

AIR QUALITY SYTHETIC MINOR SOURCE AUTHORITY TO CONSTRUCT

Permit No.: AAIR16-0933

Permit Expiration: May 11, 2026

Permit Issued To: Empire Mining Co, LLC
Physical Address: NV Highway 447 MP 68
Mailing Address: PO Box 157, Gerlach, NV 89412
Billing Address: PO Box 157, Gerlach, NV 89412
Responsible Official: David Hornsby, President COO

Phone: (775) 800-4569

Facility Description:

Empire Mining Co. LLC is a gypsum product manufacturer with mineral processing equipment in Washoe County. The source currently operates mineral processing and gasoline dispensing equipment and plans to add additional equipment for stucco manufacturing. As a mineral processing operation, the source is classified under SIC code 3275, "Gypsum Products" and NAICS code 327420, "Gypsum Product Manufacturing".

Allowable Emissions:

The following quantities of emissions are the facility's allowable emissions based upon the source's potential to emit, as determined by the physical and operational design of the equipment and any practically enforceable permit conditions that limit the emissions of the source based on use of emissions control equipment, controlled operating rates, hours of operation, or other emissions control methods. The following quantities are used to determine annual permit maintenance fees and are enforceable emissions limits. (DBOH 030.217)

1. 38.91 tons per year of PM₁₀
2. 11.89 tons per year of PM_{2.5}
3. 0.08 tons per year of SO₂
4. 11.87 tons per year of NO_x
5. 5.74 tons per year of CO
6. 1.50 tons per year of VOC

Facility Emissions Unit List:

Non-Metallic Mineral Processing – Stucco Production

System S: Stucco Production – Material Transfer

- S.001 – Hopper
- S.002 – Conveyor

System T: Stucco Production – Material Transfer

- T.001 – Conveyor
- T.002 – Conveyor
- CT.001 – Dust Collector

- CT.002 – Dust Collector

System U: Stucco Production – Rock Tanks

- U.001 – Rock Tank 1 and Screw Conveyor
- U.002 – Rock Tank 2 and Screw Conveyor

System V: Stucco Production – Mills

- V.001 – Mill 1 and Screw Conveyor
- V.002 – Mill 2 and Screw Conveyor
- V.003 – Mill 3 and Screw Conveyor
- V.004 – Mill Dryer 1
- V.005 – Mill Dryer 2
- V.006 – Mill Dryer 3
- CT.003 – Dust Collector
- CT.004 – Dust Collector
- CT.005 – Dust Collector

System W: Stucco Production – Classifiers

- W.001 – Classifier 1
- W.002 – Classifier 2
- W.003 – Screw Conveyor

System X: Stucco Production – LP Tanks

- X.001 – LP Tank 1 and Screw Conveyor
- X.002 – LP Tank 2 and Screw Conveyor
- X.003 – LP Tank 3 and Screw Conveyor
- X.004 – LP Tank 4 and Screw Conveyor
- X.005 – LP Tank 5 and Screw Conveyor
- X.006 – LP Tank 6 and Screw Conveyor
- X.007 – LP Tank 7 and Screw Conveyor

System Y: Stucco Production – Material Transfer

- Y.001 – Screw Conveyor
- Y.002 – Screw Conveyor
- Y.003 – Screw Conveyor
- Y.004 – Screw Conveyor
- Y.005 – Screw Conveyor
- Y.006 – Screw Conveyor
- Y.007 – Screw Conveyor

System Z: Stucco Production – Kettles

- Z.001 – Kettle 1
- Z.002 – Kettle 2
- Z.003 – Kettle 3
- Z.004 – Kettle 4
- Z.005 – Kettle 5
- Z.006 – Kettle Burner 1
- Z.007 – Kettle Burner 2

- Z.008 – Kettle Burner 3
- Z.009 – Kettle Burner 4
- Z.010 – Kettle Burner 5
- CT.006 – Dust Collector
- CT.007 – Dust Collector
- CT.008 – Dust Collector
- CT.009 – Dust Collector
- CT.0010 – Dust Collector

System AA: Stucco Production – Hot Holding Tanks

- AA.001 – Hot Holding Tank 1 and Screw Conveyor
- AA.002 – Hot Holding Tank 2 and Screw Conveyor
- AA.003 – Hot Holding Tank 3 and Screw Conveyor
- AA.004 – Hot Holding Tank 4 and Screw Conveyor
- AA.005 – Hot Holding Tank 5 and Screw Conveyor
- AA.006 – Screw Conveyor
- CT.011 – Dust Collector

