



SEP 1 8 2018

Mr. Kris Rickards Chevron USA, Inc P.O. Box 1392 Bakersfield, CA 93302

Re: Final - Authorities to Construct / Certificates of Conformity (Significant

Mod)

Facility Number: S-1141 Project Number: S-1173494

Dear Mr. Rickards:

The Air Pollution Control Officer has issued Authorities to Construct (ATCs) S-1141-127-50, '-128-16, '-129-16, '-130-14, '-131-15, '-571-6, '-572-6, '-585-9, '-590-4, '-591-5, '-612-0 and '-613-0 with Certificates of Conformity to Chevron USA, Inc at Heavy Oil Western Stationary Source. The project authorizes tank modifications. Enclosed are the ATCs and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the ATCs was published on July 19, 2018. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on July 16, 2018. No comments were received following the District's preliminary decision on this project.

Prior to operating with the modifications authorized by the ATCs, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5. Application forms are found on the District's website at www.valleyair.org/permits/TVforms.

Samir Sheikh
Executive Director/Air Pollution Control Officer

Mr. Kris Rickards Page 2

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

Arnaud Marjollet Director of Permit Services

Enclosures

Sincerely,

CC:

Tung Le, CARB (w/enclosure) via email Gerardo C. Rios, EPA (w/enclosure) via email CC:





Facility # S-1141 CHEVRON USA INC PO BOX 1392 BAKERSFIELD, CA 93302

# AUTHORITY TO CONSTRUCT (ATC) QUICK START GUIDE

- 1. Pay Invoice: Please pay enclosed invoice before due date.
- 2. **Modify Your Title V Permit.** Prior to operating the equipment authorized under this ATC, submit an application to modify your Title V permit. See application forms at http://www.valleyair.org/busind/pto/ptoforms/1ptoformidx.htm.
- 3. Fully Understand ATC: Make sure you understand ALL conditions in the ATC prior to construction, modification and/or operation.
- 4. **Follow ATC**: You must construct, modify and/or operate your equipment as specified on the ATC. Any unspecified changes may require a new ATC.
- 5. **Notify District**: You must notify the District's Compliance Department, at the telephone numbers below, upon start-up and/or operation under the ATC. Please record the date construction or modification commenced and the date the equipment began operation under the ATC. You may NOT operate your equipment until you have notified the District's Compliance Department. A startup inspection may be required prior to receiving your Permit to Operate.
- 6. **Source Test**: Schedule and perform any required source testing. See http://www.valleyair.org/busind/comply/source\_testing.htm for source testing resources.
- 7. **Maintain Records**: Maintain all records required by ATC. Records are reviewed during every inspection (or upon request) and must be retained for at least 5 years. Sample record keeping forms can be found at http://www.valleyair.org/busind/comply/compliance\_forms.htm.

By operating in compliance, you are doing your part to improve air quality for all Valley residents.

For assistance, please contact District Compliance staff at any of the telephone numbers listed below.

Samir Sheikh 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





PERMIT NO: S-1141-127-50

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

CA

TOWNSHIP: 32S RANGE: 23E SECTION: SW 09

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 3,000 BBL FIXED ROOF CRUDE OIL TANK #T-127, DEPURATORS, TWO NATURAL GAS-FIRED EXEMPT HEATER TREATERS (T9 AND T10) (EACH RATED LESS THAN 5.0 MMBTU/HR), AND SHARED VAPOR CONTROL EQUIPMENT INCLUDING INTAKE AND DISCHARGE HEAT EXCHANGERS, GAS-LIQUID SEPARATOR(S), COMPRESSOR(S) SERVING PERMIT UNITS S-1141-127 THROUGH '-131, '-560, '-571, '-572, '-575, '-576, '-577, '-578, '-579, '-580, '-585, '-591 AND '-605; INCLUDING OPTIONAL USE H2S SCRUBBER, AND VAPOR PIPING DISCHARGING TO STEAM GENERATORS S-1141-26, '-31, '-515, '-549, '-550, '-551, '-552, '-553, '-555, '-556, '-557, '-558, EMERGENCY FLARE S-1141-513, AND/OR DOGGR APPROVED DISPOSAL WELL(S): ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD AND MOVE DEPURATORS TO SEPERATE PTOS S-1141-612-0 & '-613-0

## CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- ATCs S-1141-612-0 and '-613-0 for moving depurators to a separate permit shall be implemented concurrently with this ATC [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.

