



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

August 29, 2014

Mr. John Dalton
HES Specialist
Chevron USA
15359 Oxnard Street
Van Nuys, CA 91411

SUBJECT: Title V Facility Permit Renewal/Minor Permit Revision for Chevron USA,
Van Nuys Terminal (ID 2526), dated August 29, 2014

Dear Mr. Dalton:

Enclosed is your new Title V Facility Permit for Chevron Van Nuys Terminal located at 15359 Oxnard Street, Van Nuys, CA 91411. The renewed/revised permit reflects the following permit actions and associated changes as noted below.

Title V Permit Renewal (A/N 554663)

The existing Title V Permit underwent the Title V Renewal process pursuant to Regulation XXX. The renewed Title V Permit was updated to reflect the following changes:

All Sections:

Current regulatory requirements were updated and/or added where appropriate.

Section A: Facility Information

A new 5-year term (expiration date) was added.

Title V Minor Permit Revision

A Minor Title V Permit Revision was included concurrently with the Title V permit renewal and included the following:

Section D: Permits to Operate

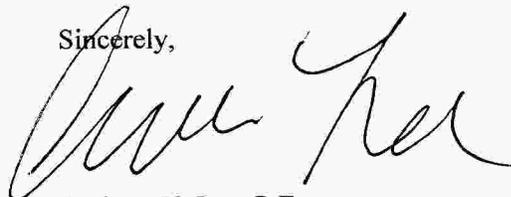
Incorporated equipment description corrections on four loading racks (A/Ns 554659 - 662).

The aforementioned Title V Change of Operator/Renewal/Minor revision was sent to EPA for 45-day review on July 8, 2014 and a newspaper notice was published for a 30-day public comment period on July 15, 2014. No comments were received from the EPA or the public. Please review the attached Title V

facility permit carefully. The enclosed permit replaces in its entirety the previous Title V permit issued to Chevron USA Van Nuys Terminal under Facility ID 2526.

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine that there are administrative errors, or if you have any questions concerning changes to your permit, please contact Mr. Ed O'Neal, Air Quality Engineer II, at (909) 396-2565 within 30 days of the receipt of your permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew Y. Lee". The signature is fluid and cursive, with a large initial "A" and "Y".

Andrew Y. Lee, P.E.
Senior Engineering Manager
Engineering and Compliance

AYL:CDT:EON

Enclosure

cc: (w/enclosure)
Gerardo Rios, EPA Region IX
Compliance
Central File
Application No. 554663
Application No. 545758
(w/o enclosure)



FACILITY PERMIT TO OPERATE

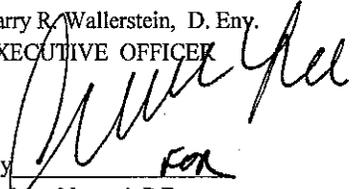
**CHEVRON USA INC
15359 OXNARD ST
VAN NUYS, CA 91411**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

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 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By 
Mousen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	2	08/29/2014
B	RECLAIM Annual Emission Allocation	1	08/29/2014
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	4	08/29/2014
E	Administrative Conditions	1	08/29/2014
F	RECLAIM Monitoring and Source Testing Requirements	1	08/29/2014
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	1	08/29/2014
H	Permit To Construct and Temporary Permit to Operate	3	08/29/2014
I	Compliance Plans & Schedules	4	08/29/2014
J	Air Toxics	1	08/29/2014
K	Title V Administration	2	08/29/2014
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	1	08/29/2014
B	Rule Emission Limits	1	08/29/2014



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: CHEVRON USA INC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 15359 OXNARD ST
VAN NUYS, CA 91411-2506

MAILING ADDRESS: 601 S VAIL AVE
MONTEBELLO, CA 90640

RESPONSIBLE OFFICIAL: FIAZ MOHAMMED

TITLE: SOUTHWEST AREA MANAGER

TELEPHONE NUMBER: (714) 671-3554

CONTACT PERSON: JOHN M. DALTON

TITLE: HES SPECIALIST

TELEPHONE NUMBER: (323) 838-8888

TITLE V PERMIT ISSUED: August 29, 2014

TITLE V PERMIT EXPIRATION DATE: August 28, 2019

TITLE V	RECLAIM
----------------	----------------

YES	NOx:	NO
	SOx:	NO
	CYCLE:	0
	ZONE:	COASTAL

**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

**Facility Description and Equipment Specific Conditions
(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 CO.**

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
A18322	P00878	STORAGE TANK NO. 3	4
A18323	P00879	STORAGE TANK NO. 4	6
148822	D71961	STORAGE TANK NO. 5	8
389345	G20725	ETHANOL STORAGE TANK W/INT FLOAT ROOF	9
389348	G20726	ETHANOL TANK TRUCK UNLOADING	11
510650	G20731	VAPOR RECOVERY SYSTEM	13
535558	G21253	FACILITY LIQUID RECOVERY LIFT STATION SYSTEM	15
549850	G26594	STORAGE TANK NO. 2	17
554559	G32651	LOADING ISLAND NO. 1	19
554660	G32652	LOADING ISLAND NO. 2	21
554661	G32653	LOADING ISLAND NO. 3	23
554662	G32654	LOADING ISLAND NO. 4	25

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 CO.

