INSPECTION BY THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 462]

8. WHENEVER A HOSE CONNECTOR IS REPLACED BY ANOTHER CONNECTOR MANUFACTURER OR MODEL NUMBER WHICH DIFFERS FROM THE PERMITTED MANUFACTURER OR MODEL NUMBER INDICATED IN THE EQUIPMENT DESCRIPTION AND DEEMED "EQUIVALENT", THE OPERATOR SHALL ONLY INSTALL EQUIPMENT WHICH COMPLIES WITH THE APPLICABLE REQUIREMENTS OF RULE 462, AND MAINTAIN RECORDS DEMONSTRATING HOW THE NEW EQUIPMENT IS EQUIVALENT TO THE ORIGINALLY PERMITTED EQUIPMENT.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 462
VOC: 0.06 LB/1000 GALLONS OF ORGANIC LIQUIDS LOADED, RULE 1303 (b)(2)-OFFSETS
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40 CFR 60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. -------
A/N 389193

Equipment Description:

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF :

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR
2. ONE 30-HP PUMP, 650 GPM
3. CONNECTIONS FROM ETHANOL TANK

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT:

   A. ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FRON NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   B. ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

C.. ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

D. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

E. THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1) BACT, RULE 1173]

4. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1173]

Periodic Monitoring: NONE

Emissions and Requirements: NONE

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. -------
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.

[RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

4. THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5. THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6. ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7. THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8. ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9. AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10. ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11. THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT

OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13. A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL.
[RULE 1303(a)(1) BACT]

14. THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15. THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000 PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. -------
A/N 514139

Equipment Description:

RHEEM- SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MMBTU/HR MAXIMUM RATING
2. VAPOR HOLDING TANK, 34'-2" DIA .X 34'-1" H., WITH 34" DIA INTERNAL FLEXIBLE DIAPHRAGM
3. SATURATOR COLUMN, 3'-6" DIA. X 14'-7" H.
4. ABSORBER COLUMN, 2'-6' DIA. X 22'-7" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 13'-5.5"H.
6. ABOVE GROUND CONDENSATE TANK, 10,000 GALLONS CAPACITY
7. INTERSTAGE COOLER, 10"DIA. X 7'-1"L.
8. VAPOR COMPRESSOR, TWO-STAGE RECIPROCATING,75 HP
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING WITH PACKING GLANDS, 20 HP
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 5 HP
11. KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL, WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE 204]

3. ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.

[RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

4. THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

5. THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6. ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7. THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8. ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9. AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10. ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11. THE VAPOR RECOVERY SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT

OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 900 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS. [RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13. A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL.
[RULE 1303(a)(1) BACT]

14. THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15. THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

16. THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000 PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

APPLICATION EMISSION INQUIRY
FACILITY : 800302

	APPL_N	DEVI	EMI_ID	APP	MEASU	EMI_AMT	EMI_AMT_E	EMI_AMT_E	APRO	APROV_DATE
1	372366	0	CO	31	AV30	25	08-05-2000	emmanuer	tranv	02-02-2001
2	372366	0	CO	31	R1	1	12-21-2000	emmanuer	tranv	02-02-2001
3	372366	0	CO	31	R1DY	24.96	08-05-2000	emmanuer	tranv	02-02-2001
4	372366	0	CO	31	R1HR	1.04	08-05-2000	emmanuer	tranv	02-02-2001
5	372366	0	CO	31	R2	1	12-21-2000	emmanuer	tranv	02-02-2001
6	372366	0	CO	31	R2DY	24.96	08-05-2000	emmanuer	tranv	02-02-2001
7	372366	0	CO	31	R2HR	1.04	08-05-2000	emmanuer	tranv	02-02-2001
8	372366	0	CO	31	RACT	25	08-05-2000	emmanuer	tranv	02-02-2001
9	372366	0	CO	31	YRLY	9085.44	08-05-2000	emmanuer	tranv	02-02-2001
10	372366	0	NOX	31	AV30	19	08-05-2000	emmanuer	tranv	02-02-2001
11	372366	0	NOX	31	R1	.7	12-21-2000	emmanuer	tranv	02-02-2001
12	372366	0	NOX	31	R1DY	18.48	08-05-2000	emmanuer	tranv	02-02-2001
13	372366	0	NOX	31	R1HR	.77	08-05-2000	emmanuer	tranv	02-02-2001
14	372366	0	NOX	31	R2	.7	12-21-2000	emmanuer	tranv	02-02-2001
15	372366	0	NOX	31	R2DY	18.48	08-05-2000	emmanuer	tranv	02-02-2001
16	372366	0	NOX	31	R2HR	.77	08-05-2000	emmanuer	tranv	02-02-2001
17	372366	0	NOX	31	RACT	19	08-05-2000	emmanuer	tranv	02-02-2001
18	372366	0	NOX	31	YRLY	6726.72	08-05-2000	emmanuer	tranv	02-02-2001
19	372366	0	PM	31	AV30	2	12-21-2000	emmanuer	tranv	02-02-2001
20	372366	0	PM	31	R1DY	2.16	12-21-2000	emmanuer	tranv	02-02-2001
21	372366	0	PM	31	R1HR	.09	12-21-2000	emmanuer	tranv	02-02-2001
22	372366	0	PM	31	R2DY	2.16	12-21-2000	emmanuer	tranv	02-02-2001
23	372366	0	PM	31	R2HR	.09	12-21-2000	emmanuer	tranv	02-02-2001
24	372366	0	PM	31	RACT	2	12-21-2000	emmanuer	tranv	02-02-2001
25	372366	0	PM	31	YRLY	786.24	12-21-2000	emmanuer	tranv	02-02-2001
26	372366	0	ROG	31	AV30	0	12-19-2000	emmanuer	tranv	02-02-2001
27	372366	0	ROG	31	R1DY	0	12-19-2000	emmanuer	tranv	02-02-2001
28	372366	0	ROG	31	R1HR	0	12-19-2000	emmanuer	tranv	02-02-2001
29	372366	0	ROG	31	R2DY	0	12-19-2000	emmanuer	tranv	02-02-2001
30	372366	0	ROG	31	R2HR	0	12-19-2000	emmanuer	tranv	02-02-2001
31	372366	0	ROG	31	RACT	0	12-19-2000	emmanuer	tranv	02-02-2001
32	372366	0	ROG	31	YRLY	0	12-19-2000	emmanuer	tranv	02-02-2001
33	372366	0	SOX	31	AV30	1	12-21-2000	emmanuer	tranv	02-02-2001
34	372366	0	SOX	31	R1DY	1.2	12-21-2000	emmanuer	tranv	02-02-2001
35	372366	0	SOX	31	R1HR	.05	12-21-2000	emmanuer	tranv	02-02-2001
36	372366	0	SOX	31	R2DY	1.2	12-21-2000	emmanuer	tranv	02-02-2001
37	372366	0	SOX	31	R2HR	.05	12-21-2000	emmanuer	tranv	02-02-2001
38	372366	0	SOX	31	RACT	1	12-21-2000	emmanuer	tranv	02-02-2001
39	372366	0	SOX	31	YRLY	436.8	12-21-2000	emmanuer	tranv	02-02-2001

