

NOV 18 2019

John Bennett
Cal Mat of Central California
500 North Brand Products, Suite 500
Glendale, CA 91203

RE: Notice of Final Action - Authority to Construct
Facility Number: S-1538
Project Number: S-1180660 and S-1181013

Dear Mr. Bennett:

The Air Pollution Control Officer has issued the Authority to Construct permits to Cal Mat of Central California for addition of existing asphaltic concrete and new recycled materials operations to the existing rock plant, at 16101 Highway 166 in Kern County. Enclosed are the Authority to Construct permits and a copy of the notice of final action that has been posted on the District's website (www.valleyair.org).

Notice of the District's preliminary decision to issue the Authority to Construct permits was posted on October 15, 2019. The District's analysis of the proposal was also sent to CARB on October 15, 2019. No comments were received following the District's preliminary decision on this project.

Also enclosed are two invoices for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoices, within 60 days.

Samir Sheikh

Executive Director/Air Pollution Control Officer

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

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

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

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

Sincerely,

A handwritten signature in blue ink, reading "Arnaud Marjollet". The signature is written in a cursive style and is positioned above a horizontal line.

Arnaud Marjollet
Director of Permit Services

AM:rue

Enclosures

cc: Courtney Graham, CARB (w/ enclosure) via email

Facility # S-1538
CALMAT OF CENTRAL CALIFORNIA
ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

AUTHORITY TO CONSTRUCT (ATC)

QUICK START GUIDE

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

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

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

Samir Sheikh
Executive Director/Air Pollution Control Officer

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Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-1-11

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

SECTION: 13 **TOWNSHIP:** 11N **RANGE:** 21W

EQUIPMENT DESCRIPTION:

MODIFICATION OF CRUSHING OPERATION INCLUDING VIBRATING GRIZZLY FEEDER, NORDBERG MODEL C140 JAW CRUSHER AND FIVE CONVEYORS: REVISE EMISSIONS FACTOR AND LOWER ANNUAL THROUGHPUT

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 which is dark or darker than 5% opacity from all crushing and conveying equipment associated with this permit. [District Rule 2201]
3. All haul roads and other roadways traversed by mobile equipment and/or motor vehicles shall be adequately moistened with chemical dust suppressant and/or water at such a frequency as required to prevent visible emissions equal to or in excess of 20% opacity from such roads. [District Rule 4101]
4. All material transfer points shall be enclosed by open-topped windshield boxes. [District Rule 2201]
5. Moisture content of processed material shall not be less than 4% by weight. [District Rule 2201]
6. Aggregate material processed throughout the facility shall have a moisture content of at least 4.0% by weight. The percent moisture shall be determined by weighing an approximately 2-lb sample of aggregate from any point of the operation, bringing the sample to dryness in a drying oven, then weighing the dried sample; the weight difference is the moisture content. [District Rule 2201]
7. Process weight rate for Nordberg crusher shall not exceed 14,400 tons per 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.

Samir Sheikh, Executive Director / APCO

Arnaud Marjollet, Director of Permit Services
S-1538-1-11 Nov 14 2019 3:07PM - EDGEHILL : Joint Inspection NOT Required

8. Process weight rate introduced to entire permit unit shall not exceed any of the following: 29,664 tons per day or 6,000,000 tons/yr. [District Rule 2201]
9. PM10 emission rate shall not exceed 0.00054 lb/ton from the Nordberg crusher or 0.000048 lb/ton from any conveyor transfer point. [District Rule 2201]
10. Permittee shall comply with all applicable New Source Performance Standard (NSPS) subpart OOO reporting and recordkeeping requirements. [District Rule 4001]
11. Permittee shall keep accurate records of aggregate throughput on a daily basis and make such records readily available for District inspection for a period of at least 5 years. [District Rule 2201]

AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-2-8

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

SECTION: 13 **TOWNSHIP:** 11N **RANGE:** 21W

EQUIPMENT DESCRIPTION:

MODIFICATION OF SECONDARY CRUSHING AND SCREENING OPERATION INCLUDING TWO CONE CRUSHERS WITH WATER SPRAYS, THREE FEED HOPPERS, 22 CONVEYORS, FOUR DOUBLE DECK SCREENS, AND A WASH PLANT CONSISTING OF CONVEYORS, SCREENS, A SAND SCREW, AND PILES: REVISE PM10 EMISSIONS, ADD SAND SCREW AND STACKER CONVEYOR IN WET SERVICE AND LOWER ANNUAL THROUGHPUT

CONDITIONS

1. Screen S9A shall be equipped with operational water sprays and only receive and process material from the wash plant. [District Rule 2201]
2. All transfer points handling material with product moisture content less than 6% moisture content by weight shall be equipped with operational water spray bars. [District Rule 2201]
3. Crushers shall be equipped with operational wet suppression systems maintaining minimum product moisture content of 4% by weight. [District Rule 2201]
4. Feed hopper H72A shall be equipped with operational wet suppression system or shall maintain minimum product moisture content of 4% by weight. [District Rule 2201]
5. Operator shall not cause to be discharged into the atmosphere from feed hopper H72A any fugitive emissions which exhibit greater than 5 percent opacity for three minutes in any one hour. [District Rules 2201 and 4101]
6. Operator shall not cause to be discharged into the atmosphere from any transfer point on belt conveyors or from any other affected facility, including screens (excluding crushers) any fugitive emissions which exhibit greater than 10 percent opacity for three minutes in any one hour. [District Rules 4001, 60.672(b), and 4101]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Claude Marjollet, Director of Permit Services
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7. Operator shall not cause to be discharged into the atmosphere from any crusher any fugitive emissions which exhibit greater than 15% opacity for three minutes in any one hour. [District Rules 4001, 60.672(c), and 4101]
8. Operator shall not cause to be discharged into the atmosphere from any equipment or operations utilized in the wash plant, fugitive emissions which exhibit greater than 5% opacity for three minutes in any one hour. [District Rules 2201 and 4401]
9. Wash plant includes tower 3 and downstream equipment through stackout conveyors B24, B26B, and B29. [District Rule 2201]
10. Emission factors for PM10 (from equipment outside of the wash plant) shall not exceed the following: 0.0005 lb/ton for feed hopper H72A, 0.00074 lb/ton for screens, 0.00054 lb/ton for crushers, and 0.000046 lb/ton for conveyor transfer points [District Rule 2201]
11. Emissions shall not exceed 57.2 lb/day or 9,777 lb/yr PM10. [District Rule 2201]
12. Throughput of screen S1 shall not exceed any of the following: 35,252 tons per day or 6,000,000 tons/yr. Throughput of hopper H72A shall not exceed 6,160 tons per day. [District Rule 2201]
13. Permittee shall keep accurate records of screen S1 and hopper H72A throughputs on a daily basis and make such records readily available for District inspection for a period of at least 5 years. [District Rule 2201]

AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-7-0

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

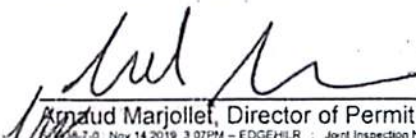
EQUIPMENT DESCRIPTION:
AGGREGATE UNLOADING INCLUDING RECEIVING HOPPER, CONVEYORS AND RADIAL STACKER

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 which is dark or darker than 5% opacity from all crushing and conveying equipment associated with this permit. [District Rule 2201]
3. All haul roads and other roadways traversed by mobile equipment and/or motor vehicles shall be adequately moistened with chemical dust suppressant and/or water at such a frequency as required to prevent visible emissions equal to or in excess of 20% opacity from such roads. [District Rule 4101]
4. Aggregate material processed throughout the facility shall have a moisture content of at least 1.5% by weight. The percent moisture shall be determined by weighing an approximately 2-lb sample of aggregate from any point of the operation, bringing the sample to dryness in a drying oven, then weighing the dried sample; the weight difference is the moisture content. [District Rule 2201]
5. Process weight rate introduced to entire permit unit shall not exceed 5,640 tons per day nor 376,000 ton/year. [District Rule 2201]
6. PM10 emission rate shall not exceed any of the following: 0.000016 lb/ton from loading the grizzly bin and 0.000046 lb/ton from any conveyor transfer point. [District Rule 2201]
7. Permittee shall keep accurate records of aggregate throughput on a daily basis and make such records readily available for District inspection for a period of at least 5 years. [District Rule 2201]