FACILITY WIDE CONDITION(S)

Condition(s):

1. 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]
2. MATERIAL DATA SAFETY SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2) OFFSET]
3. THIS FACILITY IS SUBJECT TO THE MINOR SOURCE REQUIREMENTS OF 40CFR63 SUBPART R.
[40CFR63 SUBPART R]
4. THIS FACILITY IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF 40CFR63 SUBPART BBBBBB.
[40CFR63 SUBPART BBBBBB]



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. P00878
A/N A18322**

Equipment Description:

STORAGE TANK NO. 3, CONE ROOF, 67'-0" DIA. X 48'-0" H., 30,140 BARREL CAPACITY, VENTED TO A 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 NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
5. THIS TANK SHALL ALWAYS BE CONNECTED TO THE VAPOR RECOVERY SYSTEM, AND SHALL NOT BE VENTED TO THE ATMOSPHERE.
[RULE 463, RULE 1149]
6. EXCEPT DURING INSPECTION OR SAMPLING, ALL HATCH COVERS SHALL BE IN PLACE.
[RULE 463]
7. THE OPERATOR SHALL KEEP RECORDS IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, TURNOVERS, AND RANGES OF TRUE VAPOR PRESSURE OF SUCH LIQUIDS.
[RULE 463]

Periodic Monitoring: NONE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC/TOC: 40 CFR 60, SUBPART Kb



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. P00879
A/N A18323**

Equipment Description:

STORAGE TANK NO. 4, CONE ROOF, 72'-0" DIA. X 48'-0" H., 34,310 BARREL CAPACITY, VENTED TO A 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 NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
5. THIS TANK SHALL ALWAYS BE CONNECTED TO THE VAPOR RECOVERY SYSTEM THROUGH THE VAPOR HOLDING TANK, AND SHALL NOT BE VENTED TO THE ATMOSPHERE.
[RULE 463, RULE 1149]
6. EXCEPT DURING INSPECTION OR SAMPLING, ALL HATCH COVERS SHALL BE IN PLACE.
[RULE 463]
7. THE OPERATOR SHALL KEEP RECORDS IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, TURNOVERS, AND RANGES OF TRUE VAPOR PRESSURE OF SUCH LIQUIDS.
[RULE 463]

Periodic Monitoring: NONE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC/TOC: 40 CFR 60, SUBPART Kb



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. D71961
A/N 148822**

Equipment Description:

STORAGE TANK NO. 5, TRANSMIX, 15'-0" DIA. X 30'-0" H., FIXED ROOF, VENTED TO A 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. 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.
[RULE 1303(a) - BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G20725
A/N 389345**

Equipment Description:

ETHANOL STORAGE TANK NO. 1, 36'-0" DIA. X 48'-0" H., DOUBLE DECK TYPE, INTERNAL FLOATING ROOF, 5,650 BARREL CAPACITY, WELDED SHELL, WITH A LIQUID MOUNTED MECHANICAL SHOE PRIMARY SEAL AND A SINGLE WIPER 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. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A REID VAPOR PRESSURE OF GREATER THAN 4.5 PSIA.
[RULE 1303(b)(2) – OFFSETS, RULE 1303(c)(4) – REGULATORY COMPLIANCE, RULE 1313(g)-EMISSION LIMITATION]
4. THIS OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS TANK TO NO MORE THAN 150,257 BARRELS IN ANY ONE MONTH. A FLOW MEASURING DEVICE, LOCATED AT LOADING RACK NOS. 1, 2, 3 AND 4, SHALL RECORD THE THROUGHPUT TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2) – OFFSETS, RULE 1303(c)(4) – REGULATORY COMPLIANCE, RULE 1313(g)-EMISSION LIMITATION]
5. THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF SHALL NOT EXCEED 30% OF THE VAPOR LOWER EXPLOSIVE LIMIT.
[RULE 463]
6. THE OPERATOR SHALL MONITOR THE HYDROCARBON CONCENTRATION OF THE VAPOR SPACE USING AN EXPLOSIMETER OR EQUIVALENT DEVICE EVERY 6 MONTHS.
[RULE 463]
7. THE OPERATOR SHALL KEEP RECORDS IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, TURNS, AND RANGES OF TRUE VAPOR PRESSURE OF SUCH LIQUIDS.
[RULE 463, CFR 60, SUBPART Kb]



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149
VOC/TOC: 40 CFR 60, SUBPART Kb



FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

PERMIT TO OPERATE

Permit No. G20726
A/N 389348

Equipment Description:

ETHANOL TANK TRUCK UNLOADING RACK CONSISTING OF:

1. TWO UNLOADING ARMS WITH A 4" BOTTOM LOADING CONNECTOR.
2. ONE 30-H.P. PUMP, 800 GPM.
3. CONNECTIONS FROM ETHANOL TANK.

