



**AIR QUALITY CONSTRUCTION PERMIT #0752-M5
FACILITY CDS #NM/001/00005
Facility ID: FA0008594; Record ID: PR0013222**



Timothy M. Keller, Mayor

Paul J. Rogers., Director

Owner	Operator	Applicant/Permittee:
American Gypsum Company, LLC 4600 Paseo Del Norte Albuquerque, NM 87113	Carey Slater, Plant Manager Email: Carey.Slater@americangypsum.com	American Gypsum Company, LLC 4600 Paseo Del Norte Albuquerque, NM 87113

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Pursuant to the New Mexico Air Quality Control Act, NMSA 1978, Section 74-2-1 to 22 (as amended); Joint Air Quality Control Board Ordinance, Revised Ordinances of Albuquerque 1994, Sections 9-5-1 to 9-5-99; Bernalillo County Code, Article II, Sections 30-31 to 75; Albuquerque-Bernalillo County Air Quality Control Board (Board) Regulation, Air Contaminant Source Registration, 20.11.40 NMAC,; and Board Regulation, Construction Permits, 20.11.41 NMAC, the Albuquerque-Bernalillo County Joint Air Quality Program (Program), which administers and enforces local air quality laws for the City of Albuquerque (City) and Bernalillo County (County) on behalf of the City Environmental Health Department (Department), hereby issues to **AMERICAN GYPSUM COMPANY LLC** (Permittee) this **CONSTRUCTION PERMIT #0752-M5** (Permit) and authorizes the Permittee to commence construction of and operate the following stationary source (Facility) within the Permit Site Boundary identified in Permit Section III. Appendix, below (Property):

Facility Name and Location	Facility Process Description	SIC	NAICS
American Gypsum Company 4600 Paseo Del Norte NE Albuquerque, New Mexico 87113 UTM 354737E, 3893360N	Gypsum Wallboard Manufacturing Plant	3275	327420

The Program issued this Permit “based on the information contained in the [D]epartment’s administrative record of the permit application,” 20.11.41.16.(C) NMAC received by the Program on September 3, 2024, and in accordance with the National Ambient Air Quality Standards, New Mexico Ambient Air Quality Standards (NAAQS), New Mexico Ambient Air Quality Standards (NMAAQs), and applicable law. As these standards and regulations are updated or amended, the applicable changes will be incorporated into permit number #0752-M5 and will apply to the Facility. This permit supersedes all portions of Permit number #0752-M4 issued on November 17, 2023.

Issued on the _____ day of _____, 2025

Michael McKinstry, Environmental Health Permitting Manager
Air Quality Program
Environmental Health Department
City of Albuquerque

Table of Contents

I. CONDITIONS.....	4
1. Construction and Operation.....	4
2. Unit Emission Limits.....	155
3. Monitoring.....	233
4. Recordkeeping.....	255
5. Reporting.....	27
6. Compliance Tests.....	288
7. Modifications.....	32
8. Administrative and Technical Revisions.....	33
9. Compliance Assurance/ Enforcement.....	33
10. Posting of the Permit.....	34
11. Annual Fees.....	34
II. ADDITIONAL REQUIREMENTS.....	35
1. Permit Cancellation.....	35
2. Notices.....	35
3. Contact Information.....	35
III. APPENDIX.....	346

Definition of Abbreviations and Acronyms

<u>Abbreviation/Acronym</u>	<u>Definition</u>
A/BCAQCB --	The Albuquerque/Bernalillo County Air Quality Control Board
Acfm --	Actual cubic feet per minute
Administrator --	The Administrator of the United States Environmental Protection Agency
CAA --	The Federal Clean Air Act
CO --	Carbon Monoxide
EPA --	United States Environmental Protection Agency
EU --	Emission Unit
HAP --	Hazardous Air Pollutant
hp --	Horsepower
kW --	Kilowatt
lb/hr --	Pound per Hour
mg --	Milligram
MMBtu --	Million British Thermal Units
NAAQS --	National Ambient Air Quality Standards
NAICS --	North American Industrial Classification System
NG	Natural Gas
NESHAP --	National Emission Standards for Hazardous Air Pollutants
NMAAQs- -	New Mexico Ambient Air Quality Standards
NMAC --	New Mexico Administrative Code
NO _x --	Oxides of Nitrogen
PM ₁₀ --	Particulate Matter, 10 microns or less
PM _{2.5} --	Particulate Matter, 2.5 microns or less
ppm --	Parts per million
PTE --	Potential to emit
SIC --	Standard Industrial Classification
SO ₂ --	Sulfur Dioxide
tph --	Tons per hour
tpy --	Tons per year
μg/m ³ --	Micrograms per cubic meter

