



JUL 30 2012

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-1216
Project # S-1121822

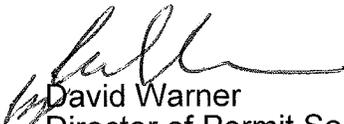
Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. Occidental of Elk Hills, Inc. is proposing a Title V minor permit modification to incorporate the recently issued S-1216-47-2 into the Title V operating permit. The modification consists of the addition of a separator vessel (V-2), a gas boot (V-1), and associated components to uncontrolled tank permit S-1216-47.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-1216-47-2, 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



JUL 30 2012

Raymond Rodrigez
Occidental of Elk Hills, Inc.
10800 Stockdale Highway
Bakersfield, CA 93311

**Re: Notice of Minor Title V Permit Modification
District Facility # S-1216
Project # S-1121822**

Dear Mr. Rodrigez:

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-1216-47-2 into the Title V operating permit. The modification consists of the addition of a separator vessel (V-2), a gas boot (V-1), and associated components to uncontrolled tank permit S-1216-47.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-1216-47-2, 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

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TITLE V APPLICATION REVIEW

Minor Modification
Project #: S-1121822

Engineer: Steve Davidson
Date: July 2, 2011

Facility Number: S-1216
Facility Name: Occidental of Elk Hills
Mailing Address: 10800 Stockdale Highway
Bakersfield, CA 93311

Reviewed by *AP SURR AQE*
JUL 26 2012

Contact Name: Raymond Rodriguez
Phone: (661) 412-5263

Responsible Official: Armando G. Gonzalez
Title: Health, Environmental, Safety & Security Manager

I. PROPOSAL

Occidental of Elk Hills (Oxy) is proposing a Title V minor permit modification to incorporate the recently issued ATC S-1216-47-2 into the Title V operating permit. The modification consists of the addition of a separator vessel (V-2), a gas boot (V-1), and associated components to uncontrolled tank permit S-1216-47.

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

Buena Vista 10D Site, Buena Vista Hills Lease
Kern County Light Oil Western Stationary Source
NE/4 Section: 10 Township: 32S Range 24E

III. EQUIPMENT DESCRIPTION

S-1216-47-3: 300 BBL FIXED ROOF CRUDE OIL WASH TANK T-2, INCLUDING SEPARATOR VESSEL V-2, WITH VAPOR SPACE VENTED TO GAS GATHERING SYSTEM, AND GAS BOOT VESSEL V-1, WITH VAPOR SPACE TIED TO TANK VAPOR

SPACE SERVED BY A PRESSURE-VACUUM VENT. (SECTION
 10D TANK SETTING, BUENA VISTA HILLS)

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

Oxy added a separator vessel (V-2), a gas boot (V-1), and associated components to uncontrolled tank permit S-1216-47. Both vessels operate in conjunction with the tank.

Condition # on PTO S-1216-47-1	Condition # on Propose PTO S-1216-47-3	Condition is New, Modified, or Removed	Reason for Change from Current PTO
1	2	New	Condition stating the operations requirements of the PV valve updated to current District wording.
--	3, 4, and 5	New	Rule 4623 leak free condition added to permit
3, 4, 5, 6, 7, 8, and 9	--	Removed	Rule 4623 conditions requiring TVP limit, testing, reporting, and recordkeeping requirements removed. Exempt per Rule 4623, Section 6.2.3.
--	7	New	Condition requiring vessel V-2 to comply with District Rule 4409 added to the permit.
--	8	New	Daily emissions limit condition added to the permit for Vessels V-1 and V-2.
--	9	New	Condition requiring accurate component counts and emissions calculations added to the permit.
10	10	Modified	Condition requiring operator to comply with Rule 4623 inspection and maintenance requirements listed on the facility wide permit to remain on permit. Facility wide permit condition numbers removed from the permits condition.
--	11	New	Condition requiring operator to maintain a Rule 4623 inspection log added to the permit.
11, 12, 13, and 14	12, 13, 14 ,and 15	Remaining	Rule 4623 tank cleaning conditions placed on the initial Title V permit (current PTO) will remain on the permit.
15	15	Modified	Condition requiring records to be maintained for 5 years updated to current District wording.