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

ALL VALVES SHALL BE BELLOW SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH VALVE STEM IN HORIZONTAL POSITION), RETROFIT/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173.

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

THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.



FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

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 RECORDS.

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

THE OPERATOR MAY BEGIN QUARTERLY INSPECTIONS, UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHLY INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF NON-BELLOWS SEAL VALVES ARE FOUND TO BE LEAKING ABOVE 500 PPMV.

IN THE EVENT OF A QUARTERLY INSPECTION OF THE AFFECTED POPULATION OF FUGITIVE COMPONENTS IS FOUND TO BE MORE THAN TWO PERCENT LEAKING GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE ABOVE 500 PPMV, THEN SUCH QUARTERLY INSPECTIONS SHALL REVERT TO MONTHLY INSPECTIONS UNTIL SUCH TIME THAT IT CAN BE JUSTIFIED FOR QUARTERLY INSPECTIONS AGAIN.

THE RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G20731
A/N 510650**

Equipment Description:

VAPOR RECOVERY SYSTEM, JOHN ZINK, MODEL AA1218-8-12, CAPACITY 300 CFM, SERVING BULK LOADING TERMINAL NOS. 1, 2, 3 AND 4 AND STORAGE TANK NUMBERS 2, 3, 4 AND 5, CONSISTING OF:

1. TWO CARBON ADSORBERS, EACH 8'-0" DIA. X 13'-0" H.
2. ADSORBER, PACKED TOWER, 3'-0" DIA. X 12'-0" H.
3. SEPARATOR, 5'-0" DIA. X 10'-0" L.
4. TWO VACUUM PUMPS, EACH 60-HP.
5. GASOLINE SUPPLY PUMP, CENTRIFUGAL, 15-HP.
6. GASOLINE RETURN PUMP, CENTRIFUGAL, 10-HP.
7. SEAL FLUID CIRCULATION PUMP, CENTRIFUGAL, 5-HP.
8. SEAL FLUID EXCHANGER.
9. VAPOR HOLDING TANK, 10'-0" DIA. X 24'-0" H., 30,000 CUBIC FEET CAPACITY, WITH AND INTERNAL FLEXIBLE DIAPHRAGM.
10. BLOWER, CENTRIFUGAL, 5-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. THE VAPOR RECOVERY SYSTEM SHALL BE IN SERVICE WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION OR IS BEING EVACUATED FOR A CHANGE IN SERVICE OR CLEANOUT, TO COMPLY WITH RULE 1149 REQUIREMENTS (FOR R-1149 CHEVRON MAY CONTRACT A DISTRICT PERMITTED DEGASSING OPERATOR.)
[RULE 1149]
4. THE TOTAL GAS FLOW RATE TO THE CARBON ABSORPTION SYSTEM SHALL NOT EXCEED 300 SCFM. A FLOW INDICATOR SHALL BE USED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSETS]
5. THE VOC CONCENTRATION OF THE EXHAUST OF THE VAPOR RECOVERY UNIT SHALL NOT EXCEED 0.64%, MEASURED AS PROPANE. TRUCK LOADING OPERATIONS AND THE BLOWER



FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

INDUCING VAPORS TO THE VAPOR RECOVERY UNIT SHALL AUTOMATICALLY CEASE WHEN THE CEMS MEASURES AN VOC CONCENTRATION AT OR EXCEEDING THIS LIMIT. THE VAPOR RECOVERY UNIT SHALL AUTOMATICALLY SWITCH VENTING TO THE REGENERATED CARBON CANISTER WHEN AN VOC CONCENTRATION CORRESPONDING TO 80% OF THIS LIMIT (I.E. 0.51% VOC, AS PROPANE) IS MEASURED. AUDIBLE AND VISUAL ALARMS SHALL BE EMITTED AT 80% OF THE LIMIT.