I. CONDITIONS

Conditions have been imposed in this permit to assure continued compliance. 20.11.41.19.(D) NMAC, states that any term or condition imposed by the Department on a permit or permit modification is enforceable to the same extent as a regulation of the Board. Pursuant to 20.11.41 NMAC, the Facility is subject to the following conditions:

1. Construction and Operation

Compliance will be based on Department inspections of the Facility, reviews of production records, submission of appropriate permit applications for modification, and timely notification to the Department regarding equipment substitutions and relocations.

A. This permit 0752-M5 authorizes the Permittee to commence construction of:

- 1) An emission increase from the previous permit (0752-M4) of Carbon Monoxide (CO) based on manufacture’s data for unit DC-11, the proposed vertical roller mill’s hot gas generator (burner) is proposed to replace the current burner system in DC-11. The increase in CO emissions will not violate the National Ambient Air Quality Standards (NAAQS) or NMAAQs according to the Facility’s Air Quality Dispersion Modeling (AQDM). A modeling waiver for CO was issued by the Department on August 9, 2024.
- 2) The Program granted the modeling waiver based on the Significant Impact Levels (1-hr and 8-hr SILs) for CO. Using the most current AERMOD program for AQDM and based on the last modeling for 0752-M4, memo issued September 8, 2023, the increase in CO emissions remain below the SILs and therefore, are in compliance with the NAAQS and NMAAQs:

Modeling Document	Pollutant/Averaging Period	Significant Impact Level (µg/m³)	Modeled Impact (µg/m³)	Percent of SIL	Modeled Emission Rate (lb/hr)	Proposed Emission Rate (lb/hr)	Scaled Impact (µg/m³)	Scaled Impact (% of SIL)
0752-M4 AQP Modeling	1-hr CO	2000	81.8	4.09%	2.12	16.2	624.95	31.25 %
	8-hr CO	500	58.3	11.66%			445.41	89.08 %

B. This permit authorizes the construction and operation of the following equipment:

Table 1a: Permitted Process Equipment (Scenario #1 and #2 – Both New Equipment and To-be Decommissioned Equipment)

Process Units Number	Process Units Description	Manufacturer	Model Number	Serial Number	Manufacture Date	Installation Date	Rated Process Rate
1 1a: Combustion Stack 1b: Baghouse Stack	Kettle #1	North American	Unknown	Unknown	6/98	< 2000	19 MMBtu/hr 18 tph
2 2a: Combustion Stack	Kettle #2	North American	Unknown	Unknown	10/96	< 2000	13 MMBtu/hr 11 tph