	APPL_STATUS_DESC
1	PERMIT TO OPERATE GRANTED
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3	PERMIT TO OPERATE GRANTED
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39	PERMIT TO OPERATE GRANTED

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT *ENGINEERING & COMPLIANCE DIVISION* APPLICATION PROCESSING AND CALCULATIONS	PAGES 17	PAGE 1
	APPL. NO. 389187 to 389193	DATE 12/10/01
	PROCESSED BY AA03	CHECKED BY

PERMIT TO OPERATE

COMPANY NAME: Chevron Products Company
ID No. 003630

MAILING ADDRESS: 145 S. State College Blvd.
Brea, CA 92822

EQUIPMENT LOCATION: 17881 Gothard Street
Huntington Beach, CA 92647

EQUIPMENT DESCRIPTION:

reference

Table 1: CARB PHASE 3 CLEAN FUELS PROJECT APPLICATIONS FOR CHEVRON'S HUNTINGTON BEACH TERMINAL

A/N	*Application Type*	*Equipment*	*Equipment Description*	*Existing Permit Limits*	*Proposed Condition/ Change*
389187	Modification	Ethanol Storage Tank No.879	Internal Floating Roof Tank	Throughput 166,670 bbls/mo	Change from Diesel to Ethanol Service; Throughput 126,000 bbls/mo
389191	Change of Condition	Storage Tank No. 471	Fixed Roof Tank to VRS	Throughput 475,560 bbls/mo	Change Throughput To 512,468 bbls/mo
389192	Change of Condition	Storage Tank No. 476	Fixed Roof Tank to VRS	Throughput 844,650 bbls/mo	Change Throughput To 932,539 bbls/mo
389193 /	New Construction	Ethanol Tank Truck Unloading	Bulk Loading	None	Throughput 126,000 bbls/mo
389188	Modification	Loading Lane No. 1	Bulk Loading	Facility throughput limit 3,232,000 gal/day	Add common equipment: pumps, meters, etc.
389189	Modification	Loading Lane No. 2			
389190	Modification	Loading Lane No. 3			

INTRODUCTION:

Chevron Products Company is proposing to modify the El Segundo Refinery and three distribution terminals in Southern California to comply with California Air Resources Board (CARB) regulatory requirements to remove methyl tertiary butyl ether (MTBE) from product gasoline and to produce and distribute product gasoline meeting the CARB Phase 3 Reformulated Gasoline specifications. To meet the oxygenate requirements of the CARB Phase 3 specifications for gasoline without MTBE, ethanol would be blended into the gasoline. MTBE and ethanol have different physical and chemical properties. One key difference is that ethanol has a higher affinity for water. MTBE is currently blended into gasoline at the refinery, and the blended gasoline is transported to distribution terminals. For ethanol, the gasoline and ethanol must be separately transported to distribution terminals and blended only at the point of shipment that immediately precedes delivery to the retail gasoline stations. This distribution and blending process minimizes the potential contact of ethanol and water that would likely occur during pipeline transport. The gasoline and ethanol would be blended at the distribution terminals.

The project as a whole would involve new constructions and modifications in the El Segundo refinery, as well as, its satellite bulk loading terminals in Montebello, Van Nuys and Huntington Beach, to comply with the new CARB gasoline requirements. The project has the following objectives:

- To eliminate ether blending or phaseout MTBE
- To reduce vapor pressure of the gasoline
- To reduce sulfur content of the gasoline
- To expand the fluid catalytic Cracking (FCC) to reduce the gasoline production shortfall from MTBE and pentane removal.

The proposed CARB3 RFG Project is considered a significant project under the California Environmental Quality Act (CEQA). A CEQA Environmental Impact Report (EIR) is being finalized for this project by ENSR Consulting and Engineering for the District (Lead Agency). The EIR is expected to be certified by December, 2001.

For the purpose of meeting construction schedule, the permit applications for the project are divided into five groups, which consist of the following:

Group 1: Four permit applications for the construction of a pressurized pentane storage tank, a rail car pentane bulk loading arm/station and a Naphtha HydroTreater reactor charge heater with a Selective Catalytic

Reduction (SCR) system.

Group 2: Other refinery new constructions and modifications to be covered by a total of approximately 21 permit applications.

Group 3: Twelve permit applications for new construction, modifications and change of conditions of existing equipment at Chevron's Montebello Bulk Loading Terminal located at 601 S. Vail Ave., Montebello.

Group 4: Seven permit applications for new construction and modifications to existing equipment at Chevron's Van Nuys Loading Terminal located at 15359 Oxnard St., Van Nuys.

Group 5: Seven permit applications that are the subject of this permit evaluation for new construction, modifications and change of conditions of existing equipment at Chevron's Huntington Beach Bulk Loading Terminal located at 17881 Gothard St., Huntington Beach.

BACKGROUND:

Chevron Products Company operates a petroleum products bulk loading terminal at Huntington Beach, California (ID No. 003630). Chevron Huntington Beach Terminal plans to modify some of the operating equipment at the facility as part of Chevron's CARB3 RFG Project. The proposed modifications to this facility include the addition of storage and transfer of ethanol which will be used to replace MTBE as part of the additive to the various grades of gasoline products.

Table 1 shows a list of the proposed modifications and changes. The proposed modification is highlighted as follows:

- Change service of Tank 879 from diesel service to ethanol service
- Increase throughput conditions for two existing fixed roof tanks (Tanks 471 and 476)
- Modify permit descriptions for three loading lanes to include common loading equipment

COMPLIANCE RECORD REVIEW:

A review of enforcement records did not show any Notice of Violation or public nuisance complaint for this facility in the past two years (12/01/99 - 12/01/01).

PROJECT DESCRIPTION AND EMISSIONS CALCULATION:

A/N 389187: Conversion of Diesel Storage Tank No 879 to Ethanol StorageTank No. 879
Currently, Tank 879 is being used for storing diesel (maximum vapor pressure of 0.008 psia) with a monthly throughput limit of 166,670 bbl/month. The calculated ROG emissions from the tank is 1.46 lbs/day (Table 2).

