FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS COMPANY

DRAFT PERMIT TO CONSTRUCT/OPERATE

Permit No. TBD
A/N 549850

Equipment Description:

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

BY THE ADDITION OF:

A 24-INCH MANWAY/EMERGENCY VENT TO THE TANK ROOF

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]

6. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE |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|**

Periodic Monitoring: NONE

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 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
537642	462
545205	463

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.

DRAFT

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 or 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.

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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 requirements[1].

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 Junel, 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 6.3[2].

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 SCAQMD[3]. 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)