



JUN 12 2013

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: **Notice of Minor Title V Permit Modification**
District Facility # S-2010
Project # 1132021

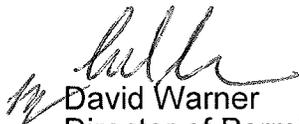
Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. Chevron USA, Inc. is proposing a Title V minor permit modification to incorporate the recently issued S-2010-142-18 into the Title V operating permit. The ATC is to remove tank S-2010-147 from the vapor control system listed on S-2010-142.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-2010-142-18, emission increases, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,



David Warner
Director of Permit Services

Enclosures

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



JUN: 12 2013

Jason Donchin
Chevron USA, Inc.
PO Box 1392
Bakersfield, CA 93302

**Re: Notice of Minor Title V Permit Modification
District Facility # S-2010
Project # 1132021**

Dear Mr. Donchin:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued S-2010-142-18 into the Title V operating permit. The ATC is to remove tank S-2010-147 from the vapor control system listed on S-2010-142.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-2010-142-18, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,



David Warner
Director of Permit Services

Enclosures

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Tel: 661-392-5500 FAX: 661-392-5585

TITLE V APPLICATION REVIEW

Minor Modification
Project #: S-1132021

Engineer: David Torii
Reviewing Engineer: ~~Kris Rickards~~

AP SUR ADE

Facility Number: S-2010
Facility Name: Chevron USA, Inc.
Mailing Address: PO Box 1392
Bakersfield, CA 93302

JUN 11 2013

Contact Name: Jason H. Donchin
Phone: 661-654-7145

Responsible Official: Jerid Bell
Title: Operations Supervisor

I. PROPOSAL

Chevron USA, Inc. (CUSA) is proposing a Title V minor permit modification to remove tank S-2010-147 from the vapor control system listed on S-2010-142.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The equipment is located in section 6, township 30S range 22E in Plain's Heavy Oil Western stationary source, Kern County.

III. EQUIPMENT DESCRIPTION

PTO S-2010-142-17: 2,000 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#T-3)
CONNECTED TO VAPOR CONTROL SYSTEM CONSISTING
OF FOUR VAPOR COMPRESSOR SKIDS, TANK BLANKET
GAS SCRUBBER, AND VAPOR PIPING (LOCATED AT 32 U.S.
OIL CLEANING PLANT)

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

The Changes in the original Permit to Operate and the implemented ATC are as follows

Condition # on <u>current</u> PTO S-2010-142-17	Condition # on <u>Proposed</u> Permit S-2010-142-19	Condition is New, Revised, or Removed	Reason for Change from Current PTO
2	2	revised	removed tank S-2010-147 from the vapor control system listed on S-2010-142

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which

the source would otherwise be subject. Such terms and conditions include;

- a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and
 - b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
 6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

Chevron USA, Inc., 1132021, S-2010, 1132021

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
(S-2010-142-19)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2010-142-19

EXPIRATION DATE: 02/29/2016

SECTION: NW32 **TOWNSHIP:** 26S **RANGE:** 21E

EQUIPMENT DESCRIPTION:

2,000 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#T-3) CONNECTED TO VAPOR CONTROL SYSTEM CONSISTING OF FOUR VAPOR COMPRESSOR SKIDS, TANK BLANKET GAS SCRUBBER, AND VAPOR PIPING (LOCATED AT 32 U.S. OIL CLEANING PLANT)