System AB: Stucco Production – Material Transfer

- AB.001 – Elevator 1
- AB.002 – Screw Conveyor
- AB.003 – Screw Conveyor

System AC – Stucco Production – Stucco Tank

- AC.001 – Stucco Tank

System AD – Stucco Production – Material Transfer

- AD.001 – Screw Conveyor
- AD.002 – Elevator 2
- AD.003 – Screw Conveyor

System AE – Stucco Production – Screen

- AE.001 – Scalping Screen

System AF – Stucco Production – Material Transfer

- AF.001 – Screw Conveyor
- AF.002 – Weigh Hopper

System AG – Stucco Production – Mixer

- AG.001 – Mixer
- CT.012 – Dust Collector

System AH – Stucco Production – Baggers

- AH.001 – Bagger 1
- AH.002 – Bagger 2
- AH.003 – Bagger 3
- AH.004 – Bagger 4
- AH.005 – Bagger 5

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Issued by the Northern Nevada Public Health - Air Quality Management Division (AQMD) pursuant to its authority under District Board of Health Regulations Governing Air Quality Management Chapter 030, Source Permitting and Operation.

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I. General Provisions

- A. Transfer of Ownership** - This Permit to Operate is not transferable, by operation of law or otherwise, from one location to another, or from one piece of equipment or process to another but may be transferred from one person to another upon approval of the Control Officer and payment of a fee set by the District Board of Health. (DBOH 030.245)
- B. Posting of Permit to Operate** - A person who has been granted a Permit to Operate shall display the permit in a room or office on the premises which is readily accessible to air pollution control personnel for inspection or examination, and reasonably close to the equipment or other contrivance which is the subject of the permit. (DBOH 030.240)
- C. Modifications of Permit to Operate** - It is unlawful for any person to make any modifications affecting the emissions of any equipment covered by this Permit to Operate without AQMD approval. Modification of the equipment covered by this Permit to Operate outside of routine operation and maintenance may require an Authority to Construct. (DBOH 030.000; 030.002)
- D. Record Keeping**
1. Any holder of a Permit to Operate shall keep adequate records concerning contaminant emissions for any equipment or process for which the permit was issued. All owners or operators operating add-on emissions control equipment shall maintain records sufficient to legally demonstrate that the equipment has operated in compliance with all applicable Federal, State and District regulations. The owner or operator shall also record any times or occasions when the emissions control equipment is not in operation due to equipment failure, maintenance, or any other reason. (DBOH 030.230)
 2. Any records of operation which affect the potential of the source to emit air pollutants, such as fuel or products consumed, products produced, hours of operation, chemicals or supplies used in source operation, must be maintained for a period of at least five (5) years and made available to the Control Officer upon request. (DBOH 030.218)
- E. Upset/Breakdown/Excess Emissions** - All Emergency Upset, Breakdown or Scheduled Maintenance at any facility or of any permitted equipment where excess emissions occur must be reported in compliance with Washoe County District Board of Health Regulations Governing Air Quality Management. (DBOH 020.300.B)
- F. Right of Entry** - No person shall refuse entry or access to any authorized representative of the District Board of Health, upon presentation of appropriate credential, who requests entry to inspect any property, premises, or place on or at which an air contaminant source is located or is being constructed, installed, or established at any reasonable time for the purpose of ascertaining the state of compliance with these regulations. No person shall obstruct, hamper, or interfere with any such inspection. (DBOH 020.100.A.5.a)
- G. Odorous Emissions** - The operator will not discharge or cause the discharge of odorous emissions which result in confirmed violations of District Regulations Governing Air Quality Management. Upon confirmation of a violation of the odor emissions regulation, the operator must submit a plan to reduce the odorous emissions within thirty (30) days of Notice by the Control Officer. (DBOH 040.055)
- H. Annual Emissions Reporting** - The previous calendar year annual throughput/consumption figures and calculated emissions, with supporting documentation, must be submitted in writing to the AQMD in accordance with the Annual Reporting Requirements section of the Permit to Operate. (DBOH 030.218)
- I. Opacity** - Visible emissions shall not exceed 20% opacity (Ringelmann #1) for a period or periods aggregating more than three (3) minutes in any one hour (DBOH 040.005). Compliance with visible emissions shall be determined using the techniques specified in EPA Reference Method 9, 40 CFR Part 60, Appendix A.

