

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

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PERMIT TO OPERATE

Permit No. R-F36546
A/N 374777

Equipment Description:

STORAGE TANK NO. 2, 36'-0" DIA. X 48'-0" H., 8,700 BARREL CAPACITY, 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. 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]
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]
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

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Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149

THIS PERMIT TO OPERATE R-F36546 SUPERSEDES PERMIT TO OPERATE F36546 ISSUED 1/22/2001.

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PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
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 BELLOW SEAL VALVES EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL STEM MOTION, SITUATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G. DRAIN VALVES WITH STEMS IN THE HORIZONTAL POSITION), 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.

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

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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]

6. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ON [ONE YEAR FROM THE DATE OF ISSUANCE] UNLESS AN EXTENSION IS 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.
[RULE 205]

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Periodic Monitoring: NONE

Emissions and Requirements: NONE

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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
537642	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 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, 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 Nonmethane Hydrocarbon (NMHC) concentration at the exhaust of vapor recovery unit.
3. The NMHC 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 NMHC concentration at or exceeding this limit. The vapor recovery unit shall automatically switch venting to the regenerated carbon canister when an NMHC concentration corresponding to 80% of this limit (i.e. 0.51% NMHC, 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 NMHC concentration and a continuous 15-minute average NMHC concentration, measured at the exhaust of the vapor recovery system (carbon adsorbers).
5. The operator shall maintain a display of the NMHC 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 NMHC 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.