Samir Sheikh, Executive Director / APCO

paud Marjollet, Director of Permit Services

- 4. Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 12 lb, 2nd quarter- 12 lb, 3rd quarter- 12 lb, and 4th quarter- 12 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- 5. ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. The tank shall be equipped with a vapor control system consisting of a closed vent system that collects all VOCs from the storage tank, except during periods of tank cleaning and maintenance. Collected vapors shall be disposed of in APCO approved control devices listed in this permit. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201 and 2520, 9.4.2] Federally Enforceable Through Title V Permit
- 15. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight (Wt %). [District Rule 2201] Federally Enforceable Through Title V Permit
- 17. VOC content of vapor shall be determined by ASTM D1945, ASTM D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit

- 18. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District NSR Rule and District Rule 2520] Federally Enforceable Through Title V Permit
- 19. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 20. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-128-16

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

SECTION: NW09 TOWNSHIP: 32S RANGE: 23E

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 3000 BBL FIXED ROOF CRUDE OIL TANK #109-C3 SERVED BY VAPOR CONTROL EQUIPMENT LISTED ON S-1141-127; CRUDE OIL IS RECEIVED FROM ON-SITE STATION 1-09 AND STATION 3-09 (S-1130): ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

## CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 6 lb, 2nd quarter- 6 lb, 3rd quarter- 6 lb, and 4th quarter- 6 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

Mariollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
- Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201]
   Federally Enforceable Through Title V Permit
- 7. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 10. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-129-16

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

SECTION: NW09 TOWNSHIP: 32S RANGE: 23E

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 3,000 BBL FIXED ROOF CRUDE OIL TANK #109-C2 SERVED BY VAPOR CONTROL EQUIPMENT LISTED ON S-1141-127; CRUDE OIL IS RECEIVED FROM ON-SITE STATION 1-09 AND STATION 3-09 (S-1130): ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

## CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 18 lb, 2nd quarter- 18 lb, 3rd quarter- 18 lb, and 4th quarter-18 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO

raud Marjollet, Director of Permit Services 41-129-16 Sep 12 2018 2:19PM -- RINALDIR Joint Inspection NOT Required

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
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- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-130-14

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

SECTION: NW09 TOWNSHIP: 32S

RANGE: 23E

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 3,000 BBL CRUDE OIL TANK #109-C1 SERVED BY VAPOR CONTROL SYSTEM LISTED ON S-1141-127-2; CRUDE OIL IS RECEIVED FROM ON-SITE STATION 1-09 AND STATION 3-09 (S-1130): ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
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Samir Sheikh, Executive Director / APCO

graud Marjollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District NSR Rule and District Rule 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-131-15

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

TOWNSHIP: 32S RANGE: 23E SECTION: NW09

#### **EQUIPMENT DESCRIPTION:**

MODIFICATION OF 3,000 BBL FIXED ROOF CRUDE OIL TANK #109-P2 SERVED BY VAPOR CONTROL EQUIPMENT LISTED ON S-1141-127; CRUDE OIL IS RECEIVED FROM ON-SITE STATION 1-09 AND STATION 3-09 (S-1130): ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 12 lb, 2nd quarter- 12 lb, 3rd quarter- 12 lb, and 4th quarter-12 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

naud Marjollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
- Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District NSR Rule and District Rule 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-571-6

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC.