II. Facility-Wide Provisions

A. Facility-Wide Emissions Limits. The following quantities of emissions are the facility's allowable emissions based upon the source's potential to emit, as determined by the physical and operational design of the equipment and any practically enforceable permit conditions that limit the emissions of the source based on use of emissions control equipment, controlled operating rates, hours of operation, or other emissions control methods. The following quantities are used to determine annual permit maintenance fees and are enforceable emissions limits. (DBOH 030.217)

1. 38.91 tons per year of PM₁₀
2. 11.89 tons per year of PM_{2.5}
3. 0.08 tons per year of SO₂
4. 11.87 tons per year of NO_x
5. 5.74 tons per year of CO
6. 1.50 tons per year of VOC

B. Operating Parameters

1. Fugitive dust emissions at the facility must be controlled at all times, including the pit area and on the haul roads during operation by use of water truck, sprinklers, or other reasonable methods. (DBOH 040.030.C(2)).
2. Any soil tracked onto adjoining paved roadways shall be promptly removed. (DBOH 040.030.4(b))
3. All haul trucks shall be covered with a suitable closure, or bulk materials must contain enough moisture and/or dust suppressant, or loaded such that freeboard is not less than 6 inches in order to prevent fugitive dust during transport. (DBOH 040.030.C(4)(a))
4. The owner or operator must revegetate all mined areas in compliance with their mining plan as approved by Washoe County. All mining areas shall be re-vegetated upon completion of mining in that portion of the mining area. The revegetation shall be accomplished with a BLM approved natural seed mixture. (DBOH 030.217)
5. During all reclamation activities (re-grading slopes, application of topsoil, etc.), fugitive dust emissions must be controlled by use of water truck, sprinklers or other reasonable methods. (DBOH 030.217)

C. Monitoring and Recordkeeping. Sources seeking exemption from Title V as a synthetic minor shall maintain the following records of operation sufficient to calculate actual emissions annually as a part of their Permit to Operate renewal. Such information shall be summarized in a monthly log, maintained on site for five years, and be made available to the Control Officer upon request. (DBOH 010.090 E)

1. The owner or operator shall calculate and record, in a contemporaneous log, estimated total PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC emissions for all emissions sources each calendar month, in tons, based on total amount of material processed and hours of operation using the equations and emissions factors identified in the owner or operator's original application or other AQMD-approved method. Records shall be maintained on site for a period of at least five years and shall be made available to AQMD representatives upon request.
2. The owner or operator shall calculate 12-month rolling total facility-wide estimated emissions of PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC for each calendar month in ton(s) per year. Emissions totals shall be available within 60 days of the end of a month. The owner or operator shall total PM₁₀, PM_{2.5}, SO₂, NO_x, CO, and VOC emissions as calculated for all sources identified in this permit to determine compliance with the regulated air pollutants facility-wide emissions limit.

D. Reporting. An annual report shall be submitted to the Northern Nevada Public Health Air Quality Management Division by March 31 of each year. This report shall include: (DBOH 010.090 E)

1. Once per year, the owner or operator shall report to AQMD the 12-month rolling total regulated air pollutants emissions recorded under the regulated air pollutants emissions calculation (condition II.B.1 of this permit) used to determine compliance with the regulated air pollutants facility-wide emissions limit. The report shall include, but is not limited to, all methods, equations, emissions factors, and sources for emissions factors not previously identified used to determine the 12-month rolling total regulated air pollutants emissions.
2. Together with the annual report, the owner/operator shall submit an annual certification of compliance, signed by the owner/operator's responsible official. The certification shall read:
"Under penalty of perjury, I certify the following: based on information and belief formed after reasonable inquiry, the owner/operator facility has been in compliance with the synthetic minor conditions for the following period of time: _____"
3. **Deviations.** The owner or operator shall notify the Control Officer of any deviations from the requirements of a permit or these regulations within fifteen (15) calendar days. The report to the Control Officer shall include the probable cause of all deviations and any action taken to correct the deviations. (DBOH 020.300 B.)

III. Specific Provisions

A. System S – Stucco Production – Material Transfer

- S.001 – Hopper
- S.002 – Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from S.001 and S.002, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of S.001 and S.002, the owner or operator shall not discharge into the atmosphere from S.001 and S.002 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.72 tons per year of PM10
- (2) 0.10 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

- c. The fugitive emissions from any belt conveyor transfer point must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for S.001 and S.002, each, shall not exceed 1,800 tons of material per any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for S.001 and S.002, each, on a daily basis.

