



**OCT 04 2011**

Mr. John Grubber  
Chevron USA, Inc.  
PO Box 1392  
Bakersfield, CA 93302

**Re: Notice of Final Decision - ATC / Certificate of Conformity  
Facility # S-1128  
Project # S-1110599**

Dear Mr. Grubber:

The Air Pollution Control Officer has issued Authority to Construct permits to Chevron USA, Inc. for its heavy oil facility in western Kern County, California. Chevron has requested to increase the throughput of four baker tanks.

Enclosed are copies of the Authority to Construct permits 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 Authority to Construct permits with Certificate of Conformity was published on August 5, 2011. The District's analysis of the proposal was also sent to US EPA Region IX on August 5, 2011. No comments were received following the District's preliminary decision on this project.

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.

Sincerely,

David Warner  
Director of Permit Services

Enclosures

DW: SD/cm

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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**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



OCT 04 2011

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

**Re: Notice of Final Decision - ATC / Certificate of Conformity  
Facility # S-1128  
Project # S-1110599**

Dear Mr. Rios:

The Air Pollution Control Officer has issued Authority to Construct permits to Chevron USA, Inc. for its heavy oil facility in western Kern County, California. Chevron has requested to increase the throughput of four baker tanks.

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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.

Thank you for your cooperation in this matter.

Sincerely,

David Warner  
Director of Permit Services

Enclosures

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Bakersfield, CA 93308-9725  
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**OCT 04 2011**

Mike Tollstrup, Chief  
Project Assessment Branch  
Air Resources Board  
P O Box 2815  
Sacramento, CA 95812-2815

**Re: Notice of Final Decision - ATC / Certificate of Conformity  
Facility # S-1128  
Project # S-1110599**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued Authority to Construct permits to Chevron USA, Inc. for its heavy oil facility in western Kern County, California. Chevron has requested to increase the throughput of four baker tanks.

Enclosed are copies of the Authority to Construct permits 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 Authority to Construct permits with Certificate of Conformity was published on August 5, 2011. The District's analysis of the proposal was also sent to US EPA Region IX on August 5, 2011. No comments were received following the District's preliminary decision on this project.

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.

Sincerely,

David Warner  
Director of Permit Services

Enclosures

DW: SD/cm

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

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

Bakersfield Californian

**NOTICE OF FINAL DECISION  
FOR THE ISSUANCE OF AUTHORITY TO CONSTRUCT AND  
THE PROPOSED MINOR MODIFICATION OF FEDERALLY  
MANDATED OPERATING PERMIT**

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to Chevron USA, Inc. for its heavy oil facility in western Kern County, California. Chevron has requested to increase the throughput of four baker tanks.

No comments were received following the District's preliminary decision on this project.

The application review for Project #S-1110599, is available for public inspection at [http://www.valleyair.org/notices/public\\_notices\\_idx.htm](http://www.valleyair.org/notices/public_notices_idx.htm) and the District office at the address below. **DAVID WARNER, DIRECTOR OF PERMIT SERVICES, SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 34946 FLYOVER CT, BAKERSFIELD, CA 93308.**



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-1128-974-2

**ISSUANCE DATE:** 09/20/2011

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

**LOCATION:** HEAVY OIL WESTERN STATIONARY SOURCE  
KERN COUNTY

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF UP TO 500 BBL FIXED ROOF CRUDE OIL TANK WITH PV VALVE AUTHORIZED TO OPERATE AT VARIOUS UNSPECIFIED LOCATIONS WITHIN THE HEAVY OIL WESTERN STATIONARY SOURCE (CAN BE OWNED BY PERMITTEE OR RENTED ON AN AS-NEEDED BASIS): INCREASE THROUGHPUT TO 3,000 BBL/DAY AND 293,825 BBL/YEAR.

## CONDITIONS

1. 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
2. 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
3. This tank is authorized to operate at CUSA's heavy oil western stationary source (HOWSS) which includes facilities S-1128, S-1129 and S-1141. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of the outer boundary of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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