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Samir Sheikh, Executive Director / APCO



Arnold Marjolle, Director of Permit Services
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AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-8-0

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

EQUIPMENT DESCRIPTION:

HOT MIX ASPHALTIC CONCRETE DRUM MIX PLANT INCLUDING FIVE COLD FEED AGGREGATE BINS EACH WITH A FEED BELT CONVEYOR, TWO RAP BINS EACH WITH A FEED BELT CONVEYOR, ONE AGGREGATE COLLECTING CONVEYOR FEEDING A VIBRATING SCREEN WITH A DRUM MIXER FEED CONVEYOR, ONE RAP COLLECTING CONVEYOR FEEDING A VIBRATING SCREEN WITH A DRUM MIXER FEED CONVEYOR, ONE 107 MMBTU/HR NATURAL GAS OR PROPANE FIRED GENCOR ULTRADRUM MODEL 400 (9'9"X44'L) DRUM DRYER/MIXER WITH A LOW-NOX BURNER VENTED TO A GENCOR MODEL CFP-182 BAGHOUSE, ONE ENCLOSED DRAG SLAT CONVEYOR AND ONE 100-TON ASPHALT CONCRETE STORAGE SILO VENTED TO THE DRUM DRYER BURNER AND A TRUCK LOADOUT VENTED TO THE DRUM DRYER BURNER

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. All haul roads and other roadways traversed by mobile equipment and/or motor vehicles shall be adequately moistened with chemical dust suppressant and/or water at such a frequency as required to prevent visible emissions equal to or in excess of 20% opacity from such roads. [District Rule 4101]
4. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
5. Neither cutback, slow cure, or emulsified concrete products (as defined in District Rule 4641, Sections 3.2, 3.4, 3.10, and 5.1) shall be utilized or produced at this facility. [District Rule 4641]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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6. Visible emissions from the baghouse serving the asphaltic concrete rotary drum dryer/mixer shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201]
7. The exhaust stack of the baghouse and drum dryer/mixer shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (a flapper type rain cap is acceptable), roof overhang, or any other obstruction. [District Rule 4102]
8. The baghouse shall be equipped with a pressure differential gauge to indicate the pressure drop across the bags. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201]
9. Replacement bags numbering at least 10% of the total number of bags in the largest baghouse using each type of bag shall be maintained on the premises. [District Rule 2201]
10. Material removed from the baghouse shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201]
11. The baghouse cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201]
12. This unit is subject to the requirements of 40 CFR Part 60, Subpart I: Standards of Performance for Asphalt Concrete Plants. [District Rule 4001 and 40 CFR §60.90]
13. Particulate matter emissions from the exhaust stack of the baghouse shall not exceed 0.04 grains/dscf. [District Rule 4001 and 40 CFR §60.92(a)(1)]
14. The drum dryer/mixer burner shall be fired only on natural gas or propane. [District Rule 2201]
15. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of fuel combusted by the drum dryer/mixer burner shall be installed, utilized, and properly maintained. [District Rule 2201]
16. Heat input to the drum dryer/mixer burner shall not exceed 1,350 MMBtu in any one day and 107,000 MMBtu in any one calendar year. [District Rule 2201]
17. The quantity of aggregate received or processed shall not exceed 5,640 tons in any one day. [District Rule 2201]
18. PM10 emissions from the receiving and processing of the aggregate shall not exceed 0.0004 lb/ton of aggregate received and processed. [District Rule 2201]
19. The quantity of reclaimed asphalt pavement (RAP) received or processed shall not exceed 1,500 tons in any one day. [District Rule 2201]
20. PM10 emissions from the processing of the reclaimed asphalt pavement (RAP) shall not exceed 0.0004 lb/ton of RAP received and processed. [District Rule 2201]
21. The quantity of asphaltic concrete produced shall not exceed 6,000 tons in any one day and 400,000 tons in any one calendar year. [District Rule 2201]
22. NOx emissions from the drum dryer/mixer shall not exceed 3.8 ppmvd @ 19% O2 (referenced as NO2). [District Rule 2201]
23. CO emissions from the drum dryer/mixer shall not exceed 42.0 ppmvd @ 19% O2. [District Rule 2201]
24. VOC emissions from the drum dryer/mixer shall not exceed 0.001 pounds per ton of asphaltic concrete produced. [District Rule 2201]
25. PM10 emissions (measured at the baghouse outlet) shall not exceed 0.00086 pounds per ton of asphaltic concrete produced. [District Rule 2201]
26. SOx emissions from the combustion of propane shall not exceed 0.016 lb/MMBtu. [District Rule 2201]
27. SOx emissions from the combustion of natural gas shall not exceed 0.00285 lb/MMBtu. [District Rule 2201]
28. The quantity of produced asphaltic concrete transferred into the storage silo and loaded out into trucks shall not exceed 6,000 tons in any one day and 400,000 tons in any one calendar year. [District Rule 2201]

