



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

SEP 22 2011

Mr. Homer Emerson
Taft Production Company
PO Box 1277
Taft California 93268

**Re: Final - Authority to Construct / COC (Minor Mod)
District Facility # S-1234
Project # 1110782**

Dear Mr. Emerson:

The Air Pollution Control Officer has issued an Authority to Construct (S-1234-2-24, '-3-5, '-14-12, '-22-7, and '-26-0) with a Certificate of Conformity to Taft Production Company located at 950 Petroleum Club Road, Taft, CA. The project authorized modifications to four natural gas-fired dryers for compliance with Rule 4309.

Enclosed is the Authority to Construct. The application and proposal were sent to US EPA Region IX on August 2, 2011. No comments were received following the District's preliminary decision on this project.

Please note that in our preliminary decision the District indicated that this project constituted a Title V Significant Modification. However, after further review we determined that because the project does not meet any of the criteria listed in Rule 2520 Section 3.20, this project qualifies as a Title V Minor Modification and not a Title V Significant Modification. Therefore, our final decision is to approve this as a Title V Minor Modification.

The notice of final decision for this project will be published approximately three days from the date of this letter.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

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: RUE/cm

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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

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

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



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



SEP 22 2011

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

**Re: Final - Authority to Construct / COC (Minor Mod)
District Facility # S-1234
Project # 1110782**

Dear Mr. Rios:

The Air Pollution Control Officer has issued an Authority to Construct (S-1234-2-24, '3-5, '14-12, '22-7, and '26-0) with a Certificate of Conformity to Taft Production Company located at 950 Petroleum Club Road, Taft, CA. The project authorized modifications to four natural gas-fired dryers for compliance with Rule 4309.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on August 2, 2011. No comments were received following the District's preliminary decision on this project.

Please note that in our preliminary decision the District indicated that this projected constituted a Title V Significant Modification. However, after further review we determined that because the project does not meet any of the criteria listed in Rule 2520 Section 3.20, this project qualifies as a Title V Minor Modification and not a Title V Significant Modification. Therefore, our final decision is to approve this as a Title V Minor Modification.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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

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San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



HEALTHY AIR LIVING™

SEP 22 2011

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

**Re: Final - Authority to Construct / COC (Minor Mod)
District Facility # S-1234
Project # 1110782**

Dear Mr. Tollstrup:

The Air Pollution Control Officer has issued an Authority to Construct (S-1234-2-24, '3-5, '14-12, '22-7, and '26-0) with a Certificate of Conformity to Taft Production Company located at 950 Petroleum Club Road, Taft, CA. The project authorized modifications to four natural gas-fired dryers for compliance with Rule 4309.

Enclosed is a copy of the Authority to Construct. The application and proposal were sent to US EPA Region IX on August 2, 2011. No comments were received following the District's preliminary decision on this project.

Please note that in our preliminary decision the District indicated that this projected constituted a Title V Significant Modification. However, after further review we determined that because the project does not meet any of the criteria listed in Rule 2520 Section 3.20, this project qualifies as a Title V Minor Modification and not a Title V Significant Modification. Therefore, our final decision is to approve this as a Title V Minor Modification.

The notice of final decision for this project will be published approximately three days from the date of this letter.

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: RUE/cm

Seyed Sadredin
Executive Director/Air Pollution Control Officer

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**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 San Joaquin Valley Air Pollution Control District has made its final decision to issue an Authority to Construct to Taft Production Company for Kitty Litter Manufacturing Facility located located at 950 Petroleum Club Road, Taft, CA, California. The project authorized modifications to four natural gas-fired dryers for compliance with Rule 4309.

The District's analysis of the legal and factual basis for this proposed action, project #1110782, is available for public inspection at the District office at the address below. For additional information regarding this matter, please contact Mr. Leonard Scandura, Permit Services Manager, at (661) 392-5500, or contact David Warner, Director of Permit Services, in writing at SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 1990 E. GETTYSBURG AVE, FRESNO, CA 93726-0244.