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;

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.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No. S-1216-47-3
- B. Authority to Construct No. S-1216-47-2
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit No. S-1216-47-1

ATTACHMENT A

Proposed Modified Title V Operating Permit No.
(S-1216-47-3)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1216-47-3

EXPIRATION DATE: 08/31/2016

SECTION: NE10 TOWNSHIP: 32S RANGE: 24E

EQUIPMENT DESCRIPTION:

300 BBL FIXED ROOF CRUDE OIL WASH TANK T-2, INCLUDING SEPARATOR VESSEL V-2, WITH VAPOR SPACE VENTED TO GAS GATHERING SYSTEM, AND GAS BOOT VESSEL V-1, WITH VAPOR SPACE TIED TO TANK VAPOR SPACE SERVED BY A PRESSURE-VACUUM VENT. (SECTION 10D TANK SETTING, BUENA VISTA HILLS)

PERMIT UNIT REQUIREMENTS

1. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak free condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
3. All piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
4. Any tank gauging or sampling device on the tank shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623] Federally Enforceable Through Title V Permit
5. Tank T-2 and gas boot vessel V-1 shall be in a leak free condition. 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. A reading in excess of 10,000 ppmv above background is a violation of this permit. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
6. Wash tank shall be operated at constant level. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Components associated with separator vessel V-2 shall comply with all applicable Rule 4409 requirements listed in the facility wide permit. [District Rule 4409] Federally Enforceable Through Title V Permit
8. VOC fugitive emissions from liquid and vapor components serving vessels V-2 and V-1, including liquid pump(s), shall not exceed 0.08 lb/day. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Permittee shall maintain accurate component count for separator vessels V-2 and gas boot vessel V-1 and resulting emissions calculated using 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
10. The tank shall comply with the voluntary inspection and maintenance program requirements of the Facility-Wide Permit S-1216-0-1. [District Rule 4623] 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. 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 Rules 2201 and 4623] Federally Enforceable Through Title V Permit
12. Permittee shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623] Federally Enforceable Through Title V Permit
13. This tank shall not be required to de-gas before commencing cleaning activities. All other applicable requirements shall be complied with before, during, and after tank cleaning activities. [District Rule 4623] Federally Enforceable Through Title V Permit
14. While performing tank cleaning activities, operators may only use the following cleaning agents: diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623] Federally Enforceable Through Title V Permit
15. Tank steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623] Federally Enforceable Through Title V Permit
16. Operator shall maintain all records of required monitoring data and support information and make such records available for inspection upon request for a period of five years. [District Rule 1070]
17. Formerly S-1130-92-0
18. Formerly S-1641-48.
19. Formerly S-382-779.

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

DRAFT

ATTACHMENT B

Authorities to Construct No.
(S-1216-47-2)



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1216-47-2

ISSUANCE DATE: 10/27/2011

LEGAL OWNER OR OPERATOR: OCCIDENTAL OF ELK HILLS INC
MAILING ADDRESS: 10800 STOCKDALE HIGHWAY
BAKERSFIELD, CA 93311

LOCATION: LIGHT OIL WESTERN

SECTION: NE10 TOWNSHIP: 32S RANGE: 24E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 300 BBL FIXED ROOF CRUDE OIL WASH TANK T-2 WITH GAS BOOT V-1, BOTH SERVED BY A SHARED PRESSURE-VACUUM VENT (SECTION 10D TANK SETTING, BUENA VISTA HILLS); ADD PRESSURE SEPARATOR VESSEL V-2, WITH VAPOR SPACE VENTED TO GAS GATHERING SYSTEM