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

TOWNSHIP: 32S RANGE: 23E SECTION: SW09

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 3,000 BBL FIXED ROOF WATER STORAGE TANK (T-600) SERVED BY VAPOR CONTROL SYSTEM LISTED ON S-1141-127: ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 10 lb, 2nd quarter- 10 lb, 3rd quarter- 10 lb, and 4th quarter-10 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

Marjollet, Director of Permit Services S-1141-571-6 Sep 12 2018 2:19PM - RINALDIR . Joint Inspection NOT Pequired

- 5. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 8. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District 2201 Rule] Federally Enforceable Through Title V Permit
- 10. Emissions from this tank and associated tank vapor recovery system components, which are not exempt from fugitive component counts, shall not exceed 0.0 lb-VOC/day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
- 12. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District NSR Rule and District Rule 2520] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 18. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-572-6

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

SECTION: SW09 TOWNSHIP: 32S RANGE: 23E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 3,000 BBL FIXED ROOF WATER STORAGE TANK (T-900) SERVED BY VAPOR CONTROL SYSTEM LISTED ON S-1141-127: ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

## CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 8 lb, 2nd quarter- 8 lb, 3rd quarter- 8 lb, and 4th quarter- 8 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services S-1141-572-6 Sep 12 2018 2 19PM -- RINALDIR

- 5. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District NSR Rule] Federally Enforceable Through Title V Permit
- Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and
  maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable
  Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Emissions from this tank and associated tank vapor recovery system components, which are not exempt from fugitive component counts, shall not exceed 0.0 lb-VOC/day. [District NSR Rule] Federally Enforceable Through Title V Permit
- 11. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
- 12. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District NSR Rule and District Rule 2520] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 18. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-585-9

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

CA

#### **EQUIPMENT DESCRIPTION:**

MODIFICATION OF 10,000 BBL FIXED ROOF CRUDE OIL STORAGE TANK VENTED TO VAPOR CONTROL SYSTEM LISTED ON S-1141-127: ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

## CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 16 lb, 2nd quarter- 16 lb, 3rd quarter- 16 lb, and 4th quarter-16 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

Marnaud Marjollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-590-4

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

PO BOX 1392

MAILING ADDRESS:

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

CA

SECTION: SW9 TOWNSHIP: 32S RANGE: 23E

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 8,750 BBL VAPOR CONTROLED FIXED ROOF PRODUCED WATER STORAGE TANK VENTED TO THE VAPOR CONTROL SYSTEM LISTED ON PERMIT S-1141-127: ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 17 lb, 2nd quarter- 17 lb, 3rd quarter- 17 lb, and 4th quarter-17 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [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.

Samir Sheikh, Executive Director / APCO

h Amaud Marjollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-591-5

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

TOWNSHIP: 32S SECTION: SW9

RANGE: 23E

**EQUIPMENT DESCRIPTION:** 

MODIFICATION OF 8.750 BBL VAPOR CONTROLED FIXED ROOF PRODUCED WATER STORAGE TANK VENTED TO THE VAPOR CONTROL SYSTEM LISTED ON PERMIT S-1141-127: ADD PROVISIONS FOR TANK TO BE DISCONNECTED FROM VAPOR CONTROL SYSTEM FOR UP TO 600 HOURS PER 12-MONTH ROLLING PERIOD

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- Prior to operating equipment under this Authority to Construct, permittee shall surrender emission reduction credits for the following quantities of emissions: VOC: 1 st quarter- 17 lb, 2nd quarter- 17 lb, 3rd quarter- 17 lb, and 4th quarter-17 lb. These amounts include the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 4/21/11) for the ERCs specified below. [District Rule 2201] Federally Enforceable Through Title V Permit
- ERC Certificate Number S-4558-1 (or a certificate split from this certificate) shall be used to supply the required offsets, unless a revised offsetting proposal is received and approved by the District, upon which this Authority to Construct shall be reissued, administratively specifying the new offsetting proposal. Original public noticing requirements, if any, shall be duplicated prior to reissuance of this Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit

#### CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO

Manud Marjollet, Director of Permit Services

- 5. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
- 6. Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 7. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit
- 8. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 9. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and, 2520] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 17. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-612-0

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

CA

**EQUIPMENT DESCRIPTION:** 

1,048 BBL WEMCO AIR FLOATATION UNIT #ME-101 WITH GAS BLANKETING, SERVED BY THE VAPOR CONTROL SYSTEM LISTED ON S-1141-127 (FORMERLY LISTED ON PTO S-1141-127)

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- ATCs S-1141-127-50 shall be implemented prior to or concurrently with this ATC [District Rule 2201] Federally Enforceable Through Title V Permit
- 4. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
- Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 6. Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [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.