After modification, the tank will be used for storing ethanol with a proposed throughput of 126,000 bbl/month. The calculated emissions from the ethanol tank is 1.42 lbs/day (Table 2). When compared to the current ROG emissions of 1.46 lbs/day, the change in tank service from storing diesel to ethanol will result in a **net decrease in emissions of -0.04 lb/day** due to the less throughput and lower molecular weight of ethanol. ROG emissions are calculated using EPA Tanks 4.0 Program. Details of the emissions are tabulated in Table 2 and the Tanks 4.0 Emissions Calculation Report before and after modification are included in Appendices C and D, respectively.

Table 2: MAXIMUM POTENTIAL ROG EMISSIONS FROM ETHANOL STORAGE TANK NO. 879

Tank 879		*Current (Diesel)*	*Proposed (Ethanol)*	*Change*
Throughput, barrels/month		166,670.00	126,000.00	
Uncontrolled Emissions (R1)	lbs/yr	532.54	519.71	
	lbs/day	1.46	1.42	
	lbs/hr	0.06	0.06	
Controlled Emissions (R2)	lbs/yr	532.54	519.71	
	lbs/day	**1.46**	**1.42**	**-0.04**
	lbs/hr	0.06	0.06	

A/N 389191: Change of Condition for Storage Tank No. 471
Tank No. 471 is a fixed roof gasoline storage tank vented to a vapor recovery system with 99.9 % efficiency. Currently, the permitted throughput is 475,560 bbls/mo. The proposed modification is to increase the throughput to **512,468 bbls/mo**, resulting in a net increase in ROG emissions of **0.17 lb/day**. ROG emissions are calculated using EPA Tanks 4.0 Program. Details of the emissions are tabulated in Table 3 and the Tanks 4.0 Emissions Calculation Report before and after modification are included in Appendices C and D, respectively.

Table 3: MAX POTENTIAL ROG EMISSIONS FROM GASOLINE STORAGE TANK NO. 471

Tank 471		*Current*	*Proposed*	*Change*
Throughput, barrels/month		475,560.00	512,468.00	
Uncontrolled Emissions (R1)	lbs/yr	903,866.34	966,597.87	
	lbs/day	2,476.35	2,648.21	
	lbs/hr	103.18	110.34	
Controlled Emissions (R2)*	lbs/yr	903.87	966.60	
R2 = R1 x 0.1%	**lbs/day**	**2.48**	**2.65**	**+ 0.17**
	lbs/hr	0.10	0.11	

* Copies of the Permit and Source Test Report showing 99.9% efficiency are included in Appendix E.

A/N 389191: Change of Condition for Storage Tank No. 476

Tank No. 476 is a fixed roof gasoline storage tank vented to a vapor recovery system with 99.9 % efficiency. Currently, the permitted throughput is 844,650 bbls/mo. The proposed modification is to increase the throughput to **932,539 bbls/mo**, resulting in a net increase in ROG emissions of **0.20 lb/day**. ROG emissions are calculated using EPA Tanks 4.0 Program. Details of the emissions are tabulated in Table 4 and the Tanks 4.0 Emissions Calculation Report before and after modification are included in Appendices C and D, respectively.

Table 4: MAX POTENTIAL ROG EMISSIONS FROM GASOLINE STORAGE TANK NO. 476

Tank 476		*Current*	*Proposed*	*Change*
Throughput, barrels/month		844,650.00	932,539.00	
Uncontrolled Emissions (R1)	lbs/yr	1,159,508.46	1, 233,913.64	
	lbs/day	3,176.74	3,380.59	
	lbs/hr	132.36	140.86	
Controlled Emissions (R2)*	lbs/yr	1,159.51	1,233.91	
R2 = R1 x 0.1%	**lbs/day**	**3.18**	**3.38**	**+ 0.20**
	lbs/hr	0.13	0.14	

* Copies of the Permit and Source Test Report showing 99.9% efficiency are included in Appendix E.

A/N 389193: New Construction of Ethanol Tank Truck Unloading
There will be a new ethanol truck unloading lane added to the facility. The unloading arm will be a 4" bottom loading connector and will also be equipped with two sets of the following: one filter, one 800-gpm pump, one 25-hp motor, one meter and other ancillary connectors (one set will be used for back-up). The proposed throughput for the ethanol tank truck unloading lane is **126,000 bbls/month**. Table 5 shows the estimated fugitive ROG emissions from the proposed modification. Chevron provided estimates for the number of valves, pumps, fittings and connections to be used for the modification.

Table 5: POTENTIAL FUGITIVE ROG EMISSIONS FROM ETHANOL TANK TRUCK UNLOADING

Parameter	*Estimated Number of Sources**	*Emission Factor** (lb/source/yr)*	*Total Emissions Lbs/day*
Valves in Light Liquid Service	9	19	0.47
Pumps in Light Liquid Service	2	104	0.56
Others (Compressors and Others)	0	514	0.00
Fittings (Connectors and Flanges)	108	1.5	0.44
Total Fugitive Emissions			**1.47**

* Chevron provided the estimated number of valves, pumps, fittings and connections to be used for the project.

**Emission factor from SCAQMD "Proposed Emission Factors for Fugitive New Source Units with BACT", July 2, 1993 (Appendix K).

A/N 389188, A/N 389189, and A/N 389190: Modification of Loading Lane Nos. 1, 2 & 3
Currently there are three loading lanes (Permit No. F37036, F37037 and F37038) at the facility. The permit limit for the three loading lanes combined is 2,076,000 gal/day. Loading emissions from all three lanes are vented to a vapor recovery system (Permit No. F25829).

There will be no physical changes to the three loading lanes, except the addition of the new ethanol truck components such as pumps, meters, filters and other connectors are to be listed

as **common equipment** to these loading lanes. There will be no increase in throughput from the existing loading lanes. The fugitive ROG emissions are included in Table 6 (3.46 lbs/day/lane). After the modification, the loading lanes will be able to function in the following configurations:

- Lanes 1 to 3 will have ratio blending of gasoline - regular unleaded and supreme unleaded, each will be blended with ethanol separately to form a two-component blend of gasoline; while midgrade will be blended with regular unleaded, supreme unleaded and ethanol to form a three-component blend of gasoline. Meter runs will be configured to measure each component.
- Ethanol supply pumps to all three lanes will be common and dedicated pump

Table 6: MAXIMUM POTENTIAL FUGITIVE EMISSIONS FROM MODIFIED THREE LOADING LANES

Parameter	*Estimated Number of Sources**	*Emission Factor** (lb/source/yr)*	*Total Emissions Lbs/day*
Valves in Light Liquid Service	150	19	7.81
Pumps in Light Liquid Service	4	104	1.14
Others (Compressors and Others)	0	514	0.00
Fittings (Connectors and Flanges)	352	1.5	1.44
Fugitive Emissions for all three lanes			10.39
Fugitive Emissions/Loading Lane			***3..46***

*Chevron provided the estimated number of valves, pumps, fittings and connections to be used for the project (Appendix L). ***Fourteen (14) bellow-sealed valves will be installed.***

**Emission factor from SCAQMD "Proposed Emission Factors for Fugitive New Source Units with BACT", July 2, 1993 (Appendix K).