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor control system consisting of a closed vent system that collects all VOCs from the storage tank. The vapor control system shall be APCO-approved and maintained in leak-free condition. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. The following tanks shall be connected to vapor control system: S-2010-142 (T-3), S-2010-143 (T-8), S-2010-144 (T-12), S-2010-146 (T-2), S-2010-148 (T-7), S-2010-223 (T-12A), S-2010-224 (T-8A), and S-2010-297 (T-301). [District Rule 2201] Federally Enforceable Through Title V Permit
3. Vapor control system shall consist of vapor collection piping and four vapor compressor skids. Each vapor compressor skid shall consist of one compressor, liquid knockout vessel(s) and/ or scrubber(s), condensate and/ or lube oil pump(s). Vapors are sent to sales gas pipeline or used as a tank blanket gas. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permittee shall maintain accurate component count for tank, compressor skids, and tank vapor control piping according to CAPCOA's "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities," Table IV-2c (Feb 1999), Screening Value Range emission factors < 10,000 ppmv. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fugitive emissions from tank, compressor skids, and tank vapor control piping shall not exceed 2.4 lb VOC/ day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The vapor control system shall reduce VOC emissions by at least 95%. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
7. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit
8. If the source can demonstrate compliance with the provisions of Rule 4623, Section 5.7 (amended 5/19/05), then any deviations that are addressed under the provisions of Tables 3 through 5 shall not be in violation of Rule 4623. [District Rule 4623, 5.7] Federally Enforceable Through Title V Permit
9. Except as otherwise provided in this permit, tank roof appurtenances shall be maintained leak-free. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
10. Except as otherwise provided in this permit, all piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

11. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
12. Except as otherwise provided in this permit, a reading in excess of 10,000 ppmv above background is a violation of this permit and shall be reported as a deviation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Except as otherwise provided in this permit, any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
14. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
15. If any of the tank components are found to be leaking, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
16. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event shall the total time to minimize and eliminate the leak shall exceed 56 hours after detection. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
17. Leaking tank components affixed to the tank or within five feet of the tank that have been discovered by the operator and that have been immediately tagged and repaired within the specified deadlines, shall not constitute a violation of the District Rule 4623, Section 5.7 (amended 12/20/01). However, leaking components discovered during inspections by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within specified deadlines, shall constitute a violation of the District Rule 4623, Section 5.7 (amended 12/20/01). [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
18. If a component type for a given tank is found to leak during an annual inspection, then conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If a component type is found to have no leak after four consecutive quarterly inspections, then revert to annual inspections. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
19. Any component found to be leaking on two consecutive annual inspections is in violation of the District Rule 4623, Section 5.7 (amended 12/20/01), even if it is under the voluntary inspection and maintenance program. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
20. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Except as otherwise provided in this permit, the operator shall ensure that the vapor recovery system is functional and is operating as designed at all times. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B
Current Permit to Operate
(S-2010-142-17)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2010-142-17

EXPIRATION DATE: 02/29/2016

SECTION: NW32 **TOWNSHIP:** 26S **RANGE:** 21E

EQUIPMENT DESCRIPTION:

2,000 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#T-3) CONNECTED TO VAPOR CONTROL SYSTEM CONSISTING OF FOUR VAPOR COMPRESSOR SKIDS, TANK BLANKET GAS SCRUBBER, AND VAPOR PIPING (LOCATED AT 32 U.S. OIL CLEANING PLANT)

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor control system consisting of a closed vent system that collects all VOCs from the storage tank. The vapor control system shall be APCO-approved and maintained in leak-free condition. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. The following tanks shall be connected to vapor control system: S-2010-142 (T-3), S-2010-143 (T-8), S-2010-144 (T-12), S-2010-146 (T-2), S-2010-147 (T-6), S-2010-148 (T-7), S-2010-223 (T-12A), S-2010-224 (T-8A), and S-2010-297 (T-301). [District Rule 2201] Federally Enforceable Through Title V Permit
3. Vapor control system shall consist of vapor collection piping and four vapor compressor skids. Each vapor compressor skid shall consist of one compressor, liquid knockout vessel(s) and/ or scrubber(s), condensate and/ or lube oil pump(s). Vapors are sent to sales gas pipeline or used as a tank blanket gas. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Permittee shall maintain accurate component count for tank, compressor skids, and tank vapor control piping according to CAPCOA's "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities," Table IV-2c (Feb 1999), Screening Value Range emission factors < 10,000 ppmv. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Fugitive emissions from tank, compressor skids, and tank vapor control piping shall not exceed 2.4 lb VOC/ day. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The vapor control system shall reduce VOC emissions by at least 95%. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
7. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit
8. If the source can demonstrate compliance with the provisions of Rule 4623, Section 5.7 (amended 5/19/05), then any deviations that are addressed under the provisions of Tables 3 through 5 shall not be in violation of Rule 4623. [District Rule 4623, 5.7] Federally Enforceable Through Title V Permit
9. Except as otherwise provided in this permit, tank roof appurtenances shall be maintained leak-free. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
10. Except as otherwise provided in this permit, all piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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12. Except as otherwise provided in this permit, a reading in excess of 10,000 ppmv above background is a violation of this permit and shall be reported as a deviation. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Except as otherwise provided in this permit, any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
14. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
15. If any of the tank components are found to be leaking, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
16. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event shall the total time to minimize and eliminate the leak exceed 56 hours after detection. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
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19. Any component found to be leaking on two consecutive annual inspections is in violation of District Rule 4623, Section 5.7, even if it is under the voluntary inspection and maintenance program. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
20. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Except as otherwise provided in this permit, the operator shall ensure that the vapor recovery system is functional and is operating as designed at all times. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT C