[RULE 462]

Periodic Monitoring:

6. THE OPERATOR SHALL MONITOR THE LEAKS OF THE VAPOR RECOVERY SYSTEM ACCORDING TO RULE 1173.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]

7. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) FOR VOC EMISSIONS. THE TEST(S) SHALL BE CONDUCTED SIMULTANEOUSLY AT THE INLET AND OUT LET OF THE AIR POLLUTION CONTROL EQUIPMENT AND SHALL DEMONSTRATE AN EFFICIENCY OF AT LEAST 95 PERCENT. THE TESTS SHALL BE CONDUCTED AT LEAST ONCE EVERY THREE YEARS.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GALS ORGANIC LIQUID LOADED, RULE 462
TOC/VOC: 35 MG/L GASOLINE LOADED, 40 CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G21253
A/N 535558**

Equipment Description:

FACILITY LIQUID RECOVERY LIFT STATION SYSTEM, CONSISTING OF:

1. FOUR COLLECTION VESSELS, EACH 1'-0" DIA. X 2'-8" L., 16 GALLON CAPACITY.
2. ONE COLLECTION VESSEL, 1'-0" DIA. X 5'-6" L., 32 GALLON CAPACITY.
3. ONE COLLECTION VESSEL, 2'-0" DIA. X 8'-0" L., 185 GALLON CAPACITY.
4. TWO STORM WATER AND PRODUCT SPILL CATCH BASINS, 45 GALLON CAPACITY.
5. SIX DIAPHRAGM PUMPS, GASOLINE, SEAL-LESS TYPE, 29 G.P.M.
6. FOUR MAGNETIC DRIVE PUMPS, GASOLINE, 9.5 G.P.M.

Conditions:

1. CONSTRUCTION AND 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 COLLECTION VESSELS SHALL NOT BE VENTED TO THE ATMOSPHERE AND SHALL BE CONNECTED TO EQUIPMENT VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a) - BACT, RULE 1401]
4. ALL VALVES SHALL BE BELLOWS 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), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS AND VALVES NOT COMMERCIALY 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 RECORDS.



FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

THE OPERATOR SHALL KEEP RECORDS OF ALL BELLOW-SEAL VALVES INSTALLED OR REMOVED, CATEGORIZE THEIR LOCATION, TYPE, SIZE, ACCESSIBILITY AND SERVICE, AND FOR NON-BELLOW-SEAL VALVES, THE REASON(S) WHY BELLOW-SEAL VALVES ARE NOT USED.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21.

ALL FUGITIVE COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 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. A LEAK OF 1,000 PPMV OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT-GLASS, AND METER.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION UPON APPROVAL OF THE DISTRICT.

THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION AND QUARTERLY (WHEN APPLICABLE), SUBSEQUENT REPAIR AND RE-INSPECTION, IF ANY, SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSETS]

5. THIS OPERATOR SHALL SUBMIT THE FOLLOWING INFORMATION TO THE DISTRICT WITHIN 60 DAYS OF THE INITIAL START UP OF THE EQUIPMENT:

PROCESS AND INSTRUMENTATION DIAGRAMS THAT IDENTIFY ALL COMPONENTS INSTALLED OR REMOVED DURING THE CONSTRUCTION OF THIS EQUIPMENT.

A LISTING OF ALL COMPONENTS INSTALLED OR REMOVED DURING THE CONSTRUCTION OF THIS EQUIPMENT. ALSO, WHERE NON-BELLOW SEALED VALVES ARE USED THE REASON FOR THEIR USE.

A RECALCULATION OF FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED OR REMOVED BY THEIR USE.

[RULE 1303(a) – BACT; RULE 1303(b)(2) – OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G26594
A/N 549850**

Equipment Description:

STORAGE TANK NO. 2, 36'-0" DIA. X 48'-0" H., 8,700 BARREL NOMINAL CAPACITY, FIXED ROOF, VENTED TO A VAPOR RECOVERY SYSTEM.

Conditions:

1. CONSTRUCTION AND 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 USED FOR STORING PETROLEUM DISTILLATES AND GASOLINE BLENDING COMPONENTS (INCLUDING OXYGENATES SUCH AS ETHANOL) HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR LESS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1313(g) - EMISSION LIMITATION]
4. THE TOTAL THROUGHPUT OF PETROLEUM LIQUIDS TO THE BULK LOADING FACILITY WHICH CONSISTS OF FOUR LOADING ISLANDS AND FIVE STORAGE TANKS INCLUDING THIS EQUIPMENT, AND SERVED BY A COMMON VAPOR RECOVERY SYSTEM, SHALL NOT EXCEED 2,908,224 GALLONS PER DAY. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(e)(5), 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.
[RULE 463, RULE 1303(b)(2) - OFFSETS, RULE 1313(g) - EMISSION LIMITATION]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a) - BACT]

Periodic Monitoring: NONE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G32651
A/N 554659**

Equipment Description:

TRUCK BOTTOM LOADING ISLAND NO. 1 CONSISTING OF:

1. SEVEN 4" GASOLINE BOTTOM LOADING CONNECTIONS.
2. THREE 4" VAPOR RETURN CONNECTIONS.
3. SEVEN GASOLINE CENTRIFUGAL PUMPS (COMMON), EACH EQUIPPED WITH A TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 75-HP. MOTOR.
4. SIX VELCON TYPE (OR EQUIVALENT) FILTERS FOR GASOLINE (COMMON TO TANK NOS. 2, 3 AND 4).
5. NINE GASOLINE METERS.
6. SEVEN ETHANOL METERS.
7. ONE VELCON TYPE (OR EQUIVALENT) FILTER FOR ETHANOL.
8. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL, AND A 30-HP MOTOR (COMMON).