- (2) Monitor and record the hours of operation for S.001 and S.002, each, on a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for S.001 and S.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for S.001 and S.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)

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B. System T – Stucco Production – Material Transfer

- T.001 – Conveyor
- T.002 – Conveyor
- CT.001 – Dust Collector
- CT.002 – Dust Collector

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from T.001 shall be controlled by a dust collector CT.001 at all times. (DBOH 030.217)
- b. Emissions from T.002 shall be controlled by a dust collector CT.002 at all times. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of T.001 and T.002, the owner or operator shall not discharge into the atmosphere from T.001 and T.002 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.03 tons per year of PM10
- (2) 0.01 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any belt conveyor transfer point must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for T.001 and T.002, each, shall not exceed 1,800 tons of material per any 24-hour period. (DBOH 030.217)
- b. All filter bags or cartridges for CT.001 and CT.002 must be in good operating condition and must be cleaned or replaced as needed. Blinded or torn filter bags or cartridges will be cleaned or replaced immediately. (DBOH 030.217)
- c. New filter bags or cartridges for CT.001 and CT.002 amounting to 20 percent of the number normally in use will be kept on site for repair and replacement. (DBOH 030.217)
- d. Maintenance, date and time of any malfunctions, including cause of malfunction, of CT.001 and CT.002 must be kept in a log available for inspection by the AQMD. (DBOH 030.217)
- e. CT.001 and CT.002 must be properly ducted to a waste bin(s). The bin(s) must be emptied when necessary and any spills on the ground around the hopper/waste bin(s) must be cleaned promptly. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)
 - (1) Monitor and record the amount of material processed, in tons, for T.001 and T.002, each, on a daily basis.
 - (2) Monitor and record the hours of operation for T.001 and T.002, each, on a daily basis.
 - (3) Monitor and record the amount of material processed, in tons, for T.001 and T.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (4) Monitor and record the hours of operation for T.001 and T.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (5) The owner or operator shall monitor and record the pressure drop across the filtration system of CT.001 and CT.002 on a daily basis to ensure that the manufacturer's specifications are not exceeded. (DBOH 030.217)
 - (6) CT.001 and CT.002, each, must be checked on a daily basis for leaks. (DBOH 030.217)

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)
- b. The owner or operator of any affected facility that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22. The Method 22 test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 test, including the date and any corrective actions taken, in the logbook required under Section 5.a. (40 CFR 60.674(c), 40 CFR 60 Subpart OOO Table 3)

C. System U – Stucco Production – Rock Tanks

- U.001 – Rock Tank 1 and Screw Conveyor
- U.002 – Rock Tank 2 and Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from U.001 and U.002, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of U.001 and U.002, the owner or operator shall not discharge into the atmosphere from U.001 and U.002 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.03 tons per year of PM10
- (2) 0.01 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for U.001 and U.002, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for U.001 and U.002, each, on a daily basis.
- (2) Monitor and record the hours of operation for U.001 and U.002, each, on a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for U.001 and U.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of

- material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for U.001 and U.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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D. System V – Stucco Production – Mills

- V.001 – Mill 1 and Screw Conveyor
- V.002 – Mill 2 and Screw Conveyor
- V.003 – Mill 3 and Screw Conveyor
- V.004 – Mill Dryer 1
- V.005 – Mill Dryer 2
- V.006 – Mill Dryer 3
- CT.003 – Dust Collector
- CT.004 – Dust Collector
- CT.005 – Dust Collector

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from V.001 shall be controlled by a dust collector CT.003 at all times. (DBOH 030.217)
- b. Emissions from V.002 shall be controlled by a dust collector CT.004 at all times. (DBOH 030.217)
- c. Emissions from V.003 shall be controlled by a dust collector CT.005 at all times. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of V.001 through V.006, the owner or operator shall not discharge into the atmosphere from V.001 through V.006 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 13.21 tons per year of PM₁₀
- (2) 5.33 tons per year of PM_{2.5}
- (3) 0.03 tons per year of SO₂
- (4) 3.73 tons per year of NO_x
- (5) 2.15 tons per year of CO
- (6) 0.29 tons per year of VOC

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any grinding mill must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for V.001 through V.003, each, shall not exceed 600 tons of material in any 24-hour period. (DBOH 030.217)
- b. V.004 through V.006, each, may combust propane. (DBOH 030.217)