Emissions Increases

SSIPE (lb/yr)				
NOx	VOC	CO	SOx	PM10
0	0	0	0	0

ATTACHMENT D

Application

MAY 16 2013



Jason H. Donchin
Health, Environment, and
Safety Manager

San Joaquin Valley Southern Region
Chevron North America
Exploration and Production
P.O. Box 1392
Bakersfield, CA 93302

May 16, 2013

Mr. Leonard Scandura, P.E.
Regional Manager, Permit Services
San Joaquin Valley Unified APCD
34946 Flyover Court
Bakersfield, CA 93308

Re: Title V Minor Modification to Implement ATC S-2010-142-18

Dear Mr. Scandura:

Chevron's application for modification of Title V permits is attached for your review and approval. The requested modification will implement Authority to Construct S-2010-142-18. The subject ATC was approved under project S-1130383.

Our Compliance Certification is also attached. Please bill us for the review fees, as allowed.

If you have any questions, or require additional information, please contact Mr. Lance Ericksen at (661) 654-7145.

Sincerely,

A handwritten signature in black ink, appearing to read "Jason H. Donchin".

Jason H. Donchin

Attachments

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San Joaquin Valley Air Pollution Control District

www.valleyair.org

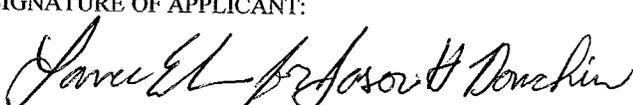
RECEIVED

MAY 16 2013

SJVAPCD
Southern Region

Permit Application For:

[] ADMINISTRATIVE AMENDMENT [X] MINOR MODIFICATION [] SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: <p style="text-align: center;">CHEVRON U.S.A. INC.</p>	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>PO BOX 1392</u> CITY: <u>BAKERSFIELD</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>93302</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>Light Oil Western Source</u> CITY: _____ _____ ¼ SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: <u>CRUDE OIL AND GAS PRODUCTION</u>	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Implementation of ATC S-2010-142-18 Delete S-2010-147 from list of tanks served by the vapor control system tank'147 has been removed.	
6. TYPE OR PRINT NAME OF APPLICANT: Jason H. Donchin	TITLE OF APPLICANT: HES Manager
7. SIGNATURE OF APPLICANT: 	DATE: <u>5/16/2013</u> PHONE : (661) 654-7145 FAX : (661) 654-7606 EMAIL: Lance.Ericksen@chevron.com

For APCD Use Only: NO \$

DATE STAMP	FILING FEE RECEIVED : \$ _____ CHECK#: _____ DATE PAID: _____ PROJECT NO: <u>S-1132021</u> FACILITY ID: <u>S-2010</u>
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RECEIVED
MAY 16 2013
SJVAPCD
Southern Region

San Joaquin Valley
Unified Air Pollution Control District

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: CHEVRON U.S.A. INC.	FACILITY ID: S-2010
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: CHEVRON U.S.A. INC.	
3. Agent to the Owner: N/A	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:

for PB Bell
Signature of Responsible Official

5/11/2013
Date

Jerid Bell

Name of Responsible Official (please print)

ATC S-2010-142-18 Delete tank T-6 (S-2010-147)