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 TO NO MORE THAN 2,908,224 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR LOADING ISLANDS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITATION]
4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, RULE 1303(a)(1)-BACT, 1401, 40CFR60 SUBPART XX]
5. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

[RULE 462]

6. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS WITH NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

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 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.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION UPON APPROVAL OF THE DISTRICT.

THE RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, RULE 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED, RULE 462, RULE 1303 (b)(2)-OFFSETS,
RULE 1313(g)-EMISSION LIMITATION

TOC/VOC: 35 MG TOC/L GASOLINE LOADED, 40CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G32652
A/N 554660**

Equipment Description:

TRUCK BOTTOM LOADING ISLAND NO. 2 CONSISTING OF:

1. SEVEN 4" GASOLINE BOTTOM LOADING CONNECTIONS.
2. THREE 4" VAPOR RETURN CONNECTIONS.
3. SEVEN GASOLINE CENTRIFUGAL PUMPS (COMMON), EACH EQUIPPED WITH A TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 75-HP. MOTOR.
4. SIX VELCON TYPE (OR EQUIVALENT) FILTERS FOR GASOLINE (COMMON TO TANK NOS. 1, 3 AND 4).
5. NINE GASOLINE METERS.
6. SEVEN ETHANOL METERS.
7. ONE VELCON TYPE (OR EQUIVALENT) FILTER FOR ETHANOL.
8. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL, AND A 30-HP MOTOR (COMMON).

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 TO NO MORE THAN 2,908,224 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR LOADING ISLANDS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITATION]
4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, RULE 1303(a)(1)-BACT, 1401, 40CFR60 SUBPART XX]
5. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

[RULE 462]

6. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS WITH NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

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 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.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION UPON APPROVAL OF THE DISTRICT.

THE RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, RULE 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED, RULE 462, RULE 1303 (b)(2)-OFFSETS,
RULE 1313(g)-EMISSION LIMITATION
TOC/VOC: 35 MG TOC/L GASOLINE LOADED, 40CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G32653
A/N 554661**

Equipment Description:

TRUCK BOTTOM LOADING ISLAND NO. 3 CONSISTING OF:

1. SEVEN 4" GASOLINE BOTTOM LOADING CONNECTIONS.
2. THREE 4" VAPOR RETURN CONNECTIONS.
3. SEVEN GASOLINE CENTRIFUGAL PUMPS (COMMON), EACH EQUIPPED WITH A TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 75-HP. MOTOR.
4. SIX VELCON TYPE (OR EQUIVALENT) FILTERS FOR GASOLINE (COMMON TO TANK NOS. 1, 2 AND 4).
5. NINE GASOLINE METERS.
6. SEVEN ETHANOL METERS.
7. ONE VELCON TYPE (OR EQUIVALENT) FILTER FOR ETHANOL.
8. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL, AND A 30-HP MOTOR (COMMON).

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 TO NO MORE THAN 2,908,224 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR LOADING ISLANDS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITATION]
4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, RULE 1303(a)(1)-BACT, 1401, 40CFR60 SUBPART XX]
5. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

[RULE 462]

6. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS WITH NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

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 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.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION UPON APPROVAL OF THE DISTRICT.

THE RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, RULE 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED, RULE 462, RULE 1303 (b)(2)-OFFSETS,
RULE 1313(g)-EMISSION LIMITATION
TOC/VOC: 35 MG TOC/L GASOLINE LOADED, 40CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

PERMIT TO OPERATE

**Permit No. G32654
A/N 554662**

Equipment Description:

TRUCK BOTTOM LOADING ISLAND NO. 4 CONSISTING OF:

1. SEVEN 4" GASOLINE BOTTOM LOADING CONNECTIONS.
2. THREE 4" VAPOR RETURN CONNECTIONS.
3. SEVEN GASOLINE CENTRIFUGAL PUMPS (COMMON), EACH EQUIPPED WITH A TANDEM SEAL, VENTED TO VAPOR RECOVERY SYSTEM, AND A 75-HP. MOTOR.
4. SIX VELCON TYPE (OR EQUIVALENT) FILTERS FOR GASOLINE (COMMON TO TANK NOS. 1, 2 AND 3).
5. NINE GASOLINE METERS.
6. SEVEN ETHANOL METERS.
7. ONE VELCON TYPE (OR EQUIVALENT) FILTER FOR ETHANOL.
8. ONE ETHANOL LOADING PUMP EQUIPPED WITH DOUBLE MECHANICAL SEAL, AND A 30-HP MOTOR (COMMON).