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1234-2-24

ISSUANCE DATE: 09/20/2011

LEGAL OWNER OR OPERATOR: TAFT PRODUCTION COMPANY
MAILING ADDRESS: PO BOX 1277
950 N PETROLEUM CLUB ROAD
TAFT, CA 93268-1277

LOCATION: 950 N PETROLEUM CLUB ROAD
TAFT, CA

SECTION: 28 **TOWNSHIP:** 32S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

MODIFICATION OF DRYING/MILLING/STORAGE OPERATION: REPLACE EXISTING 35 MMBTU/HR ECLIPSE NATURAL GAS/LPG-FIRED BURNER WITH A 35 MMBTU/HR COEN (OR EQUIVALENT) NATURAL GAS/LPG-FIRED BURNER AND REVISE SULFUR TESTING REQUIREMENTS

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 NSR Rule] 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. The permittee shall obtain written District approval for the use of any equivalent equipment not specifically approved by this Authority to Construct. Approval of the equivalent equipment shall be made only after the District's determination that the submitted design and performance of the proposed alternate equipment is equivalent to the specifically authorized equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The permittee's request for approval of equivalent equipment shall include the make, model, manufacturer's maximum rating, manufacturer's guaranteed emission rates, equipment drawing(s), and operational characteristics/parameters. [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-1234-2-24 : Sep 20 2011 7:58AM - EDGEMILR : Joint Inspection NOT Required

5. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
7. No emission factor and no emission shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Operation shall include feed conveyor C4; feed elevator E4, E6, E8-E13; bucket elevator E16; screens S2, S4; mills M3, M5; conveyors C7; C20-C22; dryer D1; 3 silos T5-T7; fabric collector DC-2; screenhouse B9; and venturi scrubber SV2. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Screenhouse B9 shall include 9 screens S6-S14, 4 mills M7-M10, and 6 conveyors C9-C14; all vented to Jamac Fabric Collector DC 2. [District NSR Rule] Federally Enforceable Through Title V Permit
10. The 35 MMBtu/hr natural gas/propane-fired fluidized bed dryer D1 shall include piping for reprocessing of ore material, and dryer exhaust shall be vented to venturi scrubber SV-2. [District NSR Rule] Federally Enforceable Through Title V Permit
11. The total fuel usage shall be limited to 720,000 scf per day. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Screens S2, S4; conveyors C7, C20-C22; mills M3, M5; and elevator E6 shall be vented to Ultra reverse-pulse fabric collector DC-1 (shared with S-1234-1, '-12, and '-26) [District NSR Rule] Federally Enforceable Through Title V Permit
13. If Jamac fabric collector DC-2 is inoperable, screenhouse B9 shall be shut down. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Exhaust fan on Jamac fabric collector DC-2 shall be equipped with an electric motor with rating not to exceed 100 hp. [District NSR Rule] Federally Enforceable Through Title V Permit
15. Exhaust outlet for fluidized bed dryer D1 shall be vented solely to venturi scrubber (SV-2) equipped with mist eliminator. [District NSR Rule] Federally Enforceable Through Title V Permit
16. Venturi scrubber SV-2 shall operate whenever fluidized bed dryer D1 is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
17. There shall be 8 in. dia. free-flow piping from bucket elevator at tank T7 to screen S14 for reprocessing ore. [District NSR Rule] Federally Enforceable Through Title V Permit
18. All ventilation ductwork shall have capped pitot ports for measurement of internal fluid velocities. [District NSR Rule] Federally Enforceable Through Title V Permit
19. Duct velocities of ductwork serving screens S6-S14 shall be maintained at no less than 3,900 ft/min. [District NSR Rule] Federally Enforceable Through Title V Permit
20. Jamac fabric collector, DC-2 shall ventilate 25,800 cfm from screenhouse. [District NSR Rule] Federally Enforceable Through Title V Permit
21. There shall be no visible emissions greater than 5% opacity at any screenhouse ventilation point. [District NSR Rule] Federally Enforceable Through Title V Permit
22. Product in packaging room storage tanks shall not be cleaned (i.e., 25 hp Sutorbuilt Blower will not operate) unless it contains more than 2% fines (less than 40 mesh particles). [District NSR Rule] Federally Enforceable Through Title V Permit
23. Only one packaging tank shall be cleaned at a time. [District NSR Rule] Federally Enforceable Through Title V Permit
24. Vacuum system for reprocessing of product will only handle milled and screened final product (cat litter). [District NSR Rule] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