Samir Sheikh, Executive Director ! APCO

naud Marjollet, Director of Permit Services 41-512-0 Sep 12 2018 2 19PM - RINALDIR Joint Inspection NOT Required

- 7. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 8. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
- 13. VOC content of vapor by weight percent (wt.%) shall be determined using American Society of Testing and Materials (ASTM) D1945, D1946, EPA Method 18 referenced as methane, or equivalent test method with prior District approval. [District Rule 2201] Federally Enforceable Through Title V Permit
- 14. This unit is subject to Heavy Oil Tank Inspection and Maintenance Conditions on the facility wide permit S-1141-0. [District Rules 2201 and, 2520] Federally Enforceable Through Title V Permit
- 15. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit





PERMIT NO: S-1141-613-0

**ISSUANCE DATE: 09/12/2018** 

LEGAL OWNER OR OPERATOR: CHEVRON USA INC

MAILING ADDRESS:

PO BOX 1392

BAKERSFIELD, CA 93302

LOCATION:

HEAVY OIL WESTERN STATIONARY SOURCE

CA

#### **EQUIPMENT DESCRIPTION:**

1,048 BBL WEMCO AIR FLOATATION UNIT #ME-201 WITH GAS BLANKETING, SERVED BY THE VAPOR CONTROL SYSTEM LISTED ON S-1141-127 (FORMERLY LISTED ON PTO S-1141-127)

#### CONDITIONS

- This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
- Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
- ATCs S-1141-127-50 shall be implemented prior to or concurrently with this ATC [District Rule 2201] Federally Enforceable Through Title V Permit
- This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
- Tank shall vent only to vapor control equipment listed in S-1141-127 except during periods of tank cleaning and maintenance. VOC emissions shall be reduced by at least 99% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- Vapor control system may be inoperable during maintenance/repairs/upset conditions of tanks S-1141-127, -128, -129, -130, -131, -571, -572, -585, -590, -591, -612 and -613 for up to 600 hours per tank per 12-month rolling period. District-approved breakdowns and relief periods granted by variance and supported by the District shall not be included in this limit. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO

paud Marjollet, Director of Permit Services

- 7. Vapor control system will remain operable at all times for front line production equipment defined in section 3.15 of Rule 4401 including tanks S-1141-560, -575, -576, -577, -578, -579, -580, and -605. [District Rules 2201 & 4401] Federally Enforceable Through Title V Permit
- 8. During temporary periods of maintenance/repair/upsets covered by this permit, operator shall use work practices to minimize VOC emissions including: near constant level tank operation, use of operational P/V valve where possible, work completed expeditiously with pre-staging of equipment and material and pre-fabrication of parts, minimization of tank openings and liquid drainage from disconnects, storage of coatings, adhesives, sealants, and organic solvents in closed containers. [District Rule 2201] Federally Enforceable Through Title V Permit
- 9. Maximum VOC content of vapor in the tank vapor space shall not exceed 10% by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
- 10. When disconnected from the vapor control system for maintenance/repairs/upset conditions, tank will store organic liquid with a true vapor pressure less than 0.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
- 11. Records of the dates, hr/day, and hr/yr when vapor control system is inoperable for tank maintenance/repairs/upset conditions shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
- 12. Operator shall conduct quarterly sampling from the Station 1-09 tank vapor recovery system to qualify for exemption from fugitive component counts for components handling fluids with less than 10% VOC by weight. If fluids sampled are less than 10% VOC by weight for 8 consecutive quarterly samplings, sampling frequency shall only be required annually. Such sampling is deemed representative of all components downstream of the equipment served by the vapor control system. [District Rule 2201] Federally Enforceable Through Title V Permit
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- 15. This unit is subject to Heavy Oil Tank Cleaning Conditions on the facility wide permit S-1141-0. [District Rule 2080] Federally Enforceable Through Title V Permit
- 16. This unit is subject to Heavy Oil Tank Testing Conditions on the facility wide permit S-1141-0. [District Rule 4623] Federally Enforceable Through Title V Permit