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 TO NO MORE THAN 2,908,224 GALLONS PER DAY. THE LIMIT SHALL APPLY TO THE TOTAL COMBINED LOADING RATE FOR LOADING ISLANDS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2)-OFFSETS, RULE 1313(g)-EMISSION LIMITATION]
4. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 462, RULE 1303(a)(1)-BACT, 1401, 40CFR60 SUBPART XX]



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

5. IN ADDITION TO THE RECORDS REQUIRED IN RULE 462, THE LOADING THROUGHPUT RECORD SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462]

6. ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS WITH NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORD.

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 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.

IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVES AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION UPON APPROVAL OF THE DISTRICT.

THE RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION, IF ANY, SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(a)(1)-BACT, RULE 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED, RULE 462, RULE 1303 (b)(2)-OFFSETS,
RULE 1313(g)-EMISSION LIMITATION
TOC/VOC: 35 MG TOC/L GASOLINE LOADED, 40CFR 60 SUBPART XX



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

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, 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 USA INC

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief description of the equipment tested.
 - c. Operating conditions under which the test was performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
 11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



FACILITY PERMIT TO OPERATE
CHEVRON USA INC

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE



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

AQMD

Section G	Page:	1
Facility ID:		002526
Revision #:		1
Date:		August 29, 2014

FACILITY PERMIT TO OPERATE
CHEVRON USA INC

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

**Facility Equipment and Requirements
(Section H)**

(NONE)



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
545205	463
559363	462

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

Rule 463 Inspection and Maintenance Plan Approval
Facility ID : 2526 - Company Name : Chevron USA – Van Nuys Terminal

LEGAL OWNER OR OPERATOR Chevron USA – Van Nuys Terminal
FACILITY LOCATION 15359 Oxnard Street, Van Nuys, CA 91411
MAILING ADDRESS Same

ADMINISTRATIVE REQUIREMENTS

This facility shall be subject to the terms and conditions of this plan unless this plan is suspended, revoked, modified, reissued or denied. Failure to maintain a valid plan is a violation of Rule 463.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of the equipment.

This plan 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 and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulation, or statutes of the other governmental agencies.

RULE 463 EQUIPMENT

Floating Roof Tank No. 1 as listed in submitted plan.

CONDITIONS

1. The operator shall conduct the operation of the storage equipment in compliance with all data and specifications submitted with the plan application under which this approval is granted.
2. Floating roof tank seals shall be properly installed and continuously maintained in good operating condition.

**CHEVRON USA, INC.
VAN NUYS TERMINAL**

RULE 463 TANK INSPECTION AND MAINTENANCE PLAN

1. Mailing Address: Chevron USA, Inc.
15359 Oxnard St
Van Nuys, CA 91411
TESH Specialist
(323) 838-8888
2. Facility Location: Chevron USA, Inc.
15359 Oxnard St
Van Nuys, CA 91411
3. SCAQMD ID No: 2526
4. Inventory of Floating Roof Tanks

The following table details all floating roof storage tanks at Chevron's Van Nuys Terminal which are subject to the inspection and maintenance plan requirements of SCAQMD Rule 463. A plot plan showing the location of each storage tank is attached at the end of this plan.

Description	Tank No. 1
Tank Type	Internal Floating Roof Tank
Product Stored	Fuel Ethanol
Capacity (gallons)	237,300
Diameter (feet)	36
Height (feet)	48
Shell Type	Welded
Floating Roof Type	Double Deck
Primary Seal Type	Liquid Mounted Mechanical Shoe
Secondary Seal Type	Single Wiper

5. Internal Floating Roof Tanks

As shown in the previous section, there is one internal floating roof storage tanks at the Terminal. The fixed roof tank with internal floating closure device complies with the requirements of Rule 463(c)(2) as described in the following sections 5.1 and 5.2.

5.1 Closure Device and Vapor Loss Control

The closure device shall control vapor loss with an effectiveness equivalent to a closure device which meets the following requirements¹.