25. Maximum emission rate of particulate matter 10 microns and smaller (PM10) from Jamac fabric collector shall not exceed 2.55 lb/hr. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
26. Maximum emission rate of PM10 from Venturi Scrubber #2 shall not exceed 7.37 lb/hr. [District NSR Rule, and District Rules 4202, 4.0 and 4301, 5.2] Federally Enforceable Through Title V Permit
27. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
28. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
29. Emissions for NOx and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O2 concentrations of 19.0 % by volume or less. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
30. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NOX @ 19% O2 or 0.049 lb/MMBtu , 0.00285 lb-SOx/MMBtu, 40 ppmvd CO @ 19% O2 or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
31. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NOX @ 19% O2 or 0.049 lb/MMBtu, 0.0164 lb-SOx/MMBtu, 40 ppmvd CO @ 19% O2 or 0.280 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
32. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
33. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
34. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
35. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
36. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
37. Dust collection systems shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
38. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
39. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
40. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

41. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
42. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
43. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
44. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
45. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
46. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
47. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
48. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
49. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081]
50. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
51. Fluidized bed dryer shall be tested for compliance with the NO_x and CO emissions limits within 60 days of startup and once every 24 months thereafter. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
52. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. NO_x emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
53. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

54. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
55. PM10 emissions from Jamac Fabric Collector DC 2 and venturi scrubber SV2 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
56. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
57. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
58. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
59. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
60. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
61. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1234-3-5

ISSUANCE DATE: 09/20/2011

LEGAL OWNER OR OPERATOR: TAFT PRODUCTION COMPANY
MAILING ADDRESS: PO BOX 1277
950 N PETROLEUM CLUB ROAD
TAFT, CA 93268-1277

LOCATION: 950 N PETROLEUM CLUB ROAD
TAFT, CA

SECTION: 28 **TOWNSHIP:** 32S **RANGE:** 24E

EQUIPMENT DESCRIPTION:

MODIFICATION OF DRYING/SCREENING/MILLING OPERATION #2 INCLUDING ROTARY DRYER WITH 25 MMBTU/HR GAS-FIRED BURNER ASSEMBLY, TWO BELT CONVEYORS, AND TWO FEED ELEVATORS: DESIGNATE DRYER AS DORMANT EMISSIONS UNIT AND CREATE SEPARATE PERMIT S-1234-3 FOR NONCOMBUSTION EQUIPMENT AND REVISE SULFUR TESTING REQUIREMENTS

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 NSR Rule] 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. No modification to this unit shall be performed without an Authority to Construct for such modifications, except for changes specified in the conditions below. [District Rule 2010] Federally Enforceable Through Title V Permit
4. Upon seven days prior written notice to the District, this unit may be designated as a dormant emissions unit or an active emissions unit. [District Rule 2080] Federally Enforceable Through Title V Permit
5. While dormant, the fuel line shall be physically disconnected from the unit. [District Rule 2080] 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-1234-3-5 : Sep 20 2011 7:58AM - EDGEHILR : Joint Inspection NOT Required

6. While dormant, normal source testing and monitoring shall not be required. [District Rule 2080] Federally Enforceable Through Title V Permit
7. Upon recommencing operation of this unit, normal source testing and monitoring shall resume. [District Rule 2080] Federally Enforceable Through Title V Permit
8. Any source testing required by this permit shall be performed within 60 days of recommencing operation of this unit, regardless of whether the unit remains active or is again designated as dormant. [District Rule 2080] Federally Enforceable Through Title V Permit
9. Records of all dates and times that this unit is designated as dormant or active, and copies of all corresponding notices to the District, shall be maintained, retained for a period of at least five years, and made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit
10. Process weight rate of dryer #2 shall not exceed 10.5 tons per hour. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
11. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer #2. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
13. Emissions from this permit unit shall not exceed any of the following limits: 3.50 lbm-NO_x per hour; 0.075 lbm-VOC per hour; 0.425 lbm-CO per hour. [District NSR Rule and District Rule 4301, 5.2] Federally Enforceable Through Title V Permit
14. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
15. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
16. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
17. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
18. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
21. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
22. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306]
23. ATC shall be implemented concurrent with ATC S-1234-26-0. [District Rule 2201] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1234-14-12

ISSUANCE DATE: 09/20/2011

LEGAL OWNER OR OPERATOR: TAFT PRODUCTION COMPANY
MAILING ADDRESS: PO BOX 1277
950 N PETROLEUM CLUB ROAD
TAFT, CA 93268-1277