- c. All filter bags or cartridges for CT.003 through CT.005, each, must be in good operating condition and must be cleaned or replaced as needed. Blinded or torn filter bags or cartridges will be cleaned or replaced immediately. (DBOH 030.217)
- d. New filter bags or cartridges for CT.003 through CT.005, each amounting to 20 percent of the number normally in use, will be kept on site for repair and replacement. (DBOH 030.217)
- e. Maintenance, date and time of any malfunctions, including cause of malfunction, of CT.003 through CT.005, each, must be kept in a log available for inspection by the AQMD. (DBOH 030.217)
- f. CT.003 through CT.005, each, must be properly ducted to a waste bin(s). The bin(s) must be emptied when necessary and any spills on the ground around the hopper/waste bin(s) must be cleaned promptly. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)
 - (1) Monitor and record the amount of material processed, in tons, for V.001 through V.003, each, on a daily basis.
 - (2) Monitor and record the consumption of propane, in gallons, for V.004 through V.006, each, on a daily basis. (DBOH 030.217)
 - (3) Monitor and record the hours of operation for V.001 through V.006, each, on a daily basis.
 - (4) Monitor and record the amount of material processed, in tons, for V.001 through V.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (5) Monitor and record the consumption of propane, in gallons, for V.004 through V.006, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (6) Monitor and record the hours of operation for V.001 through V.006, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (7) The owner or operator shall monitor and record the pressure drop across the filtration system of CT.003 through CT.005, each, on a daily basis to ensure that the manufacturer's specifications are not exceeded. (DBOH 030.217)
 - (8) CT.003 through CT.005, each, must be checked on a daily basis for leaks. (DBOH 030.217)

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)
- b. The owner or operator of any affected facility that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22. The Method 22 test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are

observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 test, including the date and any corrective actions taken, in the logbook required under Section 5.a. This test shall be repeated every five years. (40 CFR 60.674(c), 40 CFR 60 Subpart OOO Table 3)

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E. System W – Stucco Production – Classifiers

- W.001 – Classifier 1
- W.002 – Classifier 2
- W.003 – Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from W.001 through W.003, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of W.001 through W.003 the owner or operator shall not discharge into the atmosphere from W.001 through W.003 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 6.85 tons per year of PM10
- (2) 2.70 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for W.001 through W.003, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for W.001 through W.003, each, on a daily basis.
- (2) Monitor and record the hours of operation for W.001 through W.003, each, on a daily basis.

- (3) Monitor and record the amount of material processed, in tons, for W.001 through W.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for W.001 through W.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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F. System X – Stucco Production – LP Tanks

- X.001 – LP Tank 1 and Screw Conveyor
- X.002 – LP Tank 2 and Screw Conveyor
- X.003 – LP Tank 3 and Screw Conveyor
- X.004 – LP Tank 4 and Screw Conveyor
- X.005 – LP Tank 5 and Screw Conveyor
- X.006 – LP Tank 6 and Screw Conveyor
- X.007 – LP Tank 7 and Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from X.001 through X.007, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of X.001 through X.007, the owner or operator shall not discharge into the atmosphere from X.001 through X.007 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.01 tons per year of PM10
- (2) 0.01 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for X.001 through X.007, each, shall not exceed 240 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for X.001 through X.007, each, on a daily basis.
- (2) Monitor and record the hours of operation for X.001 through X.007, each, on a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for X.001 through X.007, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for X.001 through X.007, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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G. System Y – Stucco Production – Material Transfer

- Y.001 – Screw Conveyor
- Y.002 – Screw Conveyor
- Y.003 – Screw Conveyor
- Y.004 – Screw Conveyor
- Y.005 – Screw Conveyor
- Y.006 – Screw Conveyor
- Y.007 – Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from Y.001 through Y.007, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of Y.001 through Y.007, the owner or operator shall not discharge into the atmosphere from Y.001 through Y.007 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.01 tons per year of PM10
- (2) 0.01 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for Y.001 through Y.007, each, shall not exceed 240 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for Y.001 through Y.007, each, on a daily basis.
- (2) Monitor and record the hours of operation for Y.001 through Y.007, each, on a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for Y.001 through Y.007, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for Y.001 through Y.007, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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H. System Z – Stucco Production – Kettles