- 5.1.1 Gaps between the tank shell and the primary seal shall not exceed 1.3 centimeters (1/2 inch) for a cumulative length of 30 percent of the circumference of the tank, and 0.32 centimeter (1/8 inch) for 60 percent of the circumference of the tank. No gap between the tank shell and the primary seal shall exceed 3.8 centimeters (1-1/2 inches). No continuous gap between the tank shell and the primary seal greater than 0.32 centimeter (1/8 inch) shall exceed 10 percent of the circumference of the tank.
- 5.1.2 Gaps between the tank shell and the secondary seal shall not exceed 0.32 centimeter (1/8 inch) for a cumulative length of 95 percent of the circumference of the tank. No gap between the tank shell and the secondary seal shall exceed 1.3 centimeters (1/2 inch).
- 5.1.3 Metallic shoe-type seals installed on or after August 1, 1977 shall be installed so that one end of the shoe extends into the stored organic liquid and the other end extends a minimum vertical distance of 61 centimeters (24 inches) above the stored organic liquid surface.
- 5.1.4 The geometry of the shoe shall be such that the maximum gap between the shoe and the tank shell is no greater than double the gap allowed by the seal gap criteria specified in subparagraph 5.1.1 for a length of at least 46 centimeters (18 inches) in the vertical plane above the liquid surface.

5.2 Organic Vapor Concentration

The concentration of organic vapor in the vapor space above the internal floating type cover shall not exceed 50 percent of its lower explosive limit (LEL) for those storage tanks installed prior to June 1, 1984 and 30 percent of its LEL for those storage tanks installed after June 1, 1984. Compliance shall be verified by the use of an explosimeter.

6. Tank Inspection Schedule

Inspections will be conducted by certified tank inspectors in accordance with requirements specified in subsections 6.1, 6.2 and 6.3².

- 6.1 All floating roof tanks subject to this rule will be inspected by a certified person twice per year at 4 to 8 months intervals according to the procedures and guidelines set forth in Attachment B - "Inspection Procedures and Compliance Report Form." Generally, inspections are scheduled during February and August each year.
- 6.2 The primary and secondary seals shall be inspected by a certified person each time a floating roof tank is emptied and degassed.

¹ SCAQMD Rule 463(c)(1)(A)

² SCAQMD Rule 463(e)(3)

- 6.3 Inspection results will be reported in the format specified in Attachment B of Rule 463 and will be submitted to SCAQMD within 5 working days upon completion of inspection.

When necessary, Chevron will replace damaged seals of the floating roof tanks with seals approved by SCAQMD³. Category "A" seals shall be replaced only by Category "A" seals. Category "B" seals shall be replaced only by Category "A" or Category "B" seals. Category "C" seals shall be replaced only by Category "A" or Category "B" seals. A description of seal types for each category is detailed in Attachment A "Floating Roof Tank Seal Categories" of Rule 463 and included at the end of this plan.

If any tank determined to be in non-compliance with provisions of Rule 463, Chevron will bring the tank into compliance within 72 hours of the determination of non-compliance. Within 120 hours of the determination of non-compliance, Chevron will submit a written report to SCAQMD indicating the corrective actions taken to achieve compliance.

7. Tank Inspection Contractors and Certified Tank Inspectors

All tank inspections at the facility will be performed by Chevron personnel/contractors with SCAQMD tank inspector certifications. The name of the certified inspector, employer, and contact information will be recorded in Section B of the submitted compliance report; see Attachment B at the end of this plan.

8. Chevron Self-Inspection Procedure for Internal Floating Tanks

Chevron will follow the safety procedures specified in Chevron's *Initial Filling of Tank or Re-floating a Roof Standard Operating Procedure - T04 (10.10.2.8.5)*. Both Chevron personnel and contractors must follow these safety procedures.

³ SCAQMD Rule 463(d)(5)



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 2526 - CHEVRON USA - VAN NUYS TERMINAL**

CONTINUOUS MONITORING SYSTEM (CMS) EQUIPMENT

CONTINUOUS MONITORING SYSTEM (CMS) CONSISTING OF A SUMMIT, MODEL IR-7761 OR MODEL IR-8400DC, GAS ANALYZER AND A YOKOGAWA DAQSTATION DX1000 SERIES (OR EQUIVALENT) RECORDER SERVING A JOHN ZINK CARBON ADSORPTION SYSTEM

CONDITIONS:

1. The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.
2. The CMS shall sample and analyze gas from the outlet of the carbon canisters to accurately measure the Volatile Organic Compound (VOC) concentration at the exhaust of vapor recovery unit.
3. The VOC concentration at the exhaust of the vapor recovery unit shall not exceed 0.64%, measured as propane. Truck loading operations and the blower inducing vapors to the vapor recovery unit shall automatically cease when the CEMS measures an VOC concentration at or exceeding this limit. The vapor recovery unit shall automatically switch venting to the regenerated carbon canister when an VOC concentration corresponding to 80% of this limit (i.e. 0.51% VOC, as propane) is measured. Audible and visual alarms shall be emitted at 80% of the limit.
4. The CMS shall provide and the data recorder shall retain the instantaneous VOC concentration and a continuous 15-minute average VOC concentration, measured at the exhaust of the vapor recovery system (carbon adsorbers).
5. The operator shall maintain a display of the VOC concentrations in a location accessible to District personnel.
6. Daily calibration error tests shall be performed on the CMS at the low (0-20 percent) and high (80-100 percent) ranges of concentration. The calibration error shall not exceed 2.5 percent of the full scale range.
7. Testing of the CMS for relative accuracy (RA) and calibration drift, as described in 40 CFR 60 Appendix B, shall be conducted in conjunction with the vapor recovery system (carbon adsorbers) performance testing required by the permit for the vapor recovery system (carbon adsorbers).
8. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets applicable requirements of 40 CFR 63.427 and 40 CFR 60 Appendix B, Specification 8. The applicability of 40 CFR 63.427 is pursuant to AQMD rule 462(f)(2) and does not necessarily imply that the facility is a major source of Hazardous Air Pollutants (HAPs).
9. The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.



RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 2526 -CHEVRON USA - VAN NUYS TERMINAL

10. The recording device shall archive data in a secure encrypted format to nonvolatile data storage. Instantaneous readings shall be recorded at a frequency of not less than once per minute. The recorder/software shall be capable of displaying and printing out plots of the C concentration within 3 hours of a request. Where external storage media is used, it shall be replaced at a sufficient frequency to ensure that the amount of stored data is at no more than 90% of the storage capacity of the media.
11. The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder returned to operation, maintenance or corrective work performed and actions taken to prevent such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.
12. The operator shall keep records on site to show compliance with conditions required by this plan. Such records shall be kept for at least five years and made available to District personnel upon request.



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION J: AIR TOXICS

[40CFR 63 Subpart R, #2 (Minor Sources) 12-19-2003]

**GASOLINE DISTRIBUTION FACILITIES (BULK GASOLINE TERMINALS AND
PIPELINE BREAKOUT STATIONS), MINOR SOURCES**

1. The operator shall comply with the applicable recordkeeping, reporting and other requirements required to demonstrate that this facility is not subject to Subpart R, as required by 40 CFR, Subpart A, Section 63.10(b)(3), and Section 63.420 of Subpart R.
2. The operator shall submit all required reports, notifications, plans, submittals and other communications required by Subpart R or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (see addresses in Sections E and K of this permit.)



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**SECTION J: AIR TOXICS
[40CFR 63SubpartBBBBBB 01-24-2011]**

National Emission Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

The owner/operator of a bulk gasoline terminal, pipeline breakout station, pipeline pumping station, and bulk gasoline plant, shall comply with all applicable requirements of 40CFR 63 Subpart BBBBBB, including but not limited to the following:

1. Gasoline storage tanks and gasoline loading racks shall comply with the applicable testing and monitoring requirements specified in 63.11092, submit applicable notifications as required under 63.11093, and shall keep records and submit reports as specified in 63.11094 and 63.11095.
2. The owner/operator shall, for all equipment in gasoline service as defined in 63.11100, perform monthly leak inspections as specified in 63.11086.



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
 - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

(A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

- (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
- (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
- (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
- (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

(B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



FACILITY PERMIT TO OPERATE CHEVRON USA INC

SECTION K: TITLE V Administration

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 301	6-1-2012	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 466	10-7-1983	Federally enforceable
RULE 466.1	3-16-1984	Non federally enforceable



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 466.1	5-2-1980	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable
40CFR 63SubpartBBBBBB	1-24-2011	Federally enforceable



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

NONE



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007] TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing	400					100		
Concrete/Masonry Sealers								
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:
 - (A) That is listed in the Table of Standards 1 and contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]**

**TABLE OF STANDARDS 1
VOC LIMITS**

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

Recycled Coatings		250			
Roof Coatings		50			
Roof Coatings, Aluminum		100			
Roof Primers, Bituminous		350			
Rust Preventative Coatings	400	100			
Sacrificial Anti-Graffiti Coatings		100		50	
Shellac					
Clear		730			



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]**

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

- 1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
- 2 The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
- 3 Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

**TABLE OF STANDARDS 1 (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

**TABLE OF STANDARDS 2
VOC LIMITS FOR COLORANTS**

**Grams of VOC Per Liter of Colorant
Less Water and Less Exempt Compounds**

COLORANT ADDED TO	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]**

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



**FACILITY PERMIT TO OPERATE
CHEVRON USA INC**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS* VOC g/l (lb/gal)	EFFECTIVE 1/1/2010 VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	



FACILITY PERMIT TO OPERATE CHEVRON USA INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2010
	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.