LOCATION: 950 N PETROLEUM CLUB ROAD
TAFT, CA

SECTION: 28 TOWNSHIP: 32S RANGE: 24E

EQUIPMENT DESCRIPTION:

MODIFICATION OF AGRICULTURAL CHEMICALS/MINERALS DRYING & STORAGE OPERATION: REPLACE EXISTING 32 MMBTU/HR NORTH AMERICAN NATURAL GAS/LPG-FIRED BURNER WITH A 25 HP BLOWER WITH A 32 MMBTU/HR COEN (OR EQUIVALENT) NATURAL GAS/LPG-FIRED BURNER WITH A 30 HP BLOWER AND REVISE SULFUR TESTING REQUIREMENTS

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 NSR Rule] 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. The permittee shall obtain written District approval for the use of any equivalent equipment not specifically approved by this Authority to Construct. Approval of the equivalent equipment shall be made only after the District's determination that the submitted design and performance of the proposed alternate equipment is equivalent to the specifically authorized equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The permittee's request for approval of equivalent equipment shall include the make, model, manufacturer's maximum rating, manufacturer's guaranteed emission rates, equipment drawing(s), and operational characteristics/parameters. [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-1234-14-12 : Sep 20 2011 7:58AM - EDGEHILR : Joint Inspection NOT Required

5. Alternate equipment shall be of the same class and category of source as the equipment authorized by the Authority to Construct. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
7. No emission factor and no emission shall be greater for the alternate equipment than for the proposed equipment. No changes in the hours of operation, operating rate, throughput, or firing rate may be authorized for any alternate equipment. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Operation shall include two 5 hp belt conveyors #'s 104 & 105, fluidized bed dryer with 32 MMBtu/hr COEN (or equivalent) gas-fired burner with 30 hp blower, elevator #102, one roll mill #101, one cyclone #101, one screen, and two dried feed tanks #'s 103 & 104. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Operation shall include fabric collector #102 serving fluid-bed dryer #101 and cyclone #101. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Operation shall include U.S. Air Filtration, model 99, fabric collector #105, with 15 hp blower motor serving roll mill, screen, conveyor #105, elevator #102, ore storage tanks #103 and #104, and roll mill #107 listed on permit S-1234-15. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Total heat input to burner shall not exceed 640 MMBtu/day regardless of fuel burned. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Exhaust duct flowrate to fabric collector #102 shall be maintained at no more than 28,000 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
13. Exhaust duct flowrate to fabric collector #105 shall be maintained at no more than 6,489 scfm. [District NSR Rule] Federally Enforceable Through Title V Permit
14. Particulate matter (as PM10) emissions from fabric collector #102 shall not exceed 2.14 lb/hour. [District NSR Rule and District Rules 4202, 4.0 and 4301, 5.2] Federally Enforceable Through Title V Permit
15. Particulate matter (as PM10) emissions from fabric collector #105 shall not exceed 0.22 lb/hour. [District NSR Rule and District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
16. Stack particulate matter (as PM10) concentration from fabric collector #102 shall not exceed 0.0089 grains/dscf (BACT requirement). [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
17. Stack particulate matter (as PM10) concentration from fabric collector #105 shall not exceed 0.004 grains/dscf. [District NSR Rule and District Rule 4201, 3.0] Federally Enforceable Through Title V Permit
18. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in fluidized bed dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
19. Sulfur content of propane shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
20. Emissions for NOx and CO shall be uncorrected if the measured oxygen exhaust concentration exceeds 19.0% by volume or shall be corrected to 19.0% by volume for units operating at measured O2 concentrations of 19.0 % by volume or less. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
21. Except during startup and shutdown emissions rates for combustion of natural gas in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NOX @ 19% O2 or 0.049 lb/MMBtu, 0.00285 lb-SOx/MMBtu, 40 ppmvd CO @ 19% O2 or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
22. Except during startup and shutdown emissions rates for combustion of propane in fluidized bed dryer shall not exceed any of the following limits: 4.3 ppmvd NOX @ 19% O2 or 0.049 lb/MMBtu, 0.0164 lb-SOx/MMBtu, 40 ppmvd CO @ 19% O2 or 0.280 lb-CO/MMBtu, or 0.09 lb/hr VOC. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
23. Total duration of startup shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. Total duration of shutdown shall not exceed 1 hr/day. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
25. Daily records of start-up and shutdown durations and number of occurrences of each shall be maintained. [District Rule 2201] Federally Enforceable Through Title V Permit
26. Dust collection equipment shall be in operation when process equipment is in operation. [District NSR Rule] Federally Enforceable Through Title V Permit
27. Flue gas temperature shall be maintained at all times so as to eliminate condensation in fabric collector and to not exceed bag material temperature limit. [District NSR Rule] Federally Enforceable Through Title V Permit
28. Fluidized bed dryer shall have no fugitive emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
29. Material removed from fabric dust collectors #102 and #105 shall be handled in a manner preventing entrainment into the atmosphere (less than 10% opacity). [District Rule 4102]
30. Permittee shall comply in full with all applicable New Source Performance Standards (Rule 4001), including Subpart 000 "Standards of Performance of Non-Metallic Mineral Processing Plant." [District Rule 4001 and 40 CFR 60 Subpart 000] Federally Enforceable Through Title V Permit
31. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
32. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
33. Visible emissions at fabric dust collectors #102 and #105 shall not exceed 7% opacity. [40 CFR 60.672(a) and 60.672(f)] Federally Enforceable Through Title V Permit
34. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
35. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
36. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
37. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
38. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
39. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

40. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
41. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
42. The permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month (in which a source test is not performed) using a portable emission monitor that meets District specifications. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309] Federally Enforceable Through Title V Permit
43. If either the NO_x or CO concentrations corrected to 19% O₂, as measured by the portable analyzer, exceed the allowable emissions concentration, the permittee shall return the emissions to within the acceptable range as soon as possible, but no longer than 1 hour of operation after detection. If the portable analyzer readings continue to exceed the allowable emissions concentration after 1 hour of operation after detection, the permittee shall notify the District within the following 1 hour and conduct a certified source test within 60 days of the first exceedance. In lieu of conducting a source test, the permittee may stipulate a violation has occurred, subject to enforcement action. The permittee must then correct the violation, show compliance has been re-established, and resume monitoring procedures. If the deviations are the result of a qualifying breakdown condition pursuant to Rule 1100, the permittee may fully comply with Rule 1100 in lieu of performing the notification and testing required by this condition. [District Rule 4309] Federally Enforceable Through Title V Permit
44. All alternate monitoring parameter emission readings shall be taken with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. The analyzer shall be calibrated, maintained, and operated in accordance with the manufacturer's specifications and recommendations or a protocol approved by the APCO. Emission readings taken shall be averaged over a 15 consecutive-minute period by either taking a cumulative 15 consecutive-minute sample reading or by taking at least five (5) readings, evenly spaced out over the 15 consecutive-minute period. [District Rule 4309] Federally Enforceable Through Title V Permit
45. The permittee shall maintain records of: (1) the date and time of NO_x, CO, and O₂ measurements, (2) the O₂ concentration in percent and the measured NO_x and CO concentrations corrected to 19% O₂, (3) make and model of exhaust gas analyzer, (4) exhaust gas analyzer calibration records, and (5) a description of any corrective action taken to maintain the emissions within the acceptable range. [District Rule 4309] Federally Enforceable Through Title V Permit
46. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit
47. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
48. Fluidized bed dryer shall be tested for compliance with the NO_x and CO emissions limits within 60 days of startup and once every 24 months thereafter. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
49. NO_x emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis, or EPA Method 19 on a heat input basis. NO_x emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
50. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. CO emissions during the source test shall be calculated as the arithmetic average of three 30-consecutive-minute test runs. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

51. Stack gas oxygen shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rules 2201 and 4309] Federally Enforceable Through Title V Permit
52. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
53. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
54. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
55. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
56. Permittee shall maintain accurate daily records of the type and amount of fuel used and the daily hours of operation and make such records readily available for District inspection upon request. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
57. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
58. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
59. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
60. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
61. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
62. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
63. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1234-22-7

ISSUANCE DATE: 09/20/2011

LEGAL OWNER OR OPERATOR: TAFT PRODUCTION COMPANY
MAILING ADDRESS: PO BOX 1277
950 N PETROLEUM CLUB ROAD
TAFT, CA 93268-1277

