OCT 15 2012

Bill Oliver
San Joaquin Facilities Management
5400 Rosedale Highway
Bakersfield, CA

RE: Notice of Final Action - Authority to Construct
Project Number: S-1121705

Dear Mr. Oliver:

The Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for increasing the capacity of Flare 1-18 and revising the component counts and method of calculating the VOCs for several tanks, at Light Oil Western stationary source in Kern County. 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 this Authority to Construct was published on August 31, 2012. The District's analysis of the proposal was also sent to CARB on August 30, 2012. All comments received following the District's preliminary decision on this project were considered.

Comments received by the District during the public notice period resulted in a condition requiring the tank to be leak-free be placed on Authority to Construct S-2246-7-4. These changes were minor and did not trigger additional public notification requirements, nor did they have any impact upon the Best Available Control Technology determination or on the amount of offsets required for project approval.

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

Sincerely,

David Warner
Director of Permit Services

DW: SDD/cm

Enclosures
OCT 15 2012

Mike Tollstrup, Chief
Project Assessment Branch
Stationary Source Division
California Air Resources Board
PO Box 2815
Sacramento, CA 95812-2815

RE: Notice of Final Action - Authority to Construct
Project Number: S-1121705

Dear Mr. Tollstrup:

Thank you for your comment on the above project. Following are the District's specific responses to your comment:

Comment:

A condition requiring tank S-2246-7-4 to be leak-free should be placed on the Authority to Construct permit.

Response: The following condition will be placed on ATC S-2246-7-4.

Tank roof, seams, welds, joints, sample wells, pressure relief valves, etc. shall be maintained in a leak-free condition. [District Rules 4623 and 2201] N

The Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for increasing the capacity of Flare '1-18 and revising the component counts and method of calculating the VOCs for several tanks, at Light Oil Western stationary source in Kern County.

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.

We trust that the above response satisfies your concerns and appreciate your concurrence on this project. On the other hand, if you disagree with the District's position, we would appreciate your prompt response detailing your concerns.
If you have any questions, regarding the above response, or require additional clarification, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,

David Warner
Director of Permit Services

DW: SDD/cm

Enclosures
NOTICE OF FINAL ACTION
FOR THE ISSUANCE OF AUTHORITY
TO CONSTRUCT PERMITS

NOTICE IS HEREBY GIVEN that the Air Pollution Control Officer has issued Authority to Construct permits to San Joaquin Facilities Management for increasing the capacity of Flare '18 and revising the component counts and method of calculating the VOCs for several tanks, at Light Oil Western stationary source in Kern County.

All comments received following the District’s preliminary decision on this project were considered.

Comments received by the District during the public notice period resulted in a condition requiring the tank to be leak-free be placed on Authority to Construct S-2246-7-4. These changes were minor and did not trigger additional public notification requirements, nor did they have any impact upon the Best Available Control Technology determination or on the amount of offsets required for project approval.

The application review for Project #S-1121705 is available for public inspection at http://www.valleyair.org/notices/public_notices_idx.htm and the SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT, 34946 FLYOVER COURT, BAKERSFIELD, CA 93308.
AUTHORITY TO CONSTRUCT

PERMIT NO: S-2246-7-4

LEGAL OWNER OR OPERATOR: SAN JOAQUIN FACILITIES MGMT
MAILING ADDRESS: 4520 CALIFORNIA AVE, STE 300
BAKERSFIELD, CA 93309

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
CA

SECTION: SE 31   TOWNSHIP: 28S   RANGE: 22E

EQUIPMENT DESCRIPTION:
MODIFICATION OF 31,500 GALLON FIXED ROOF PETROLEUM WASH TANK WITH VAPOR RECOVERY SYSTEM SHARED BETWEEN PERMITS S-2246-7, -8, -9 AND -10: REVISE METHOD OF CALCULATING EMISSIONS

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. Permittee's crude oil production shall average less than 6,000 bbl/day from all operations within Kern County and permittee shall not engage in refining, transporting, or marketing of refined petroleum products. [District Rule 4623]
3. Permittee shall maintain records of number and type of components in gas or liquid service installed. Permittee shall update such records when new components are installed. [District Rule 4623]
4. Tank roof, seams, welds, joints, sample wells, pressure relief valves, etc. shall be maintained in a leak-free condition. [District Rules 4623 and 2201]
5. Fugitive VOC emissions rate calculated from gas and liquid components in using CAPCOA California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities, Table IV-2c, Oil and Gas Production emission factors (Feb 1999) shall not exceed 1.3 lb/day. [District Rule 2201]