NET CHANGE IN EMISSIONS

Table 8 summarizes the overall change in maximum potential ROG emissions. As shown in Table 2 , the change in service of the Tank 879 from storing diesel to storing ethanol will result in a net decrease in ROG emissions of -0.04 lb/day. However, the increases in throughput for Tank 471 and Tank 476 will result in ROG emissions of 0.17 lb/day and 0.20 lb/day, respectively.

There will be no change in throughput from the existing loading lanes; however, the increase in ROG emissions from the fugitive components will be 10.39 lbs/day. **As a result, the net increase in ROG emissions for the implementation of the ethanol project is 12.18 lbs/day.**

Table 8: MAX. POTENTIAL CHANGE IN ROG EMISSIONS FROM FACILITY

Application No.	*Source*	*Before Modification, lb/day*	*After Modification, lb/day*	*Net Change, lb/day*
389187	Ethanol Storage Tank	1.46	1.42	-0.04
389191	Storage Tank No. 471	2.48	2.65	0.17
389192	Storage Tank No. 476	3.18	3.38	0.20
389193	Ethanol Tank Truck Unloading	New	1.47	1.47
389188	Loading Lane No. 1	38.00* A/N 372367	38.00+3.46= 41.46	3.46
389189	Loading Lane No. 2	38.00* A/N 372369	38.00+3.46= 41.46	3..46
389190	Loading Lane No. 3	38.00* A/N 372371	38.00+3.46= 41.46	3.46
TOTAL				***12.18***

*This came from the District's NSR database.

RISK ASSESSMENT:

Tier 1: Screening Emission Levels

The Multiple Pollutant Screening Level Procedure of Tier 1 is used to determine whether or not detailed risk analysis will be required. The nearest worker and residential receptor location of 100 meter is used. Emissions increase from Fugitive Emissions is used to represent the worst case scenario, being the source with the highest emissions increase.

For Carcinogenic and/or Chronic Compounds:

Toxic Air Contaminant	*Qyear (Emissions in lbs/yr)**	*PSL(Pollutant Screening Level, lbs/yr from Table 1A)*	*PSI (Pollutant Screening Index= Qyear/PSL)*
Benzene	0.6504	8.91	7.30E-02
Ethyl Benzene	0.0482	517,000	9.32E-08
Hexane (n-)	0.5902	1,810,000	3.26E-07
Toluene	0.7347	77,500	9.48E-06
Xylene	0.2048	181,000	1.13E-06
		Σ PSI	**7.30E-02**

*Vapor mass fractions of each toxic air contaminant as found in the EPATanks 4.0 Program were used for calculations.

For Acute Compounds:

Toxic Air Contaminant	*Qhr (Emissions in lbs/hr)**	*PSL(Pollutant Screening Level, lbs/hr from Table 1A)*	*PSI (Pollutant Screening Index= Qhr/PSL)*
Benzene	7.42E-05	3.96	1.87E-05
Toluene	8.39E-05	49.06	1.71E-06
Xylene	2.34E-05	558.9	4.19E-08
		ΣPSI	**2.04E-05**

*Vapor mass fractions of each toxic air contaminant as found in the EPATanks 4.0 Program were used for calculations.

Both the cumulative cancer/chronic risk and cumulative acute risk are well below 1, therefore no further risk screening assessment is required.

Further, based on Chevron's Tier 2 Screening Assessment, the MICR, HIC and HIA are below Rule 1401 risk limits. The detailed calculations are included in Appendix F.

EVALUATION AND RULE REVIEW:

Regulation II - Permits

Rule 212: Standards for Approving Permits and Issuing Public Notice

Public Notice is not required since the new and modified permit units are not located within 1000 feet from the outer boundary of a school. Further, the facility's on-site VOC emissions increase for the project is 12.18 lbs /day which is below the 30 lbs/day maximum specified in subdivision (g) of this rule.

Regulation IV - Prohibitions

Rule 401: Visible Emissions

No visible emission violation is expected.

Rule 402: Nuisance

Nuisance complaints are not expected.

Rule 462: Organic Liquid Loading

The facility is equipped with an existing permitted vapor recovery system; therefore, the operation of the facility is in compliance with Rule 462.

Rule 463: Storage of Organic Liquid

The proposed modifications to this facility include the storage and transfer of ethanol which will be used to replace MTBE as part of the additives added to various grades of gasoline products. Ethanol will be stored in an internal floating roof tank which does not require additional vapor control. The two fixed-roof tanks are vented to a permitted vapor recovery system which is BACT for fixed roof tanks. Therefore, the operation of the storage and transfer equipment will be in compliance with Rule 463.

Rule 466: Pumps and Compressors

The proposed modification will add new pumps to the loading facility. The pumps to be installed for ethanol unloading are equipped with mechanical seals which are in compliance with the requirements specified in Rule 466.

Rule 466.1: Valves and Flanges

All the valves added to the proposed modification will be in compliance with the requirements specified in Rule 466.1.

Regulation IX - Standards of Performance for New Stationary Sources

Subpart Kb: Standards of Performance for Storage Vessels for Petroleum Liquids for which Construction, Reconstruction, or Modification Commenced After July 23, 1983

Since the ethanol storage tank is an internal floating roof tank equipped with liquid-mounted seal, and the storage tanks 471 and 476 are fixed roof tanks vented to the vapor recovery system with 99.9% efficiency, all the VOC storage vessels therefore comply with 40CFR60 Subpart Kb §60.112b.

Regulation X - National Emission Standards for Hazardous Air Pollutants

40CFR63 Subpart R: National Emission Standards for Gasoline Distribution Facilities

Chevron Huntington Beach Terminal is not considered a major source as the facility does not emit nor has a potential to emit ≥10 tons/yr of any hazardous air pollutant, or ≥25 tons/yr of any combination of hazardous air pollutants. Pursuant to 40CFR63 Subpart R §63.420, this facility is exempt from this regulation.

Regulation XI - Source Specific Standards

Rule 1173: Fugitive Emissions of Volatile Organic Compound

The fugitive components of the storage and loading/unloading facilities are subject to this rule. With proper implementation of the applicant's extensive inspection program, no violation is expected. The facility submits Rule 1173 Quarterly Report to the SCAQMD. The reports for all quarters of year 2000 are included in Appendix G.