- Z.001 – Kettle 1
- Z.002 – Kettle 2
- Z.003 – Kettle 3
- Z.004 – Kettle 4
- Z.005 – Kettle 5
- Z.006 – Kettle Burner 1
- Z.007 – Kettle Burner 2
- Z.008 – Kettle Burner 3
- Z.009 – Kettle Burner 4
- Z.010 – Kettle Burner 5
- CT.006 – Dust Collector
- CT.007 – Dust Collector
- CT.008 – Dust Collector
- CT.009 – Dust Collector
- CT.0010 – Dust Collector

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from Z.001 shall be controlled by a dust collector CT.006 at all times. (DBOH 030.217)
- b. Emissions from Z.002 shall be controlled by a dust collector CT.007 at all times. (DBOH 030.217)
- c. Emissions from Z.003 shall be controlled by a dust collector CT.008 at all times. (DBOH 030.217)
- d. Emissions from Z.004 shall be controlled by a dust collector CT.009 at all times. (DBOH 030.217)
- e. Emissions from Z.005 shall be controlled by a dust collector CT.010 at all times. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of Z.001 through Z.010, the owner or operator shall not discharge into the atmosphere from Z.001 through Z.010 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)
 - (1) 0.99 tons per year of PM₁₀
 - (2) 0.59 tons per year of PM_{2.5}
 - (3) 0.05 tons per year of SO₂
 - (4) 6.22 tons per year of NO_x
 - (5) 3.59 tons per year of CO
 - (6) 0.48 tons per year of VOC

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for Z.001 through Z.005, each, shall not exceed 360 tons of material in any 24-hour period. (DBOH 030.217)
- b. Z.006 through Z.010, each, may combust propane. (DBOH 030.217)
- c. All filter bags or cartridges for CT.006 through CT.010, each, must be in good operating condition and must be cleaned or replaced as needed. Blinded or torn filter bags or cartridges will be cleaned or replaced immediately. (DBOH 030.217)
- d. New filter bags or cartridges for CT.006 through CT.010, each, amounting to 20 percent of the number normally in use will be kept on site for repair and replacement. (DBOH 030.217)
- e. Maintenance, date and time of any malfunctions, including cause of malfunction, of CT.006 through CT.010, each, must be kept in a log available for inspection by the AQMD. (DBOH 030.217)
- f. CT.006 through CT.010, each, must be properly ducted to a waste bin(s). The bin(s) must be emptied when necessary and any spills on the ground around the hopper/waste bin(s) must be cleaned promptly. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)
 - (1) Monitor and record the amount of material processed, in tons, for Z.001 through Z.005, each, on a daily basis.
 - (2) Monitor and record the consumption of propane, in gallons, for Z.006 through Z.010, each, on a daily basis. (DBOH 030.217)
 - (3) Monitor and record the hours of operation for Z.001 through Z.010, each, on a daily basis.
 - (4) Monitor and record the amount of material processed, in tons, for Z.001 through Z.005, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (5) Monitor and record the consumption of propane, in gallons, for Z.006 through Z.010, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (6) Monitor and record the hours of operation for Z.001 through Z.010, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (7) The owner or operator shall monitor the pressure drop across the filtration system of CT.003 through CT.005, each, on a daily basis to ensure that the manufacturer's specifications are not exceeded. (DBOH 030.217)
 - (8) CT.003 and CT.005, each, must be checked on a daily basis for leaks. (DBOH 030.217)

6. Testing

- a. The owner or operator of any affected facility that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections using EPA Method 22. The Method 22 test shall be conducted while the baghouse is operating. The test is successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator of the affected facility must initiate corrective action within 24 hours to return the baghouse to normal operation. The owner or operator must record each Method 22 test, including the date and any corrective actions taken, in the logbook required under Section 5.a. This test shall be repeated every five years. (40 CFR 60.674(c), 40 CFR 60 Subpart OOO Table 3)

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I. System AA – Stucco Production – Hot Holding Tanks

- AA.001 – Hot Holding Tank 1 and Screw Conveyor
- AA.002 – Hot Holding Tank 2 and Screw Conveyor
- AA.003 – Hot Holding Tank 3 and Screw Conveyor
- AA.004 – Hot Holding Tank 4 and Screw Conveyor
- AA.005 – Hot Holding Tank 5 and Screw Conveyor
- AA.006 – Screw Conveyor
- CT.011 – Dust Collector

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AA.001 through AA.006, each, shall be controlled by a dust collector CT.011 at all times. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AA.001 through AA.006, the owner or operator shall not discharge into the atmosphere from AA.001 through AA.006 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.66 tons per year of PM₁₀
- (2) 0.26 tons per year of PM_{2.5}