29. Emissions from the transfer of the produced asphaltic concrete into the storage silo shall not exceed any of the following limits: 0.00118 pounds of CO per ton of asphaltic concrete silo transferred, 0.0085 pounds of VOC per ton of asphaltic concrete transferred, or 0.000029 pounds of PM10 per ton of asphaltic concrete transferred. [District Rule 2201]
30. Emissions from truck loading of asphaltic concrete shall not exceed any of the following limits: 0.00135 pounds of CO per ton of asphaltic concrete loaded, 0.0029 pounds of VOC per ton of asphaltic concrete loaded, or 0.000026 pounds of PM10 per ton of asphaltic concrete loaded. [District Rule 2201]
31. Source testing to measure NOx and CO emissions from this unit shall be conducted at least once every 24 months thereafter. [District Rules 2201 & 4309]
32. All test results for NOx and CO shall be reported in ppmv @ 19% O2 (or no correction if measured above 19% O2), corrected to dry stack conditions. [District Rule 4309]
33. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081]
34. Source testing to measure NOx and CO emissions from the asphaltic concrete continuous mix plant shall be conducted utilizing one of the following options: (a). Test the unit using locally mined aggregate in the dryer. If the source test using locally minded aggregate fails, the operator may re-run the source test using aggregate from a different source.; (b). Test the unit using aggregate from a source different from the source used during normal operations.; (c). Test the unit using a heat-absorbing material in the dryer, but no aggregate.; (d). Test the unit with no material in the dryer. [District Rule 4309]
35. 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]
36. NOx emissions for source test purposes shall be determined using EPA Method 7E or ARB Method 100 on a ppmv basis. [District Rule 4309]
37. CO emissions for source test purposes shall be determined using EPA Method 10 or ARB Method 100. [District Rule 4309]
38. Stack gas oxygen (O2) shall be determined using EPA Method 3 or 3A or ARB Method 100. [District Rule 4309]
39. Source testing to measure PM10 emissions shall be conducted using EPA method 201 and 202, or EPA method 201A and 202, or CARB method 501 and 5. [District Rule 1081]
40. In lieu of performing a source test for PM10, the results of the total particulate test may be used for compliance with the PM10 emission limit provided the results include both the filterable and condensable (back half) particulates, and that all particulate matter is assumed to be PM10. If this option is exercised, source testing shall be conducted using CARB Method 5 or EPA Method 5 (including condensible (back half) particulates). [District Rule 1081]
41. All emissions measurements shall be made with the unit operating either at conditions representative of normal operations or conditions specified in the Permit to Operate. No determination of compliance shall be established within two hours after a continuous period in which fuel flow to the unit is shut off for 30 minutes or longer, or within 30 minutes after a re-ignition as defined in Section 3.0 of District Rule 4309. [District Rule 4309]
42. For emissions source testing, the arithmetic average of three 30-consecutive-minute test runs shall apply. If two of three runs are above an applicable limit the test cannot be used to demonstrate compliance with an applicable limit. [District Rule 4309]
43. The permittee shall monitor and record the stack concentration of NOx, CO, and O2 at least once every month in which asphalt is produced on at least five days or for at least 32 hours, whichever comes first (and 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 production days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]