Regulation XIII - New Source Review

Rule 1303: Requirements

The proposed modification includes new and modified sources equipped with BACT which meet Regulation XIII requirements.

Rule 1304: Exemptions

The emissions increase from this project is exempt from the offset requirements under Rule 1304(c)(4), since the project is proposed to comply with CARB Phase 3 requirements.

Regulation XIV - Toxics

Rule 1401: New Source Review of Toxic Air Contaminants

Compliance to Rule 1401 is demonstrated by passing the requirement of Tier 1-Multiple Pollutant Screening Level Procedure. Since neither the cumulative cancer/chronic hazard nor acute hazard index exceeds 1, MICRs, HICs and HIAs are therefore below Rule 1401 risk limits.

CONCLUSION AND RECOMMENDATION:
This application is expected to comply with all applicable District Rules and Regulations. It is recommended that a Permit to Operate be issued subject to the following conditions:

A/N 389187: Conversion of Diesel Storage Tank to Ethanol Storage Tank

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING AN AVERAGE TRUE VAPOR PRESSURE OF GREATER THAN 0.8 PSIA UNDER ACTUAL STORAGE CONDITIONS.

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 126,000 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2 AND 3 SHALL RECORD THE THROUGPUT TO SHOW COMPLIANCE WITIH THIS CONDITION.

5. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST TWO YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

6. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION OF THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE EVERY SIX MONTHS.

7. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE VAPOR LOWER EXPLOSIVE UNIT.

8. THIS EQUIPMENT SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF RULE 463.

A/N 389191: Change of Condition for Storage Tank No. 471

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3. THIS TANK SHALL BE VENTED ONLY TO A VAPOR CONTROL SYSTEM WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 512,468 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2 AND 3 SHALL RECORD THE THROUGPUT TO SHOW COMPLIANCE WITIH THIS CONDITION.

5. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH CONDITION NO. 4. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST TWO YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.

6. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING AN AVERAGE TRUE VAPOR PRESSURE OF GREATER THAN 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.

7. THIS EQUIPMENT SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF RULE 463.

A/N 389192: Change of Condition for Storage Tanks No. 476
Same as A/N 39191 except Condition No. 4

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 932,539 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2 AND 3 SHALL RECORD THE THROUGPUT TO SHOW COMPLIANCE WITIH THIS CONDITION.

A/N 389193: New Construction of Ethanol Tank Truck Unloading Lane
Standard Conditions 1 and 2

3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO NEW VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT TO CONSTRUCT.

   ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   THE OPERATOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DISTRICT NO LATER THAN 60 DAYS AFTER INITIAL STARTUP OF THE EQUIPMENT IN THE SYSTEM:

   PROCESS AND INSTRUMENTATION DIAGRAMS (OR SOME OTHER EQUIVALENT DISTRICT-APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES

INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR NON-BELLOW SEAL VALVES, REASON/S WHY BELLOW SEAL VALVES ARE NOT USED. A RECALCULATION OF FUGITIVE EMISSIONS SHALL BE SUBMITTED BASED ON THE ACTUAL COMPONENTS INSTALLED OR REMOVED FROM THE SYSTEM.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERRENCE METHOD 21, SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

4. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

A/N 389188, A/N 389189, and A/N 389190: Modification of Loading Lane Nos. 1 to 3

Standard Conditions 1 and 2

3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF GASOLINE AND DIESEL TO NO MORE THAN 3,232,100 GALLONS PER DAY. THE LIMIT SHALL

APPLY TO THE TOTAL COMBINED LOADING RATE FOR THE ENTIRE BULK LOADING PLANT.

4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.

5. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

6. THIS BULK LOADING FACILITY SHALL MEET THE APPLICABLE REQUIREMENTS OF 40CFR60 SUBPART XX.

7. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO NEW VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THE DEVICES THAT ARE COVERED BY THIS PERMIT TO CONSTRUCT.

   ALL VALVES SHALL BE BELLOW-SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATION, AND VALVES NOT COMMERCIALLY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

   THE OPERATOR SHALL PROVIDE THE FOLLOWING INFORMATION TO THE DISTRICT NO LATER THAN 60 DAYS AFTER INITIAL STARTUP OF THE EQUIPMENT IN THE SYSTEM:

PROCESS AND INSTRUMENTATION DIAGRAMS (OR SOME OTHER EQUIVALENT DISTRICT-APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR NON-BELLOW SEAL VALVES, REASON/S WHY BELLOW SEAL VALVES ARE NOT USED. A RECALCULATION OF FUGITIVE EMISSIONS SHALL BE SUBMITTED BASED ON THE ACTUAL COMPONENTS INSTALLED OR REMOVED FROM THE SYSTEM.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM BUT LESS THAN 1,000 PPM MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERRENCE METHOD 21, SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSENCUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM ABOVE BACKGROUND.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND REINSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

8. RULE 1173 INSPECTION AND MAINTENANCE PROGRAM IS REQUIRED. THE OPERATOR SHALL MAINTAIN RECORDS OF THE INSPECTION FOR AT LEAST TWO YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

Section D: Permit To Operate

Permit No. F37035

Equipment Description: Rheem-Superior Type 10 Vapor Recovery System and Mc Gill Vapor Combustor Serving Storage Tanks Now. 471 and 476, and Bulk Loading Facility.

Please record administrative changes as follows:

1. Line No. 3, Saturator Column, 3'-6" DIA x ~~12'-0"~~ H correct to **14' – 7"H**
2. Line No. 4, Absorber Column, 2'-6" DIA x ~~20'-0"~~ H correct to **22' – 7" H**
3. Line No. 5, Air Stripper Column, 2'-0" DIA x ~~16'-0"~~H correct to **13' – 5.5" H**
4. Line No. 10, Saturator Feed Pump, Centrifugal with Mechanical Seal, ~~2HP~~ correct to **5 HP**
5. Line No. 11, ~~Underground~~ Knockout Drainage Pump correct to remove **Underground**

<u>These are administrative changes only and will not influence emissions for facility compliance.</u>

Fee for Administrative Change: Schedule D, $684.58

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

PERMIT TO OPERATE

Permit No. F37035
A/N 372366

Equipment Description:

RHEEM-SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING STORAGE TANKS NOS. 471 AND 476, AND BULK LOADING FACILITY CONSISTING OF:

1) VAPOR COMBUSTOR, MC GILL, 30 MM-BTU/HR MAXIMUM RATING.

2) VAPOR HOLDING TANK, 34'-2"DIA. X 34'-1"H., WITH 34"DIA. INTERNAL FLEXIBLE DIAPHRAGM.