CONDITIONS

1. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623]
2. All piping, valves, and fittings shall be constructed and maintained in a leak-free condition. [District Rule 4623]
3. Any tank gauging or sampling device on the tank shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]
4. Tank T-2 and gas boot vessel V-1 shall be in a leak free condition. 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. A reading in excess of 10,000 ppmv above background is a violation of this permit. [District Rules 2201 and 4623]
5. Wash tank shall be operated at constant level. [District NSR Rule]
6. Components associated with separator vessel V-2 shall comply with all applicable Rule 4409 requirements listed in the facility wide permit. [District Rule 4409]

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

S-1216-47-2 Oct 27 2011 11:02AM - BUSSM : Joint Inspection NOT Required

7. VOC fugitive emissions from liquid and vapor components serving vessels V-2 and V-1, including liquid pump(s), shall not exceed 0.08 lb/day. [District Rule 2201]
8. Permittee shall maintain accurate component count for separator vessels V-2 and gas boot vessel V-1 and resulting emissions calculated using 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]
9. 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 Rules 2201 and 4623]
10. 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 Rules 2201 and 4623]
11. Operator shall maintain all records of required monitoring data and support information and make such records available for inspection upon request for a period of five years. [District Rule 1070]
12. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
13. Formerly S-1130-92-0
14. Formerly S-1641-48.
15. Formerly S-382-779.

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
S-1216-47-2	0	29	0	0	0
TOTAL	0	29	0	0	0

ATTACHMENT D

Application

5-1216-47-3

San Joaquin Valley Air Pollution Control District RECEIVED

www.valleyair.org

MAY 30 2012

Permit Application For:

SJVAPCD
Southern Region

ADMINISTRATIVE AMENDMENT MINOR MODIFICATION SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: <p style="text-align: center;">Occidental of Elk Hills, Inc</p>	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>10800 Stockdale Hwy</u> CITY: <u>Bakersfield</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>93311</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>Elk Hills</u> CITY: <u>Tupman</u> _____ ¼ SECTION _____ TOWNSHIP _____ RANGE _____	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: <u>Oil and Natural 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) <u>Incorporate the following ATC into S-1216 Title V Permit: S-1216-47-2</u>	
6. TYPE OR PRINT NAME OF APPLICANT: <p style="text-align: center;"><u>Raymond Rodriguez</u></p>	TITLE OF APPLICANT: <p style="text-align: center;"><u>Sr. Environmental Advisor</u></p>
7. SIGNATURE OF APPLICANT: 	DATE: <u>5/29/2012</u> PHONE: (661) 412-5263 FAX: (661) 412-5270 EMAIL: <u>Raymond_rodriguez@oxy.com</u>

For APCD Use Only:

Vector Envir.

DATE STAMP	FILING FEE RECEIVED: \$ <u>71.00</u> CHECK#: <u>9771</u>
	DATE PAID: <u>5-30-12 Pm</u>
	PROJECT NO: <u>S-1121822</u> FACILITY ID: <u>S-1216</u>

Title V - Minor Mod

San Joaquin Valley
Unified Air Pollution Control District

RECEIVED
MAY 30 2012
SJVAPCD
Southern Region

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE AMENDMENT
 MINOR PERMIT MODIFICATION

COMPANY NAME: Occidental of Elk Hills, Inc	FACILITY ID: S - 1216
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: Occidental of Elk Hills, Inc	
3. Agent to the Owner: Occidental of Elk Hills, Inc.	

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:

Armando G. Gonzalez
Signature of Responsible Official

5/29/2012
Date

Armando Gonzalez

Name of Responsible Official (please print)

Health, Environmental, Safety & Security Manager

Title of Responsible Official (please print)



OCCIDENTAL OF ELK HILLS, INC.
10800 Stockdale Highway Bakersfield, California 93311
Telephone 661 412-5000

RECEIVED

MAY 30 2012

SJVAPCD
Southern Region

May 29, 2012

Mr. Leonard Scandura
Permit Services Manager
San Joaquin Valley APCD – Southern Region
34946 Flyover Court
Bakersfield, CA 93308

Subject: Minor Modification to Occidental of Elk Hills, Inc.
Title V Permit (S-1216)

Dear Mr. Scandura:

Pursuant to Title V permit requirements, Occidental of Elk Hills, Inc. (OEHI) requests District approval for an Minor Amendment of facility S-1216 Title V Permit to include the following Authority to Construct:

S-1216-47-2

Please bill OEHI for all administrative costs associated with this request. If you have any questions or require addition information concerning this issue, please contact me directly at (661) 412-5263 or on my cellular phone at (661) 204-9236.