Process Units Number	Process Units Description	Manufacturer	Model Number	Serial Number	Manufacture Date	Installation Date	Rated Process Rate
2b: Baghouse Stack							
3 3a: Combustion Stack 3b: Baghouse Stack	Kettle #3	North American	Unknown	Unknown	Unknown	< 2000	13 MMBtu/hr 18 tph
4 4a: Combustion Stack 4b: Baghouse Stack	Kettle #4	North American	Unknown	Unknown	3/98	< 2000	19 MMBtu/hr 18 tph
6	Raymond Mill #1	Raymond	Unknown	60501	1960	< 2000	5 MMBtu/hr 25.5 tph
7	Raymond Mill #2	Raymond	Unknown	72008	1972	< 2000	5 MMBtu/hr 25.5 tph
101	Raymond Mill #3	Raymond	Unknown	Unknown	Unknown	< 2000	6 MMBtu/hr 30 tph
8	Miscellaneous Mill Equipment	FMC	MF20C	773313	12/97	< 2000	110 tph
9	Rock Feeder and Hammer Mill Crusher	Williams	N/A	19655	Unknown	< 2000	110 tph
10	Bucket Elevator and Two (2) Rock Tanks	Unknown	Unknown	Unknown	Unknown	< 2000	110 tph
11	Stucco Silos and Equipment	Unknown	Unknown	Unknown	Unknown	< 2000	65 tph
12a	Dump Truck to Stockpile	N/A	N/A	N/A	N/A	N/A	200 tph 919,800 tpy
	Front-End Loader						
	Front-End Loader Traffic						
	Haul Truck Traffic						
12b	Stockpile Loader (Front-End Loader to Trucks)	N/A	N/A	N/A	N/A	N/A	200 tph 963,600 tpy
13	Material Drop	N/A	N/A	N/A	N/A	N/A	60 tph
14	Ball Mill Crushers (6 total)	John Broeders Machine Co LTD	BM-010	Varies	1997	< 2000	3 tph (0.5 tph each)
15	Dryer	AKI, Inc.	Unknown	Unknown	9/98	< 2000	100.3 MMBtu/hr
16	Dryer Wet End Seal	AKI, Inc.	Unknown	Unknown	9/98	< 2000	100.3 MM Btu/hr
17	Final Trim Saw	Gypsum Technologies	Unknown	Unknown	9/98	< 2000	81 tph
18	Reclaimed Wallboard Recycling System	Unknown	N/A	N/A	> 2000	> 2000	15 tph

Process Units Number	Process Units Description	Manufacturer	Model Number	Serial Number	Manufacture Date	Installation Date	Rated Process Rate
DC-01 (DC-101)*	Material Unloading (Material Handling)	IAC	120TB-BHT-100:S6	3120488	11/2021	12/2023	6,500 acfm
DC-02 (DC-102)*	Mill Feed (Material Handling)	IAC	120TB-BHT-100:S6	3120489	11/2021	12/2023	6,000 acfm
DC-03 (DC-103)*	Rock Storage (Material Handling)	IAC	120TB-BVT-64:S6	3030546	11/2021	12/2023	4,000 acfm
DC-11 (DC-201)*	Mill and Hot Gas Generator (Vertical Mill)	Redecam	2 SDPZ 60x 10/7.5 W	C121011	6/2022	12/2023	50,000 acfm 51.2 MMBtu/hr
DC-11a	Stucco Silos and Equipment	Sta-Clean	56-833-ADS	16008	Unknown	12/2023	5,225 acfm
DC-12 (DC-305)*	Conditioning (Stucco)	IAC	120TB-BHT-100:S6	3120490	11/2021	12/2023	6,200 acfm
DC-13 (DC-302)*	Start-up Bin (Material Handling)	IAC	120TB-BVT-36:S6	3030547	11/2021	12/2023	2,000 acfm
FUG-01	Dump to Hopper	CCC Group	N/A	N/A	3/2023	12/2023	110 tph
HAUL-1	Unpaved Haul Roads	N/A	N/A	N/A	N/A	N/A	120 trucks entering the facility per day
HAUL-2	Paved Haul Roads	N/A	N/A	N/A	N/A	N/A	
HAUL-3	Truck Staging Area	N/A	N/A	N/A	N/A	N/A	

*The unit numbering in parentheses is updated unit numbering provided by the manufacturer specific to the new mill construction. It is included in the air permit for informational purposes only as this unit numbering may be included on the equipment nameplate in addition to what is noted in the air permit.

Table 1b: Permitted Process Equipment (Scenario #2 – Permanent Equipment)

Process Units Number	Process Units Description	Manufacturer	Model Number	Serial Number	Manufacture Date	Installation Date	Rated Process Rate
8	Miscellaneous Mill Equipment	FMC	MF20C	773313	12/97	< 2000	110 tph
12a	Dump Truck to Stockpile	N/A	N/A	N/A	N/A	N/A	200 tph 919,800 tpy
	Front-End Loader						
	Front-End Loader Traffic						
	Haul Truck Traffic						
14	Ball Mill Crushers (6 total)	John Broeders Machine Co LTD	BM-010	Varies	1997	< 2000	3 tph (0.5 tph each)