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any transfer point must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AA.001 through AA.006, each, shall not exceed 360 tons of material in any 24-hour period. (DBOH 030.217)
- b. All filter bags or cartridges for CT.011 must be in good operating condition and must be cleaned or replaced as needed. Blinded or torn filter bags or cartridges will be cleaned or replaced immediately. (DBOH 030.217)
- c. New filter bags or cartridges for CT.011 amounting to 20 percent of the number normally in use will be kept on site for repair and replacement. (DBOH 030.217)
- d. Maintenance, date and time of any malfunctions, including cause of malfunction, of CT.011 must be kept in a log available for inspection by the AQMD. (DBOH 030.217)

- e. CT.011 be properly ducted to a waste bin(s). The bin(s) must be emptied when necessary and any spills on the ground around the hopper/waste bin(s) must be cleaned promptly. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)
 - (1) Monitor and record the amount of material processed, in tons, for AA.001 through AA.006, each, on a daily basis.
 - (2) Monitor and record the hours of operation for AA.001 through AA.006, each, on a daily basis.
 - (3) Monitor and record the amount of material processed, in tons, for AA.001 through AA.006, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (4) Monitor and record the hours of operation for AA.001 through AA.006, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (5) The owner or operator shall monitor the pressure drop across the filtration system of CT.011 on a daily basis to ensure that the manufacturer's specifications are not exceeded. (DBOH 030.217)
 - (6) CT.011 must be checked on a daily basis for leaks. (DBOH 030.217)

J. System AB – Stucco Production – Material Transfer

- AB.001 – Elevator 1
- AB.002 – Screw Conveyor
- AB.003 – Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AB.001 through AB.003, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AB.001 through AB.003, the owner or operator shall not discharge into the atmosphere from AB.001 through AB.003 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.05 tons per year of PM10
- (2) 0.01 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any bucket elevator must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AB.001 through AB.003, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AB.001 through AB.003, each, on a daily basis.
- (2) Monitor and record the hours of operation for AB.001 through AB.003, each, on a daily basis.

- (3) Monitor and record the amount of material processed, in tons, for AB.001 through AB.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for AB.001 through AB.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)

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K. System AC – Stucco Production – Stucco Tank

- AC.001 – Stucco Tank

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AC.001 shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AC.001 the owner or operator shall not discharge into the atmosphere from AC.001 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.36 tons per year of PM10
- (2) 0.05 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for AC.001 shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AC.001 on a daily basis.
- (2) Monitor and record the hours of operation for AC.001 a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for AC.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

- (4) Monitor and record the hours of operation for AC.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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L. System AD – Stucco Production – Material Transfer

- AD.001 – Screw Conveyor
- AD.002 – Elevator 2
- AD.003 – Screw Conveyor

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AD.001 through AD.003, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AD.001 through AD.003, the owner or operator shall not discharge into the atmosphere from AD.001 through AD.003 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.05 tons per year of PM₁₀
- (2) 0.01 tons per year of PM_{2.5}

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any bucket elevator must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AD.001 through AD.003, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AD.001 through AD.003, each, on a daily basis.
- (2) Monitor and record the hours of operation for AD.001 through AD.003, each, on a daily basis.

- (3) Monitor and record the amount of material processed, in tons, for AD.001 through AD.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for AD.001 through AD.003, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)

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M. System AE – Stucco Production – Screen

- AE.001 – Screen

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AE.001 shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AE.001 the owner or operator shall not discharge into the atmosphere from AC.001 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 2.86 tons per year of PM10
- (2) 0.37 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

- c. The fugitive emissions from any screening operation must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AE.001 shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AE.001 on a daily basis.
- (2) Monitor and record the hours of operation for AE.001 a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for AE.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be

- determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for AE.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)

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N. System AF – Stucco Production – Material Transfer

- AF.001 – Screw Conveyor
- AF.002 – Weigh Hopper

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AF.001 through AF.002, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AF.001 through AF.002, the owner or operator shall not discharge into the atmosphere from AF.001 through AF.002 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.93 tons per year of PM10
- (2) 0.12 tons per year of PM2.5

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

4. Operating Parameters

- a. The maximum allowable throughput rate for AF.001 and AF.002, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AF.001 through AF.002, each, on a daily basis.
- (2) Monitor and record the hours of operation for AF.001 through AF.002, each, on a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for AF.001 through AF.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of

- material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for AF.001 through AF.002, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