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

Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585
6. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in leak-free condition. The VOC control device shall be one of the following: a condensation or vapor return system that connects to one of the following; a gas processing plant, a field gas pipeline, a pipeline distributing Public Utility Commission quality gas for sale, an injection well for disposal of vapors as approved by the California Department of Conservation, Division of Oil Gas, and Geothermal Resources; or an approved VOC destruction device the reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4.6 of District Rule 4623. [District Rule 4623]

7. Tank vapors collected by vapor control system shall only be vented to gas pipeline or to flare S-2246-18. [District Rule 2201]

8. The vapor recovery system is shared with permit units S-2246-8, -9, and -10. It consists of a 10 - 20 mcf/day primary vapor recovery compressor and a backup compressor that draws vapors from the tanks and routes the vapors to a gas pipeline. The tank vapor control system shall include vapor lines from tanks to gas boots, pressure sensing line, wet/dry gas regulators (Varec #180/#181), pressure/vacuum relief valve (Varec #2010 or equivalent). The system includes an automatic vacuum control valve on the suction side of the vapor recovery unit that will activate the compressor within the vapor recovery system design pressure range to control VOC emission as required by District Rule 4623. [District Rules 2201 and 4623]

9. The operator shall maintain a copy of the latest APCO-approved Operator Management Plan (OMP) at the facility and make it available to the APCO, ARB, and US EPA upon request. [District Rule 4409]

10. By January 30 of each year, the operator shall submit to the APCO for approval, in writing, an annual report indicating any changes to the existing, approved OMP. [District Rule 4409]

11. In accordance with the approved OMP, the operator shall meet all applicable operating, inspection and re-inspection, maintenance, process pressure relief device (PRD), component identification, record keeping, and notification requirements of Rule 4409 for all components containing or contacting VOCs at this facility except for those components specifically exempted in Sections 4.1 and 4.2 of Rule 4409. [District Rule 4409]

12. The operator shall maintain an inspection log that has been signed and dated by the facility operator responsible for the inspection, certifying the accuracy of the information recorded in the log. The inspection log shall contain, at a minimum, all of the following information: 1) The total number of components inspected, and the total number and percentage of leaking components found by component types; 2) The location, type, name or description of each leaking component and the description of any unit where the leaking component is found; 3) Date of the leak detection and method of the leak detection; 4) For gaseous leaks, record the leak concentration in ppmv, and for liquid leaks record whether the leak is a major liquid leak or a minor liquid leak; 5) The date of repair, replacement, or removal from operation of the leaking component(s); 6) The identification and location of essential components and critical components found leaking that cannot be repaired until the next process unit turnaround or not later than one year after leak detection, whichever comes first; 7) The method(s) used to minimize the leak from essential components and critical components found leaking that cannot be repaired until the next process unit turnaround or not later than one year after leak detection, whichever comes earlier; 8) The date of re-inspection and the leak concentration in ppmv after the component is repaired or is replaced; 9) The inspector's name, business mailing address, and business telephone number. [District Rule 4409]

13. Records of leaks detected during quarterly or annual operator inspections, and each subsequent repair and re-inspection, shall be submitted to the District, ARB, and EPA upon request. [District Rule 4409]

14. Records shall be maintained of each calibration of the portable hydrocarbon detection instrument utilized for inspecting components. The records shall include a copy of the current calibration gas certification from the vendor of the calibration gas cylinder, the date of calibration, the concentration of calibration gas, the instrument reading of calibration gas before adjustment, the instrument reading of calibration gas after adjustment, the calibration gas expiration date, and the calibration gas cylinder pressure at the time of calibration. [District Rule 4409]

15. All records required by this permit shall be maintained and retained on-site for a minimum of five (5) years and made available for District, ARB, and EPA inspection upon request. [District Rule 4409]
AUTHORITY TO CONSTRUCT

PERMIT NO: S-2246-8-3

ISSUANCE DATE: 10/02/2012

LEGAL OWNER OR OPERATOR: SAN JOAQUIN FACILITIES MGMT

MAILING ADDRESS: 4520 CALIFORNIA AVE, STE 300

BAKERSFIELD, CA 93309

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE

CA

SECTION: SE31 TOWNSHIP: 28S RANGE: 22E

EQUIPMENT DESCRIPTION:

MODIFICATION OF ONE 84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #13866 WITH VAPOR RECOVERY SYSTEM SHARED BETWEEN S-2246-7 TO '10: REVISE METHOD OF CALCULATING EMISSIONS

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. To maintain status as a small producer, permittee's crude oil production shall average less than 6000 bbl/day from all operations within Kern County and permittee shall not engage in refining, transporting, or marketing of refined petroleum products. [District Rule 4623]