LOCATION: 950 N PETROLEUM CLUB ROAD
TAFT, CA

EQUIPMENT DESCRIPTION:
MODIFICATION OF CAT LITTER PAINTING OPERATION INCLUDING: ONE BUCKET ELEVATOR, ONE PAINT MIXER, ONE 0.4 MMBTU/HR NATURAL GAS FIRED DRYER, ONE EXHAUST FAN, AND ONE CONVEYOR:REVISE SULFUR TESTING REQUIREMENTS

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 NSR Rule] 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. The enclosed chute from permit S-1234-15, bucket elevator, loading of the unpainted cat litter, and emissions from the screen/mixer shall be enclosed and vented to baghouse #107 shared with permit unit S-1234-17. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Material introduced to the dryer shall not exceed 24 tons per day. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Paint usage shall not exceed 240 gallons per day and 25,043 gallons per year. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC content of paint shall not exceed 0.69 pound per gallon. [District NSR Rule] 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-1234-22-7: Sep 20 2011 7:58AM - EDGEHLR : Joint Inspection NOT Required

7. Only LPG or natural gas purchased from a PUC-regulated utility shall be combusted in dryer. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Sulfur content of natural gas shall not exceed 1.0 gr S/100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Sulfur content of LPG shall not exceed 15 grain per 100 scf. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Dryer emissions shall not exceed: NO_x - 100.0 lb/MMscf; VOC - 5.3 lb MMscf; PM₁₀ - 12.0 lb/MMscf; and CO - 21.0 lb/MMscf. [District NSR Rule and District Rule 4301, 5.2] Federally Enforceable Through Title V Permit
11. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any stack emissions which: (1) Contain particulate matter in excess of 0.05 g/dscm (0.022 gr/dscf); or (2) Exhibit greater than 7 percent opacity. [District Rule 4201, 3.0 and 40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
12. Visible emissions from fabric dust collector #107 shall not exceed 7% opacity. [40 CFR 60.672(a)] Federally Enforceable Through Title V Permit
13. Owner or operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility any fugitive emissions which exhibit greater than 10 percent opacity. [40 CFR 60.672(b)] Federally Enforceable Through Title V Permit
14. Testing to demonstrate compliance with the opacity standards in 40 CFR 60.672(a) shall be performed at least annually using EPA Method 9 and the procedures in 40 CFR 60.11. [40 CFR 60.675(b)] Federally Enforceable Through Title V Permit
15. Testing to demonstrate compliance with the particulate matter standards in 40 CFR 60.672(b) shall be performed at least annually using EPA Method 9 and the procedures in ¹ 60.11, with the following additions: (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet); (ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. [40 CFR 60.675(c)(1)] Federally Enforceable Through Title V Permit
16. Testing to demonstrate compliance with the opacity of stack emissions standards from any baghouse subject to 40 CFR 60.672(f) shall be performed at least annually using EPA Method 9. The duration of the Method 9 observations shall be 1 hour (ten 6-minute averages). [40 CFR 60.675(c)(2)] Federally Enforceable Through Title V Permit
17. When testing for compliance with the fugitive emissions opacity standard of 40 CFR 60.672(b), the duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply: (i) There are no individual readings greater than 10 percent opacity; and (ii) There are no more than 3 readings of 10 percent for the 1-hour period. [40 CFR 60.675(c)(3)] Federally Enforceable Through Title V Permit
18. Owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance, including reports of opacity observations made using Method 9 and reports of observations using Method 22. [40 CFR 60.676(f)] Federally Enforceable Through Title V Permit
19. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
20. Permittee shall keep accurate records of material processed, paint usage on a daily basis, and VOC content of paint. Records shall be made readily available for District inspection for a period of at least five years. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
23. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
24. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
25. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of 40 CFR 60 Subpart OOO. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
26. Operator shall maintain copies of fuel invoices and supplier certifications. [District Rules 1070 and 2201] Federally Enforceable Through Title V Permit
27. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1234-26-0

ISSUANCE DATE: 09/20/2011

LEGAL OWNER OR OPERATOR: TAFT PRODUCTION COMPANY
MAILING ADDRESS: PO BOX 1277
950 N PETROLEUM CLUB ROAD
TAFT, CA 93268-1277