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O. System AG – Stucco Production – Mixer

- AG.001 – Mixer
- CT.012 – Dust Collector

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AG.001 shall be controlled by a dust collector CT.012 at all times. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AG.001 the owner or operator shall not discharge into the atmosphere from AG.001 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 0.33 tons per year of PM₁₀
- (2) 0.12 tons per year of PM_{2.5}

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)
- c. The fugitive emissions from any transfer point must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AG.001 shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)
- b. All filter bags or cartridges for CT.012 must be in good operating condition and must be cleaned or replaced as needed. Blinded or torn filter bags or cartridges will be cleaned or replaced immediately. (DBOH 030.217)
- c. New filter bags or cartridges for CT.012 amounting to 20 percent of the number normally in use will be kept on site for repair and replacement. (DBOH 030.217)
- d. Maintenance, date and time of any malfunctions, including cause of malfunction, of CT.012 must be kept in a log available for inspection by the AQMD. (DBOH 030.217)
- e. CT.012 be properly ducted to a waste bin(s). The bin(s) must be emptied when necessary and any spills on the ground around the hopper/waste bin(s) must be cleaned promptly. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)
- (1) Monitor and record the amount of material processed, in tons, for AG.001 on a daily basis.
 - (2) Monitor and record the hours of operation for AG.001 on a daily basis.
 - (3) Monitor and record the amount of material processed, in tons, for AG.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (4) Monitor and record the hours of operation for AG.001 on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
 - (5) The owner or operator shall monitor the pressure drop across the filtration system of CT.012 on a daily basis to ensure that the manufacturer's specifications are not exceeded. (DBOH 030.217)
 - (6) CT.012 must be checked on a daily basis for leaks. (DBOH 030.217)

P. System AH – Stucco Production – Baggers

- AH.001 – Bagger 1
- AH.002 – Bagger 2
- AH.003 – Bagger 3
- AH.004 – Bagger 4
- AH.005 – Bagger 5

1. Initial Notification Requirements. The owner or operator of each affected facility shall submit notifications for the construction and startup of the emissions units. These notifications shall be submitted using initial notification documents provided by the AQMD.

- a. The Startup Notification notifying the actual date of initial startup of the emissions units shall be submitted within fifteen (15) calendar days after such date. (DBOH 030.217)

2. Air Pollution Equipment

- a. Emissions from AH.001 through AH.005, each, shall be controlled by best operating practices. (DBOH 030.217)

3. Emissions Limits

- a. On or after the date of startup of AH.001 through AH.005, the owner or operator shall not discharge into the atmosphere from AH.001 through AH.005 the following pollutants in excess of the following specified limits: (DBOH 010.090.E)

- (1) 1.81 tons per year of PM₁₀
- (2) 0.64 tons per year of PM_{2.5}

- b. The owner or operator of a source engaging in dust generating activities shall not allow visible fugitive dust emissions for a period or periods accumulating more than 5 minutes in any hour. (DBOH 040.030.C.1)

- c. The fugitive emissions from any bagging operation must not exceed 7% opacity. (40 CFR 60.672(b))

4. Operating Parameters

- a. The maximum allowable throughput rate for AH.001 and AH.005, each, shall not exceed 1,800 tons of material in any 24-hour period. (DBOH 030.217)

5. Monitoring, Recordkeeping, and Reporting

- a. The owner or operator, upon issuance of this permit, shall maintain in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate. (DBOH 030.230)

- (1) Monitor and record the amount of material processed, in tons, for AH.001 through AH.005, each, on a daily basis.
- (2) Monitor and record the hours of operation for AH.001 through AH.005, each, a daily basis.
- (3) Monitor and record the amount of material processed, in tons, for AH.001 through AH.005, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling total throughput of material shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.
- (4) Monitor and record the hours of operation for AH.001 through AH.005, each, on a twelve (12) month rolling total basis. The twelve (12) month rolling hours of operation shall be determined as the sum of the monthly throughput of material for the preceding twelve (12) months.

6. Testing

- a. The owner or operator shall demonstrate compliance with the opacity limits of condition 3.c of this section using Method 9 upon initial construction and any time the circuit is modified or reconstructed. (40 CFR 60.675)

IV. Permit Authorization

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Date _____ Brandon Koyama
Environmental Engineer II
Air Quality Management Division
Northern Nevada Public Health

Date _____ Genine Rosa
Senior Air Quality Specialist
Air Quality Management Division
Northern Nevada Public Health