3. Permittee shall maintain records of number and type of components in gas or liquid service installed. Permittee shall update such records when new components are installed. [District Rule 4623]

4. Fugitive VOC emissions rate calculated from gas and liquid components in using CAPCOA California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities, Table IV-2c, Oil and Gas Production emission factors (Feb 1999) shall not exceed 0.1 lb/day. [District Rule 4623]

5. Tank vapors collected by vapor control system shall only be vented to gas pipeline or to flare S-2246-18. [District Rule 2201]

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

Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5555
6. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in leak-free condition. The VOC control device shall be either of the following: a vapor return or condensation system that connects to a gas pipeline distribution system, or an approved VOC destruction device that reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4. [District Rule 4623 and 2201]

7. Tank shall be equipped with temperature indicator. [District Rule 2201]

8. Tank roof, seams, welds, joints, sample wells, pressure relief valves, etc. shall be maintained in a leak-free condition. [District Rules 4623 and 2201]

9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]

10. A leak-free condition is a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument that is calibrated with methane in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as the dripping of organic liquid at a rate of more than 3 drops per minute. [District Rule 4623]

11. Permittee shall record and maintain monthly records of average daily crude oil throughput and shall make such records readily available for District inspection upon request for a period of five years. [District Rules 4623, 1070 and 2201]
AUTHORITY TO CONSTRUCT

PERMIT NO: S-2246-9-3
LEGAL OWNER OR OPERATOR: SAN JOAQUIN FACILITIES MGMT
MAILING ADDRESS: 4520 CALIFORNIA AVE, STE 300
BAKERSFIELD, CA 93309
LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
CA
SECTION: SE31 TOWNSHIP: 28S RANGE: 22E
EQUIPMENT DESCRIPTION: MODIFICATION OF ONE 21,000 GALLON FIXED ROOF PETROLEUM WASH TANK #13864 WITH VAPOR RECOVERY SYSTEM SHARED BETWEEN S-2246-7 TO -10: REVISE METHOD OF CALCULATING EMISSIONS

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. To maintain status as a small producer, permittee's crude oil production shall average less than 6000 bbl/day from all operations within Kern County and permittee shall not engage in refining, transporting, or marketing of refined petroleum products. [District Rule 4623]

3. Permittee shall maintain records of number and type of components in gas or liquid service installed. Permittee shall update such records when new components are installed. [District Rule 4623]

4. Fugitive VOC emissions rate calculated from gas and liquid components in using CAPCOA California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities, Table IV-2c, Oil and Gas Production emission factors (Feb 1999) shall not exceed 0.1 lb/day. [District Rule 4623]

5. Tank vapors collected by vapor control system shall only be vented to gas pipeline or to flare S-2246-18. [District Rule 2201]

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 Sadedin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Southern Regional Office • 34848 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585
6. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in leak-free condition. The VOC control device shall be either of the following: a vapor return or condensation system that connects to a gas pipeline distribution system, or an approved VOC destruction device that reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4. [District Rule 4623 and 2201]

7. Tank shall be equipped with temperature indicator. [District Rule 2201]

8. Tank roof, seams, welds, joints, sample wells, pressure relief valves, etc. shall be maintained in a leak-free condition. [District Rules 4623 and 2201]

9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]

10. A leak-free condition is a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument that is calibrated with methane in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as the dripping of organic liquid at a rate of more than 3 drops per minute. [District Rule 4623]

11. Permittee shall record and maintain monthly records of average daily crude oil throughput and shall make such records readily available for District inspection upon request for a period of five years. [District Rules 4623, 1070 and 2201]
AUTHORITY TO CONSTRUCT

PERMIT NO: S-2246-10-3

LEGAL OWNER OR OPERATOR: SAN JOAQUIN FACILITIES MGMT
MAILING ADDRESS: 4520 CALIFORNIA AVE, STE 300
BAKERSFIELD, CA 93309

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
CA

SECTION: SE31 TOWNSHIP: 28S RANGE: 22E

EQUIPMENT DESCRIPTION:
MODIFICATION OF ONE 21,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #13865 WITH VAPOR RECOVERY SYSTEM SHARED BETWEEN S-2246-7 TO '10: REVISE METHOD OF CALCULATING EMISSIONS

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]

2. To maintain status as a small producer, permittee's crude oil production shall average less than 6000 bbl/day from all operations within Kern County and permittee shall not engage in refining, transporting, or marketing of refined petroleum products. [District Rule 4623]

3. Permittee shall maintain records of number and type of components in gas or liquid service installed. Permittee shall update such records when new components are installed. [District Rule 4623]