44. The asphalt continuous mix plant permittee shall monitor and record the stack concentration of NO_x, CO, and O₂ at least once every month in which asphalt is produced on at least five days or for at least 32 hours, whichever comes first (and 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 production days of restarting the unit unless monitoring has been performed within the last month. [District Rule 4309]
45. If either the NO_x or CO concentrations corrected to 19% O₂ (or no correction if measured above 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]
46. 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]
47. 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 (or no correction if measured above 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]
48. A daily log shall be maintained and shall include the following: (a). Total quantity of aggregate received (in tons); (b). Total quantity of aggregate processed (in tons); (c). Total quantity of RAP received (in tons); (d). Total quantity of RAP processed (in tons); (e). Total storage area (in acres) of the aggregate stockpiles; (f). Total storage area (in acres) of the RAP stockpiles; (g). Total quantity of asphaltic concrete produced (in tons); (h). Total quantity of asphaltic concrete transferred into the storage silo (in tons); (i). Total quantity of asphaltic concrete loaded into trucks (in tons); (j). Type and quantity of fuel consumed in the drum dryer/mixer (in scf of natural gas or gallons of propane); (k). Total hours the HMA continuous mix plant was operated in any one rolling 24 hour period. [District Rules 1070 & 2201]
49. The permittee shall maintain a record of the cumulative annual amount of asphaltic concrete produced, transferred into the storage silo, and loaded into trucks. The cumulative total shall be updated at least monthly. [District Rule 1070 & 2201]
50. The permittee shall maintain a record of the cumulative annual heat input to the drum dryer/mixer. The cumulative total shall be updated at least monthly. The heat input can be determined by multiplying the amount of fuel burned by its corresponding heating value (natural gas = 1,000 Btu/scf or propane = 94,000 Btu/gallon). [District Rules 1070 & 2201]
51. All records shall be maintained and retained on-site for a period of at least 5 years and shall be made available for District inspection upon request. [District Rule 1070]

AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-9-0

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

EQUIPMENT DESCRIPTION:
STORAGE AND HANDLING OF AGGREGATE STORAGE PILES

CONDITIONS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201]
2. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
3. All stockpiled sand, gravel aggregate, rock and other materials shall be maintained adequately moist to prevent visible emissions in excess of 5% opacity. [District Rule 4101]
4. Combined area of active stockpiles shall not be greater than 5 acres. [District Rule 2201]
5. Maximum active stockpile area shall be calculated as a fraction of total acres of stockpiles assessed by aerial survey using conservative geometry assumptions. [District Rule 2201]
6. Controlled emissions from active stockpiles shall not exceed 1.054 lb PM10/acre/day. [District Rule 2201]
7. When handling bulk materials outside an enclosed structure or building, water or chemical/organic stabilizers/suppressants shall be applied as required to limit Visible Dust Emissions to a maximum of 20% opacity. When necessary to achieve this opacity limitation, wind barriers with less than 50% porosity shall also be used. [District Rules 8011 and 8031]