3) SATURATOR COLUMN, 3'-6"DIA. X ~~12'-0"H~~ 14'-7" H

4) ABSORBER COLUMN, 2'-6"DIA X ~~20'-0"H~~ 22'-7" H

5) AIR STRIPPER COLUMN, 2'-0"DIA. X ~~16'-0"H~~. 13'-5.5" H

6) ABOVEGROUND CONDENSATE TANK, 10,000 GALLON CAPACITY.

7) INTERSTAGE COOLER, 10"DIA. X 7'-1"L.

8) VAPOR COMPRESSOR, TWO-STAGE, RECIPROCATING, 75 HP.

9) HIGH PRESSURE GASOLINE PUMP, RECIPROCATING, WITH PACKING GLANDS, 20 HP.

10) SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, ~~2 HP~~. 5HP

11) ~~UNDERGROUND~~ KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 1-1/2 HP.

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3) ORGANIC LIQUID LOADING, TRANSFER, AND TANK FILLING OPERATIONS SHALL BE MANAGED SUCH THAT THE COMPRESSOR AND/OR VAPOR SPHERE CAPACITIES ARE NOT EXCEEDED AND THE VAPOR SPHERE IS PREVENTED FROM VENTING TO ATMOSPHERE AT ANY TIME.
[RULE 1303(a)(1)BACT, RULE 462, RULE 463, 40CFR60 SUBPART XX]

4) THE INTERLOCK SYSTEM PROVIDED TO PREVENT ORGANIC LOADING, TRANSFER, OR TANK FILLING OPERATIONS WHEN THE EFFECTIVE TOTAL CAPACITIES OF THE COMPRESSOR AND/OR VAPOR SPHERE ARE EXCEEDED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204, RULE 1303(a)(1) BACT]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

5) THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS OPERATING, OR WHEN TANKS 471 AND/OR 476 IS BEING LOADED.
[RULE 462, RULE 463, RULE 1303(a)(1) BACT]

6) ONLY ONE VENT GAS COMPRESSOR SHALL BE OPERATED AT ANY GIVEN TIME.
[RULE 1303(a)(1) BACT]

7) THE TOTAL FLOW RATE OF HYDROCARBON VAPORS AT THE INLET TO THE THERMAL OXIDIZER SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) OFFSETS]

8) ALL TEMPERATURE RECORDER AND FUEL USAGE RECORDS SHALL BE KEPT AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(a)(1) BACT]

9) AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.
[RULE 204, RULE 401]

10) ALL ABSORBER OUTLET VAPORS FROM THE RHEEM-SUPERIOR RECOVERY UNIT SHALL BE DIRECTED TO THE THERMAL OXIDIZER THAT IS IN FULL OPERATION.
[RULE 1303(a)(1) BACT]

11) THE VAPOR RECOVER SYSTEM SHALL HAVE A CONTROL EFFICIENCY OF AT LEAST 95%
[RULE 463]

Periodic Monitoring:

12) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AND 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE THERMAL OXIDIZER IS OPERATING.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 900 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]

13) A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND LEVEL.
[RULE 1303(a)(1) BACT]

14) THE OPERATOR SHALL MONITOR LEAKS OF THE VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 1173.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

15) THE OPERATOR SHALL CONDUCT A SOURCE TEST THAT MEASURES THE VOC CONCENTRATION AT THE INLET AND OUTLET OF THE VAPOR RECOVERY SYSTEM TO DETERMINE THE OVERALL CONTROL EFFICIENCY. THE TEST SHALL BE CONDUCTED EVERY 3 YEARS.
[RULE 463, RULE 3004(a)(4) PERIODIC MONITORING]

FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

Emissions and Requirements:

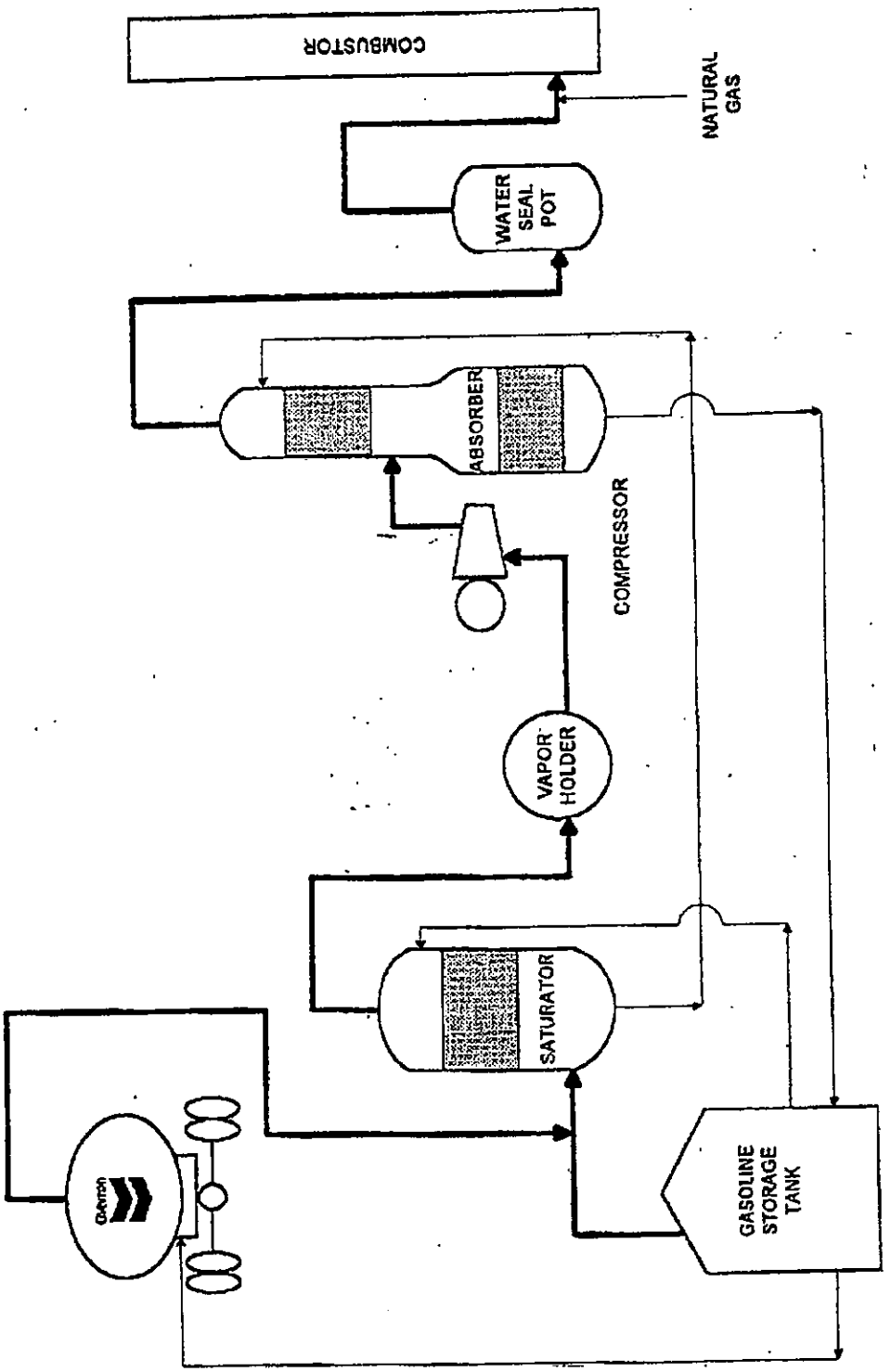
16) THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
CO: 2000PPMV, RULE 409
VOC: 0.06LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 1303(b)(2)-OFFSETS
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC/TOC: 35 MILLIGRAMS/LITER OF GASOLINE LOADED, 40CFR60 SUBPART XX