LOCATION: 950 N PETROLEUM CLUB ROAD
TAFT, CA

EQUIPMENT DESCRIPTION:
CLEANING/MILLING OPERATION #2 INCLUDING TWO BELT CONVEYORS, AND TWO FEED ELEVATORS

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 NSR Rule] 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. Universal vibrating screen and roller mill shall vent to venturi scrubber #1. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Feed elevators, enclosed screen and roll mill shall be ventilated to Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Unloading spillage shall be minimized to prevent fugitive dust emissions. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Scrubber H2O supply shall have operational pressure gauge with pressure differential maintained above 8.5 inches W.C. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Particulate matter concentration at scrubber exhaust shall not exceed 0.027 grains/scf. [District NSR Rule and District Rule 4201, 3.0] 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-1234-26-0 : Sep 20 2011 7:58AM - EDGENILR : Joint Inspection NOT Required

8. Ultra reverse pulse fabric collector (shared with S-1234-1, '-2, and '-12) shall operate whenever process equipment is operated. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Ventilation system serving feed conveying, elevating, screening and milling equipment shall be adjusted and maintained to prevent visible emissions from the ventilated equipment. [District NSR Rule] Federally Enforceable Through Title V Permit
10. Fines from screen shall be conveyed via closed system only to fines silo listed on PTO #S-1234-1. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Particulate matter (PM10) emissions from this permit unit shall not exceed 5.32 lbm per hour. [District NSR Rule and District Rules 4301, 5.2 and 4202, 4.0] Federally Enforceable Through Title V Permit
12. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$ if P is less than or equal to 30 tons per hour, or $E = 17.31 \times P^{0.16}$ if P is greater than 30 tons per hour. [District Rule 4202, 4.0] Federally Enforceable Through Title V Permit
13. Visible emissions from each dust collector shall be evaluated using EPA method 22 for a period of at least 6 minutes at least once during each day the dust collector is operated. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. Corrective action shall include the following: inspecting the dust collector system for any tears, abrasions, or holes in the filters; inspecting closed duct systems for damage; and repairing or replacing any defective or damaged material. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
14. Dust collection system shall be inspected at least quarterly when the unit is not in operation for any tears, abrasions, or holes in the filters; damage to closed duct systems; or any evidence of particulate matter leaks which might interfere with the PM collection efficiency. Any defective or damaged material shall be repaired or replaced as needed. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
15. Records of dust collection system maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.1 and 40 CFR 64] Federally Enforceable Through Title V Permit
16. Scrubber pressure differential shall be observed and recorded at least daily during operation of the unit. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
17. If scrubber pressure differential is not within the proper range, corrective action shall be taken. Corrective action shall include inspecting scrubber and performing any necessary repairs. [District Rules 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
18. Records of scrubber pressure differential observations shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.3.2 and 40 CFR 64] Federally Enforceable Through Title V Permit
19. The permittee shall comply with the compliance assurance monitoring operation and maintenance requirements of 40 CFR 64.7. [40 CFR 64] Federally Enforceable Through Title V Permit
20. The permittee shall comply with the recordkeeping and reporting requirements of 40 CFR 64.9. [40 CFR 64] Federally Enforceable Through Title V Permit
21. If the District or EPA determine that a Quality Improvement Plan is required under 40 CFR 64.7(d)(2), the permittee shall develop and implement the Quality Improvement Plan in accordance with 40 CFR 64.8. [40 CFR 64] Federally Enforceable Through Title V Permit
22. PM10 emissions from Ultra reverse pulse fabric collector and venturi scrubber #1 shall be source tested annually using CARB Method 5, EPA Method 5 (front half), EPA Method 201A in combination with EPA Method 202, or any combination of these methods. Annual source tests shall be conducted at least 6 months after the previous annual source test but not more than 18 months after the previous annual source test. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified at least 30 days prior to any compliance source test, and a source test plan must be submitted for approval at least 15 days prior to testing. [District Rule 1081] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

24. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081] Federally Enforceable Through Title V Permit
25. The permittee shall maintain accurate records of hourly process weight. [District Rule 2520, 9.4.1] Federally Enforceable Through Title V Permit
26. The permittee shall maintain, and make available for District inspection, all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
27. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4202 (as amended 12/17/92). A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
28. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4301. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
29. Compliance with permit conditions in the Title V permit shall be deemed compliance with the applicable requirements of District Rule 4801 and Kern County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit
30. ATC shall be implemented concurrent with ATC S-1234-3-5. [District Rule 2201] Federally Enforceable Through Title V Permit