Yours sincerely,

A handwritten signature in black ink that reads "Raymond Rodriguez".

Raymond Rodriguez
Sr. Environmental Advisor
Occidental of Elk Hills, Inc.

Cc: Mike Glavin, OEHI
Kevin Madry, ERM

ATTACHMENT E

Previous Title V Operating Permit No.'s
(1216-47-1)

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-1216-47-1

EXPIRATION DATE: 08/31/2016

SECTION: NE10 **TOWNSHIP:** 32S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

300 BBL FIXED ROOF PETROLEUM WASH TANK SERVED BY A PRESSURE-VACUUM VENT (SECTION 10 TANK SETTING, BUENA VISTA HILLS)

PERMIT UNIT REQUIREMENTS

1. The pressure-vacuum relief valve shall be set to within ten (10) percent of the maximum allowable working pressure of the tank. The pressure-vacuum relief valve shall be permanently labeled with the operating pressure settings. The pressure-vacuum relief valve shall be properly installed and maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in leak-free condition except when the operating pressure exceeds the valve set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Wash tank shall be operated at constant level. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The tank shall exclusively receive and/or store crude oil with a TVP of less than 11 psia. [District Rule 4623] Federally Enforceable Through Title V Permit
4. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
5. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
6. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The API gravity of crude oil or petroleum distillate shall be determined by using ASTM Method D 287 e1 "Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method). Sampling for API gravity shall be performed in accordance with ASTM Method D 4057 "Standard Practices for Manual Sampling of Petroleum and Petroleum Products." [District Rule 4623] Federally Enforceable Through Title V Permit
8. Operator shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The record shall include the tank identification number, PTO number, type of stored organic liquid, TVP and API gravity of the stored organic liquid, test methods used, and a copy of the test results. An operator who uses the information in Appendix A of District Rule 4623 (5/19/05) to demonstrate the TVP and/or API gravity of the stored organic liquid shall submit information to the APCO within 45 days after the date that the type of organic liquid stored in the tank has been determined. [District Rule 4623] 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.

9. Permittee shall keep an accurate record of each organic liquid stored, including its storage temperature, TVP, and API gravity. [District Rule 4623] Federally Enforceable Through Title V Permit
10. The tank shall comply with the voluntary inspection and maintenance program requirements of conditions 99 through 107 of the Facility-Wide Permit S-1216-0-1. [District Rule 4623] Federally Enforceable Through Title V Permit
11. Permittee shall notify the APCO in writing at least three (3) days prior to performing tank degassing and interior tank cleaning activities. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank being degassed, 2) the date and time that tank degassing and cleaning activities will begin, 3) the degassing method, as allowed in this permit, to be used, 4) the method to be used to clean the tank, including any solvents to be used, and 5) the method to be used to dispose of any removed sludge, including methods that will be used to control emissions from the receiving vessel and emissions during transport. [District Rule 4623] Federally Enforceable Through Title V Permit
12. This tank shall not be required to de-gas before commencing cleaning activities. All other applicable requirements shall be complied with before, during, and after tank cleaning activities. [District Rule 4623] Federally Enforceable Through Title V Permit
13. While performing tank cleaning activities, operators may only use the following cleaning agents: diesel, solvents with an initial boiling point of greater than 302 degrees F, solvents with a vapor pressure of less than 0.5 psia, or solvents with 50 grams of VOC per liter or less. [District Rule 4623] Federally Enforceable Through Title V Permit
14. Tank steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 4623] Federally Enforceable Through Title V Permit
15. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit
16. Formerly S-1130-92-0
17. Formerly S-1641-48.
18. Formerly S-382-779.

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