CONDITIONS CONTINUE ON NEXT PAGE

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

Samir Sheikh, Executive Director / APCO



Claude Marjollet, Director of Permit Services

8. When storing bulk materials outside an enclosed structure or building, water or chemical/organic stabilizers/suppressants shall be applied as required to limit Visible Dust Emissions to a maximum of 20% opacity. When necessary to achieve this opacity limitation, all bulk material piles shall also be either maintained with a stabilized surface as defined in Section 3.58 of District Rule 8011, or shall be protected with suitable covers or barriers as prescribed in Table 8031-1, Section B, of District Rule 8031. [District Rules 8011 and 8031]
9. When transporting bulk materials outside an enclosed structure or building, all bulk material transport vehicles shall limit Visible Dust Emissions to 20% opacity by either limiting vehicular speed, maintaining sufficient freeboard on the load, applying water to the top of the load, or covering the load with a tarp or other suitable cover. [District Rules 8011 and 8031]
10. All outdoor chutes and conveyors shall be controlled by any of the following options: 1) full enclosure, 2) operation with water spray equipment that sufficiently wets materials to limit VDE to 20% opacity, or 3) the concentration of particles having an aerodynamic diameter of 10 microns or less in the conveyed material shall be sufficiently small to limit VDE to 20% opacity. [District Rules 8011 and 8031]
11. An owner/operator shall prevent or cleanup any carryout or trackout in accordance with the requirements of District Rule 8041 Section 5.0, unless specifically exempted under Section 4.0 of Rule 8041 (8/19/04) or Rule 8011(8/19/04). [District Rules 8011 and 8041]
12. Where dusting materials are allowed to accumulate on paved surfaces, the accumulation shall be removed daily or water and/or chemical/organic dust stabilizers/suppressants shall be applied to the paved surface as required to maintain continuous compliance with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011 and limit Visible Dust Emissions (VDE) to 20% opacity. [District Rules 8011 and 8071]
13. On each day that 50 or more Vehicle Daily Trips or 25 or more Vehicle Daily Trips with 3 axles or more will occur on an unpaved vehicle/equipment traffic area, permittee shall apply water, gravel, roadmix, or chemical/organic dust stabilizers/suppressants, vegetative materials, or other District-approved control measure as required to limit Visible Dust Emissions to 20% opacity and comply with the requirements for a stabilized unpaved road as defined in Section 3.59 of District Rule 8011. [District Rules 8011 and 8071]
14. Whenever any portion of the site becomes inactive, permittee shall restrict access and periodically stabilize any disturbed surface to comply with the conditions for a stabilized surface as defined in Section 3.58 of District Rule 8011. [District Rules 8011 and 8071]
15. Records and other supporting documentation shall be maintained as required to demonstrate compliance with the requirements of the rules under Regulation VIII only for those days that a control measure was implemented. Such records shall include the type of control measure(s) used, the location and extent of coverage, and the date, amount, and frequency of application of dust suppressant, manufacturer's dust suppressant product information sheet that identifies the name of the dust suppressant and application instructions. Records shall be kept for one year following project completion that results in the termination of all dust generating activities. [District Rules 8011, 8031, and 8071]



AUTHORITY TO CONSTRUCT

PERMIT NO: S-1538-10-0

ISSUANCE DATE: 11/14/2019

LEGAL OWNER OR OPERATOR: CALMAT OF CENTRAL CALIFORNIA
MAILING ADDRESS: ATTN: SENIOR ENVIRONMENTAL SPECIALIST
500 N BRAND BLVD STE 500
GLENDALE, CA 91203

LOCATION: 16101 HIGHWAY 166
BAKERSFIELD, CA 93311

EQUIPMENT DESCRIPTION:
CONCRETE AND ASPHALT CRUSHING OPERATION CONSISTING OF A FEED HOPPER, UP TO TWO CRUSHERS, UP TO TWO MULTIDECK SCREENS, UP TO 12 CONVEYORS, UP TO THREE STACKERS, AND ASSOCIATED STORAGE PILES