4. Fugitive VOC emissions rate calculated from gas and liquid components in using CAPCOA California Implementation Guidelines for Estimating Mass Emissions of Fugitive Hydrocarbon Leaks at Petroleum Facilities, Table IV-2c, Oil and Gas Production emission factors (Feb 1999) shall not exceed 0.1 lb/day. [District Rule 4623]

5. Tank vapors collected by vapor control system shall only be vented to gas pipeline or to flare S-2246-18. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-6500 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
Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585
6. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank, and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in leak-free condition. The VOC control device shall be either of the following: a vapor return or condensation system that connects to a gas pipeline distribution system, or an approved VOC destruction device that reduces the inlet VOC emissions by at least 99% by weight as determined by the test method specified in Section 6.4. [District Rule 4623 and 2201]

7. Tank shall be equipped with temperature indicator. [District Rule 2201]

8. Tank roof, seams, welds, joints, sample wells, pressure relief valves, etc. shall be maintained in a leak-free condition. [District Rules 4623 and 2201]

9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a leak-free cover which shall be closed at all times except during gauging or sampling. [District Rule 4623]

10. A leak-free condition is a condition without a gas leak or a liquid leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument that is calibrated with methane in accordance with the procedures specified in EPA Test Method 21. A liquid leak is defined as the dripping of organic liquid at a rate of more than 3 drops per minute. [District Rule 4623]

11. Permittee shall record and maintain monthly records of average daily crude oil throughput and shall make such records readily available for District inspection upon request for a period of five years. [District Rules 4623, 1070 and 2201]
AUTHORITY TO CONSTRUCT

PERMIT NO: S-2246-18-1
LEGAL OWNER OR OPERATOR: SAN JOAQUIN FACILITIES MGMT
MAILING ADDRESS: 4520 CALIFORNIA AVE, STE 300
BAKERSFIELD, CA 93309
LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE
CA
SECTION: SE31 TOWNSHIP: 28S RANGE: 22E

EQUIPMENT DESCRIPTION: MODIFICATION OF 10 MMBTU/HR COANDA EFFECT FLARE SERVING TANK VAPOR CONTROL SYSTEM LISTED ON S-2246-7: INCREASE GAS FLOW RATE TO 20 MMBTU/HR

CONDITIONS

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101]
3. Total quantity of produced gas combusted in flare shall not exceed 400,000 scf/day. [District Rule 2201]
4. Flare shall be equipped with a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an equivalent device capable of continuously detecting at least one pilot flame or the flare flame is present. The flame detection device shall be kept operational at all times except during flare maintenance when the flare is isolated from gas flow. During essential planned power outages when the flare is operating, the pilot monitor is allowed to be non-functional if the flare flame is clearly visible to onsite operators. Effective on and after July 1, 2012, all pilot monitor downtime shall be reported annually pursuant to Rule 4311, 6.2.3.6. [District Rule 4311]
5. Flare outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares. [District Rule 4311]
6. A flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311]
7. An updated Flare Minimization Plan shall be submitted for this flare prior to its installation. [District Rule 4311]

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO

DAVID WARNER, Director of Permit Services
Southern Regional Office • 34946 Flyover Court • Bakersfield, CA 93308 • (661) 392-5500 • Fax (661) 392-5585
8. Flare shall be equipped with operational produced gas volume flow meter. [District Rule 4311]

9. Emission rates from this unit shall not exceed any of the following limits: NOx (as NO2): 0.068 lb/MMBtu; VOC (as methane): 0.063 lb/MMBtu; CO: 0.370 lb/MMBtu; or PM10: 0.026 lb/MMBtu. [District Rule 2201]

10. SOx emissions (as SO2) shall not exceed 20.0 lb/day. Compliance with the SOx emission limit can be demonstrated by limiting the sulfur content of the gas flared to no more than 592 ppmv, or by recording the sulfur content and the quantity of gas flared. [District Rule 2201]

11. Permittee shall measure sulfur content of gas introduced to the flare at startup and at least once every year. Such data shall be submitted to the District within 60 days of sample collection. [District Rule 2201]

12. The flared gas sulfur concentration shall be measured using one of the following test methods: ASTM D1072, ASTM D3246, ASTM D6228 (GC-FPD), double GC for H2S and mercaptans, or equivalent test method with prior District approval. [District Rule 2201]

13. Higher heating value of flared gas shall be determined using ASTM D 1826 or D 1945 in conjunction with ASTM D 3588. [District Rule 2201]

14. The permittee shall keep accurate daily and annual records of the amount of gas combusted in the flare, hours of operation and the sulfur content and heat content of the gas combusted. The permittee shall keep these records for a period of at least five years and shall make such records available for District inspection upon request. [District Rules 2201 and 4311]