Operations Supervisor

Title of Responsible Official (please print)



AUTHORITY TO CONSTRUCT

PERMIT NO: S-2010-142-18

ISSUANCE DATE: 04/02/2013

LEGAL OWNER OR OPERATOR: CHEVRON USA INC
MAILING ADDRESS: PO BOX 1392
BAKERSFIELD, CA 93302

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
CA

SECTION: NW32 TOWNSHIP: 26S RANGE: 21E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 2,000 BBL FIXED ROOF CRUDE OIL STORAGE TANK (#T-3) CONNECTED TO VAPOR CONTROL SYSTEM CONSISTING OF THREE VAPOR COMPRESSOR SKIDS, TANK BLANKET GAS SCRUBBER, AND VAPOR PIPING (LOCATED AT 32 U.S. OIL CLEANING PLANT: REMOVE TANK S-2010-147 FROM VAPOR CONTROL SYSTEM

CONDITIONS

1. The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. The tank shall be equipped with a vapor control system consisting of a closed vent system that collects all VOCs from the storage tank. The vapor control system shall be APCO-approved and maintained in leak-free condition. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
3. The following tanks shall be connected to vapor control system: S-2010-142 (T-3), S-2010-143 (T-8), S-2010-144 (T-12), S-2010-146 (T-2), S-2010-148 (T-7), S-2010-223 (T-12A), S-2010-224 (T-8A), and S-2010-297 (T-301). [District Rule 2201]
4. Vapor control system shall consist of vapor collection piping and four vapor compressor skids. Each vapor compressor skid shall consist of one compressor, liquid knockout vessel(s) and/ or scrubber(s), condensate and/ or lube oil pump(s). Vapors are sent to sales gas pipeline or used as a tank blanket gas. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

5. Permittee shall maintain accurate component count for tank, compressor skids, and tank vapor control piping according to CAPCOA's "California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities," Table IV-2c (Feb 1999), Screening Value Range emission factors < 10,000 ppmv. Permittee shall update such records when new components are approved and installed. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Fugitive emissions from tank, compressor skids, and tank vapor control piping shall not exceed 2.4 lb VOC/ day. [District Rule 2201]
7. The vapor control system shall reduce VOC emissions by at least 95%. [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
8. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit
9. If the source can demonstrate compliance with the provisions of Rule 4623, Section 5.7 (amended 5/19/05), then any deviations that are addressed under the provisions of Tables 3 through 5 shall not be in violation of Rule 4623. [District Rule 4623, 5.7]
10. Except as otherwise provided in this permit, tank roof appurtenances shall be maintained leak-free. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
11. Except as otherwise provided in this permit, all piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
12. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
13. Except as otherwise provided in this permit, a reading in excess of 10,000 ppmv above background is a violation of this permit and shall be reported as a deviation. [District Rule 2201] Federally Enforceable Through Title V Permit
14. Except as otherwise provided in this permit, any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
15. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
16. If any of the tank components are found to be leaking, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
17. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event shall the total time to minimize and eliminate the leak shall exceed 56 hours after detection. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
18. Leaking tank components affixed to the tank or within five feet of the tank that have been discovered by the operator and that have been immediately tagged and repaired within the specified deadlines, shall not constitute a violation of the District Rule 4623, Section 5.7 (amended 12/20/01). However, leaking components discovered during inspections by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within specified deadlines, shall constitute a violation of the District Rule 4623, Section 5.7 (amended 12/20/01). [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit

19. If a component type for a given tank is found to leak during an annual inspection, then conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If a component type is found to have no leak after four consecutive quarterly inspections, then revert to annual inspections. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
20. Any component found to be leaking on two consecutive annual inspections is in violation of the District Rule 4623, Section 5.7 (amended 12/20/01), even if it is under the voluntary inspection and maintenance program. [District Rule 4623, 5.7 (Table 3)] Federally Enforceable Through Title V Permit
21. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. Except as otherwise provided in this permit, the operator shall ensure that the vapor recovery system is functional and is operating as designed at all times. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. Operator shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
24. ATC S-2010-142-16 shall be implemented prior to or concurrently with this ATC. [District Rule 2201]