Seyed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

S-1128-974-2 : Sep 21 2011 11:51AM - DAVIDSOS : Joint Inspection NOT Required

7. 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 and properly maintained in good operating order in accordance with the manufacturer's instructions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. 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
9. Tank liquid throughput shall not exceed 3,000 barrels per day. [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
10. Tank liquid throughput shall not exceed 293,825 barrels per year. [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
11. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed 462,350 BBLs/year, the nearest business receptor must be at least 500 meters away, and the nearest residential receptor must be at least 670 meters away when located at any location not specifically listed on this permit [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
12. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed 540,100 barrels per year at the 1Y Gauge Setting 17 (35.35312, -119.66393). [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
13. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed a 770,150 barrels per year at the following locations combined: 31X Oil Cleaning Plant (35.35543, -119.65096), the McKittrick Diatomite GS (35.30953, -119.6431) the McKittrick Station L (35.31352, -119.65715), 1Y GS 5 (35.355, -119.66833), 1Y GS 3 (35.3373, -119.6628), and the 1Y South Steam Plant (35.33833, -119.6683). [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
14. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
15. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. 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
17. 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
18. This permit authorizes tank cleaning that is not the result of breakdowns or poor maintenance as a routine maintenance activity. [District Rule 2020] Federally Enforceable Through Title V Permit
19. Permittee shall notify the APCO in writing at least three (3) days prior to performing the first interior tank cleaning activity at a particular location; no notification is required for subsequent cleaning activities at that location. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank, 2) the date and time that tank cleaning activities will begin, and 3) the method to be used to clean the tank, including any solvents to be used. [District Rule 2080] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. 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 2080] Federally Enforceable Through Title V Permit
21. 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 2080] Federally Enforceable Through Title V Permit
22. Prior to operating equipment under this Authority to Construct, permittee shall surrender VOC emission reduction credits for the following quantity of emissions: 1st quarter - 2481 lb, 2nd quarter - 2481 lb, 3rd quarter - 2481 lb, and fourth quarter - 2481 lb. The amount of emission reduction credits required to be surrendered for this approval, including the amount required for the applicable offset ratio specified in Rule 2201 Section 4.8 (as amended 12/18/08), is: 1st quarter - 3722 lb, 2nd quarter - 3722 lb, 3rd quarter - 3722 lb, and fourth quarter - 3722 lb. [District Rule 2201] Federally Enforceable Through Title V Permit
23. ERC Certificate Number S-2887-1 (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
24. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 2080] Federally Enforceable Through Title V Permit
25. Permittee shall maintain records of dates of start and completion dates/times of tank cleaning activities, and methods of cleaning used. [District Rule 2520] Federally Enforceable Through Title V Permit
26. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, API gravity and throughput. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
27. The permittee shall keep accurate combined records of each organic liquid stored in tanks S-1128-974, '-975, '-976, and '-978, including the storage temperatures, TVPs, API gravities, throughputs, and physical locations. [District Rule 2201] Federally Enforceable Through Title V Permit
28. 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 Rules 2520 and 4623] Federally Enforceable Through Title V Permit



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-1128-975-2

**ISSUANCE DATE:** 09/20/2011

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

**LOCATION:** HEAVY OIL WESTERN STATIONARY SOURCE  
KERN COUNTY

**EQUIPMENT DESCRIPTION:**  
MODIFICATION OF UP TO 500 BBL FIXED ROOF CRUDE OIL TANK WITH PV VALVE AUTHORIZED TO OPERATE AT VARIOUS UNSPECIFIED LOCATIONS WITHIN THE HEAVY OIL WESTERN STATIONARY SOURCE (CAN BE OWNED BY PERMITTEE OR RENTED ON AN AS-NEEDED BASIS): INCREASE THROUGHPUT TO 3,000 BBL/DAY AND 293,825 BBL/YEAR.

### CONDITIONS

1. 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
2. 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
3. This tank is authorized to operate at CUSA's heavy oil western stationary source (HOWSS) which includes facilities S-1128, S-1129 and S-1141. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of the outer boundary of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

  
DAVID WARNER, Director of Permit Services

S-1128-975-2 : Sep 21 2011 11:51AM - DAVIDSOS : Joint Inspection NOT Required



7. 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 and properly maintained in good operating order in accordance with the manufacturer's instructions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. 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
9. Tank liquid throughput shall not exceed 3,000 barrels per day. [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
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15. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
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22. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 2080] Federally Enforceable Through Title V Permit
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27. The permittee shall keep accurate combined records of each organic liquid stored in baker tanks S-1128-974, '-975, '-976, and '-978, including the storage temperatures, TVPs, API gravities, throughputs, and physical locations. [District Rule 2201] Federally Enforceable Through Title V Permit
28. 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 Rules 2520 and 4623] Federally Enforceable Through Title V Permit



## AUTHORITY TO CONSTRUCT

PERMIT NO: S-1128-976-2

ISSUANCE DATE: 09/20/2011

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

LOCATION: HEAVY OIL WESTERN STATIONARY SOURCE  
KERN COUNTY

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF UP TO 500 BBL FIXED ROOF CRUDE OIL TANK WITH PV VALVE AUTHORIZED TO OPERATE AT VARIOUS UNSPECIFIED LOCATIONS WITHIN THE HEAVY OIL WESTERN STATIONARY SOURCE (CAN BE OWNED BY PERMITTEE OR RENTED ON AN AS-NEEDED BASIS): INCREASE DAILY THROUGHPUT TO 3,000 BBL/DAY

### CONDITIONS

1. 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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3. This tank is authorized to operate at CUSA's heavy oil western stationary source (HOWSS) which includes facilities S-1128, S-1129 and S-1141. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of the outer boundary of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a fixed roof with no holes or openings. [District Rule 2201] Federally Enforceable Through Title V Permit

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Sayed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services