AN 372367

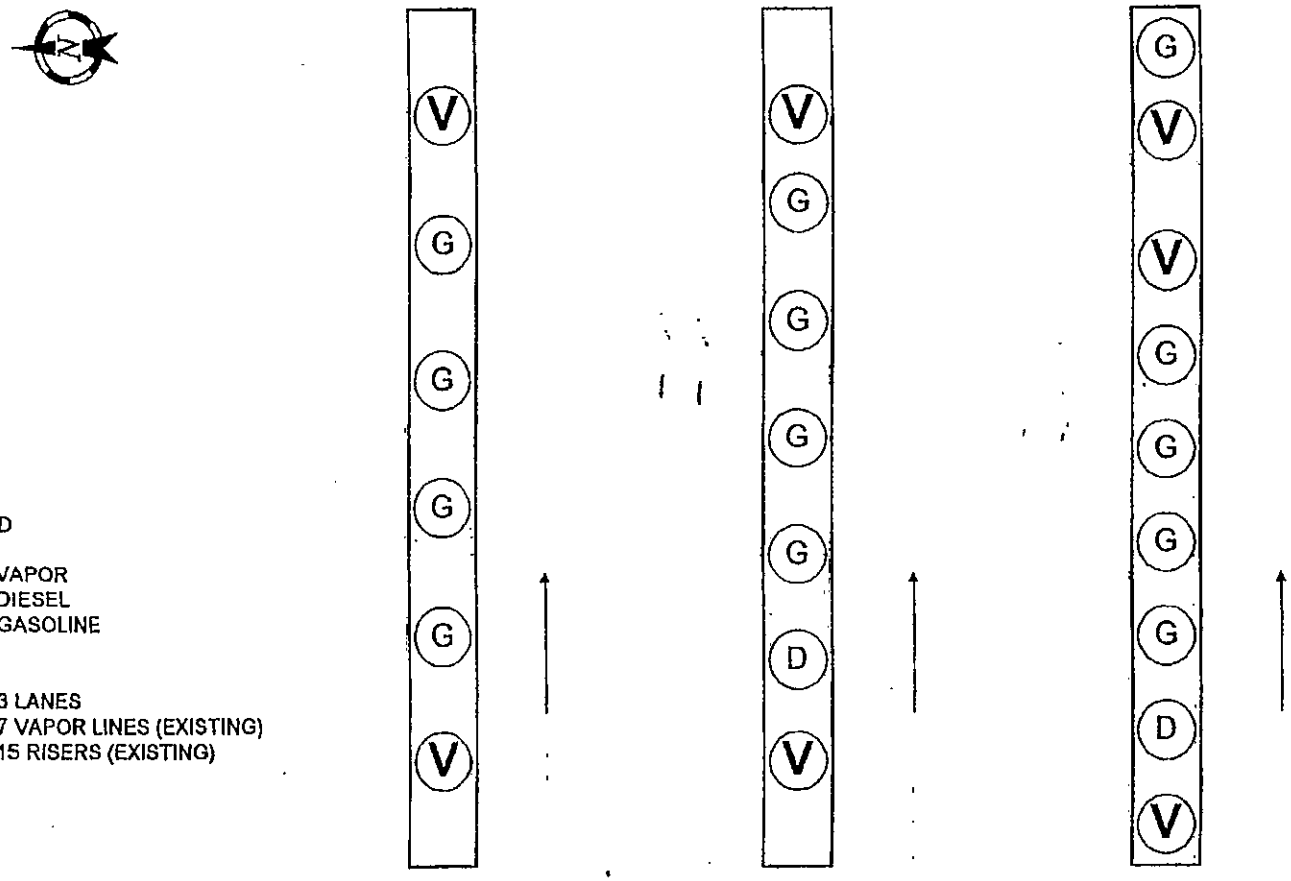
Appendix D

CHEVRON HUNTINGTON BEACH TERMINAL
RHEEM SUPERIOR AND VAPOR COMBUSTION SYSTEM



APPENDIX C

CHEVRON HUNTINGTON BEACH TERMINAL
LOADING LANES CONFIGURATION



LEDGEND

V	VAPOR
D	DIESEL
G	GASOLINE

TOTAL
3 LANES
7 VAPOR LINES (EXISTING)
15 RISERS (EXISTING)

Lane #3
P/O #D88229
Loading Rack #3

Lane #2
P/O #D88228
Loading Rack #2

Lane #1
A/N 362349
Loading Rack #1

(REVISED 07/10/2000)

A/N 372367

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO CONSTRUCT/OPERATE

Permit No.
F37035
A/N 372366

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

LEGAL OWNER
OR OPERATOR: CHEVRON PRODUCTS CO.
145 SOUTH STATE COLLEGE BLVD
BREA, CA 92822-2292

ID 003630

Equipment Location: 17881 GOTHARD ST, HUNTINGTON BEACH, CA 92647-6252

Equipment Description:

RHEEM-SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM AND MC GILL VAPOR COMBUSTOR SERVING TANK 471, 476 AND BULK LOADING FACILITY CONSISTING OF:

1. VAPOR COMBUSTOR, MC GILL, 30 MM-BTU/HR MAXIMUM RATING.
2. VAPOR HOLDING TANK, 34'-2" DIA. X 34'-1" H., WITH 34" DIA. INTERNAL FLEXIBLE DIAPHRAGM.
3. SATURATOR COLUMN, 3'-6" DIA. X 12'-0" H.
4. ABSORBER COLUMN, 2'-6" DIA. X 20'-0" H.
5. AIR STRIPPER COLUMN, 2'-0" DIA. X 16'-0" H.
6. ABOVEGROUND TANK, 10,000 GALLON CAPACITY, CONDENSATE.
7. INTERSTAGE COOLER, 0'-10" DIA. X 7'-1" L.
8. VAPOR COMPRESSOR, TWO-STAGE, RECIPROCATING, 75 HP.
9. HIGH PRESSURE GASOLINE PUMP, RECIPROCATING, WITH PACKING GLANDS, 20 HP.
10. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 2 HP.
11. UNDERGROUND KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 1-1/2 HP (COMMON TO APPL. 109512).