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. Amount of material received by feed hopper loading and 2-deck screen shall not exceed either of the following: 7,200 tons/day or 180,000 tons/yr. [District Rule 2201]
4. Amount of material received by jaw crusher and cone crusher shall not exceed either of the following: 3,600 tons/day or 90,000 tons/yr. [District Rule 2201]
5. Amount of material received by 3-deck screen shall not exceed either of the following: 10,800 tons/day or 270,000 tons/yr. [District Rule 2201]
6. Amount of material received by conveyor following jaw crusher shall not exceed either of the following: 7,200 tons/day or 180,000 tons/yr. [District Rule 2201]
7. Amount of material received by conveyors following cone crusher and 3-deck screen shall not exceed either of the following: 3600 tons/day or 90,000 tons/yr. [District Rule 2201]

CONDITIONS CONTINUE ON NEXT PAGE

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Samir Sheikh, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

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8. Amount of material received by conveyors other than listed above and stacker shall not exceed either of the following: 2,400 tons/day or 60,000 tons/yr. [District Rule 2201]
9. Emission rates from feed hopper loading, conveyors, and stacker shall not exceed 0.000046 lb PM10/ton for each drop point. [District Rule 2201]
10. Emission rates from crushers shall not exceed 0.00054 lb PM10/ton for each drop point. [District Rule 2201]
11. Emission rate from screens shall not exceed 0.00074 lb PM10/ton for each drop point. [District Rule 2201]
12. PM10 emissions shall not exceed 19.6 lb/day or 488 lb PM10/yr. [District Rule 2201]
13. The permittee may use any combination of equipment as long as the equipment in use does not exceed the equipment description and the prescribed operational limits contained in this permit. [District Rule 2201]
14. Only asphaltic and portland concrete shall be processed. [District Rules 2201 and 4102]
15. Visible emission from any feeder, screen, or conveyor shall not exceed 7% opacity as measured pursuant to Title 40, Part 60, Subpart OOO (Standards of Performance for Nonmetallic Processing Plants) of the Code of Federal Regulations. [District Rules 2201 and 4001 and 40 CFR Part 60.672(b)]
16. Visible emissions from each crusher shall not exceed 12% opacity as measured pursuant to Title 40, Part 60, Subpart OOO (Standards of Performance for Nonmetallic Processing Plants) of the Code of Federal Regulations. [District Rules 2201 and 4001 and 40 CFR Part 60.672(b)]
17. For the purpose of demonstrating initial compliance, opacity observations shall be conducted for the equipment within 60 days after achieving the maximum production rate but no later than 180 days after initial startup. [District Rule 4001 and 40 CFR Part 60.670(f) and 40 CFR Part 60.11]
18. The permittee shall perform an initial startup inspection and monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. [District Rule 4001 and 40 CFR Part 60.674(b)]
19. All spray nozzles shall be maintained in proper working condition at all times. [District Rule 2201]
20. Demonstration of the visible emissions opacity limits shall be determined using EPA Method 9 and the procedures listed in 40 CFR Part 60.11, with the additional requirements specified in 40 CFR Part 60.675(c)(1)(i) through Part 60.675(c)(1)(iii). The duration of the Method 9 observations must be based on the average of the five 6-minute averages. [District Rule 4001 and 40 CFR Part 60.675(c)(1) and (c)(3), 40 CFR Part 60.11]
21. The permittee shall maintain a logbook that contains the following information: 1) dates of water spray nozzles inspections, 2) finding, 3) dates and any corrective actions taken, and 4) inspector name and signature. The logbook must be kept onsite and the permittee shall make hard or electronic copies (whichever is requested) of the logbook available to the Administrator or the District inspection upon request. [District Rule 4001 and 40 CFR Part 60.676(b)]
22. The permittee shall submit written reports of initial demonstration of visible emission opacity compliance made using the methods and procedures listed in 40 CFR Part 60.675(c)(1) and Part 60.675(c)(3) to the District within 60 days after the completion of initial opacity tests. [District Rules 1070 and 4001, and 40 CFR Part 60.676(f)]
23. The permittee shall maintain records of tons/day and tons per year of material received by feed hopper, crusher, conveyors, 3-deck screen, 2-deck screen, and stacker. [District Rule 2201]
24. 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 Rule 4702 and 17 CCR 93116]