S-1128-976-2 : Sep 21 2011 11:51AM - DAVIDSOS : Joint Inspection NOT Required

7. 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 and properly maintained in good operating order in accordance with the manufacturer's instructions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. 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
9. Tank liquid throughput shall not exceed 3,000 barrels per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Tank liquid throughput shall not exceed 91,250 barrels per year. [District Rule] Federally Enforceable Through Title V Permit
11. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed 462,350 BBLs/year, the nearest business receptor must be at least 500 meters away, and the nearest residential receptor must be at least 670 meters away when located at any location not specifically listed on this permit [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
12. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed 540,100 barrels per year at the 1Y Gauge Setting 17 (35.35312, -119.66393). [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
13. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed a 770,150 barrels per year at the following locations combined: 31X Oil Cleaning Plant (35.35543, -119.65096), the McKittrick Diatomite GS (35.30953, -119.6431) the McKittrick Station L (35.31352, -119.65715), 1Y GS 5 (35.355, -119.66833), 1Y GS 3 (35.3373, -119.6628), and the 1Y South Steam Plant (35.33833, -119.6683). [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
14. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
15. As used in this permit, the term "source or type" shall mean liquids with similar characteristics. The operator shall maintain records of API gravity of petroleum liquids stored in this unit to determine which are from common source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. 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
17. 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
18. This permit authorizes tank cleaning that is not the result of breakdowns or poor maintenance as a routine maintenance activity. [District Rule 2020] Federally Enforceable Through Title V Permit
19. Permittee shall notify the APCO in writing at least three (3) days prior to performing the first interior tank cleaning activity at a particular location; no notification is required for subsequent cleaning activities at that location. Written notification shall include the following: 1) the Permit to Operate number and physical location of the tank, 2) the date and time that tank cleaning activities will begin, and 3) the method to be used to clean the tank, including any solvents to be used. [District Rule 2080] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

20. 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 2080] Federally Enforceable Through Title V Permit
21. 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 2080] Federally Enforceable Through Title V Permit
22. Steam cleaning shall only be allowed at locations where wastewater treatment facilities are limited, or during the months of December through March. [District Rule 2080] Federally Enforceable Through Title V Permit
23. Permittee shall maintain records of dates of start and completion dates/times of tank cleaning activities, and methods of cleaning used. [District Rule 2520] Federally Enforceable Through Title V Permit
24. The permittee shall keep accurate combined records of each organic liquid stored in baker tanks S-1128-974, '-975, '-976, and '-978, including the storage temperatures, TVPs, API gravities, throughputs, and physical locations. [District Rule 2201] Federally Enforceable Through Title V Permit
25. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, API gravity and throughput. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
26. 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 Rules 2520 and 4623] Federally Enforceable Through Title V Permit



## AUTHORITY TO CONSTRUCT

**PERMIT NO:** S-1128-977-2

**ISSUANCE DATE:** 09/20/2011

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

**LOCATION:** HEAVY OIL WESTERN STATIONARY SOURCE  
KERN COUNTY

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF UP TO 500 BBL FIXED ROOF CRUDE OIL TANK WITH PV VALVE AUTHORIZED TO OPERATE AT VARIOUS UNSPECIFIED LOCATIONS WITHIN THE HEAVY OIL WESTERN STATIONARY SOURCE (CAN BE OWNED BY PERMITTEE OR RENTED ON AN AS-NEEDED BASIS): INCREASE DAILY THROUGHPUT TO 3,000 BBL/DAY

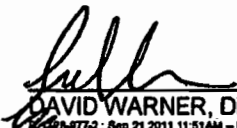
### CONDITIONS

1. 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
2. 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
3. This tank is authorized to operate at CUSA's heavy oil western stationary source (HOWSS) which includes facilities S-1128, S-1129 and S-1141. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The equipment shall not be located within 1,000 feet of the outer boundary of any K-12 school. [CH&SC 42301.6]
5. Permittee shall notify the District Compliance Division of each location at which the operation is located in excess of 24 hours. Such notification shall be made no later than 48 hours after starting operation at the location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The tank shall be equipped with a fixed roof with no holes or openings. [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.

Sayed Sadredin, Executive Director / APCO



DAVID WARNER, Director of Permit Services

25-477-2 : Sep 21 2011 11:51AM - DAVIDSOS : Joint Inspection NOT Required



7. 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 and properly maintained in good operating order in accordance with the manufacturer's instructions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. 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
9. Tank liquid throughput shall not exceed 3,000 barrels per day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Tank liquid throughput shall not exceed 91,250 barrels per year. [District Rule] Federally Enforceable Through Title V Permit
11. The total combined liquid throughput of tanks S-1128-974, '-975, '-976, and '-977 shall not exceed 462,350 BBLs/year, the nearest business receptor must be at least 500 meters away, and the nearest residential receptor must be at least 670 meters away when located at any location not specifically listed on this permit [District Rule 2201 and 4102] Federally Enforceable Through Title V Permit
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