FILE COPY

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

Conditions:

1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.

2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

3) THE VAPOR SPHERE SHALL BE PREVENTED FROM VENTING TO ATMOSPHERE BY CONTROLLING THE ORGANIC LIQUID LOADING TRANSFER OPERATION OR TANK FILLING OPERATION SO AS NOT TO EXCEED THE EFFECTIVE TOTAL CAPACITY OF THE COMPRESSOR AND VAPOR SPHERE AT ANY TIME.

4) THE INTERLOCK SYSTEM PROVIDED TO ENSURE THAT NO ORGANIC LOADING TRANSFER OPERATION OR TANK FILLING OPERATION IS UNDERTAKEN WHEN THE EFFECTIVE TOTAL CAPACITY OF THE COMPRESSOR AND VAPOR SPHERE IS REACHED SHALL BE MAINTAINED IN GOOD OPERATING CONDITION AT ALL TIMES.

5) THE VAPOR RECOVERY SYSTEM SHALL BE IN FULL OPERATION WHENEVER ANY LOADING RACK IS IN OPERATION OR TANK 471 OR 476 IS BEING LOADED.

6) ONE VENT GAS COMPRESSOR SHALL ONLY BE OPERATED AT ANY ONE TIME.

7) THE ORGANIC VAPOR EMISSION LEVEL IN THE THERMAL OXIDIZER DISCHARGE SHALL NOT EXCEED 0.06 LB/1000 GALLONS OF ORGANIC LIQUID LOADED AT ALL TIMES.

8) A TEMPERATURE OF NOT LESS THAN 900 DEGREES FAHRENHEIT AT 0.3 SECOND GAS RESIDENCE TIME SHALL BE MAINTAINED IN THE OXIDIZER COMBUSTION CHAMBER DURING OPERATION.

9) A TEMPERATURE PROBE OR THERMOCOUPLE TO MEASURE COMBUSTION GAS TEMPERATURE IN THE OXIDIZER SHALL BE MAINTAINED AT 11 FEET ELEVATION ABOVE GROUND.

10) THE TOTAL FLOW RATE OF INLET HYDROCARBON VAPORS INTO THE INCINERATOR SHALL NOT EXCEED 300 SCFM. A MEASURING DEVICE OR INDICATOR SHALL BE INSTALLED TO VERIFY COMPLIANCE WITH THIS CONDITION.

FILE COPY

CONTINUATION OF PERMIT TO CONSTRUCT/OPERATE

11) ALL RECORDS OF THE TEMPERATURE RECORDER AND FUEL USAGE SHALL BE KEPT FOR AT LEAST TWO YEARS AND SHALL BE MADE AVAILABLE TO AUTHORIZED DISTRICT PERSONNEL UPON REQUEST.

12) AN ALARM SYSTEM SHALL BE MAINTAINED TO PREVENT VISIBLE EMISSION VIOLATIONS DURING EMERGENCY SHUTDOWN OR FAILURE OF THE OXIDIZER.

13) ALL ABSORBER OUTLET VAPORS FROM THE RHEEM SUPERIOR RECOVERY UNIT SHALL BE DIRECTED ONLY TO THE THERMAL OXIDIZER THAT IS IN FULL USE.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M Bailey

By Dorris M. Bailey/er02
2/02/2001

FILE COPY

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

PERMIT to OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

M 38595

Operation under this permit must be conducted in compliance with all information included with the initial application and the initial permit conditions. The equipment must be properly maintained and kept in good operating condition at all times. In accordance with Rule 20 this Permit to Operate or copy must be posted on or within 8 meters of equipment.

LEGAL OWNER OR OPERATOR: CHEVRON U.S.A., INC.

EQUIPMENT LOCATED AT: 17881 GOTHARD STREET HUNTINGTON BEACH, CALIFORNIA

APPL. NO. 04590A
PREVIOUS PERMIT NO. 702597

EQUIPMENT DESCRIPTION AND CONDITIONS:

RHEEM-SUPERIOR TYPE 10 VAPOR RECOVERY SYSTEM SERVING TANK 471 AND BULK LOADING FACILITY

CONSISTING OF:

1. VAPOR HOLDING, TANK, 34'-2" DIA. X 34'-1" H., WITH 38' DIA. INTERNAL FLEXIBLE DIAPHRAGM.
2. SATURATOR COLUMN, 3'-6" DIA. X 12'-0" H.
3. ABSORBER COLUMN, 2'-6" DIA. X 20'-0" H.
4. AIR STRIPPER COLUMN, 2'-0" DIA. X 16'-0" H.
5. UNDERGROUND KNOCKOUT VESSEL, 1000 GALLON CAPACITY.
6. INTERSTAGE COOLER, 0'-10" DIA. X 7'-1" L.

This initial permit must be renewed by 06/10/84 unless the equipment is moved, or changes ownership. If billing for annual renewal fee (Rule 301.f) not received by expiration date, contact office above.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules of the Air Quality Management District. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

EXECUTIVE OFFICER
J.A. STUART

BY VIRGINIA MOY

DATE 06/08/84

XXXXXXXXXX

VOID UNLESS VALIDATED

76P235M-REV. 2-81

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

M 38595

APPL. NO. 04590A

CONTINUATION OF PERMIT NO.
(MUST BE DISPLAYED WITH PERMIT)

7. VAPOR COMPRESSOR, TWO-STAGE, RECIPROCATING, 75 H.P.
8. HIGH PRESSURE GASOLINE PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 20 H.P.
9. SATURATOR FEED PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 2 H.P.
10. UNDERGROUND KNOCKOUT DRAINAGE PUMP, CENTRIFUGAL WITH MECHANICAL SEAL, 1-1/2 H.P. (COMMON TO APPL. 109512).

-CONDITION-

THE VAPOR SPHERE MUST BE PREVENTED FROM VENTING BY CONTROLLING THE ORGANIC LIQUIDS LOADING OPERATIONS SO AS NOT TO EXCEED THE EFFECTIVE TOTAL CAPACITY OF THE COMPRESSOR AND THE VAPOR SPHERE AT ANY TIME.