Process Units Number	Process Units Description	Manufacturer	Model Number	Serial Number	Manufacture Date	Installation Date	Rated Process Rate
15	Dryer	AKI, Inc.	Unknown	Unknown	9/98	< 2000	100.3 MMBtu/hr
16	Dryer Wet End Seal	AKI, Inc.	Unknown	Unknown	9/98	< 2000	100.3 MMBtu/hr
17	Final Trim Saw	Gypsum Technologies	Unknown	Unknown	9/98	< 2000	81 tph
18	Reclaimed Wallboard Recycling System	Unknown	N/A	N/A	> 2000	> 2000	15 tph
DC-01 (DC-101)*	Material Unloading (Material Handling)	IAC	120TB-BHT-100:S6	3120488	11/2021	12/2023	6,500 acfm
DC-02 (DC-102)*	Mill Feed (Material Handling)	IAC	120TB-BHT-100:S6	3120489	11/2021	12/2023	6,000 acfm
DC-03 (DC-103)*	Rock Storage (Material Handling)	IAC	120TB-BVT-64:S6	3030546	11/2021	12/2023	4,000 acfm
DC-11 (DC-201)*	Mill and Hot Gas Generator (Vertical Mill)	Redecam	2 SDPZ 60x 10/7.5 W	C121011	6/2022	12/2023	50,000 acfm 51.2 MMBtu/hr
DC-11a	Stucco Silos and Equipment	Sta-Clean	56-833-ADS	16008	Unknown	12/2023	5,225 acfm
DC-12 (DC-305)*	Conditioning (Stucco)	IAC	120TB-BHT-100:S6	3120490	11/2021	12/2023	6,200 acfm
DC-13 (DC-302)*	Start-up Bin (Material Handling)	IAC	120TB-BVT-36:S6	3030547	11/2021	12/2023	2,000 acfm
FUG-01	Dump to Hopper	CCC Group	N/A	N/A	3/2023	12/2023	110 tph 963,600 tpy
HAUL-1	Unpaved Haul Roads	N/A	N/A	N/A	N/A	N/A	120 trucks entering the facility per day
HAUL-2	Paved Haul Roads	N/A	N/A	N/A	N/A	N/A	
HAUL-3	Unpaved Vehicle Traffic Associated with Truck Staging	N/A	N/A	N/A	N/A	N/A	

*The unit numbering in parentheses is updated unit numbering provided by the manufacturer specific to the new mill construction. It is included in the air permit for informational purposes only as this unit numbering may be included on the equipment nameplate in addition to what is noted in the air permit.

Table 1c: Air Pollution Control Equipment

Control Equipment	Unit Number Controlled by Control Equipment	Manufacturer	Model Number	Serial Number	Rated Flow	Control Efficiency
Baghouse	1b	CP Environmental	120 TNFD 196 C	4976	12,000 ACFM	99.7%
Baghouse	2b	CP Environmental	120 TNFD 081 C	4977	6,000 ACFM	99.7%
Baghouse	3b	CP Environmental	120 TNFD 081 C	4977	6,000 ACFM	99.7%
Baghouse	4b	CP Environmental	120 TNFD 196 C	4976	12,000 ACFM	99.7%
Pulsejet Baghouse (Polyester Bags)	6	CP Environmental	84 TNFW 147C	4267	8,000 ACFM	99%
Pulsejet Baghouse (Polyester Bags)	7	CP Environmental	84 TNFW 147C	4267	8,000 ACFM	99%
Pulsejet Baghouse (Polyester Bags)	101	CP Environmental	120 TNFD 196 C	4969	12,500 ACFM	99%
Pulsejet Baghouse (Polyester Bags)	8	CP Environmental	84 NF 100C	4394	5,000 ACFM	98%
Pulsejet Baghouse (36 Polyester Bags)	9	Sta-Clean	36-833-ADS	16005	2,300 ACFM	99.5%
Pulsejet Baghouse (36 Polyester Bags)	10	Sta-Clean	36-833-BDS	16006	2,300 ACFM	98%
Pulsejet Baghouse (56 Polyester Bags)	11	Sta-Clean	56-833-ADS	16008	3,600 ACFM	98%
Pulsejet Baghouse (25 Polyester Bags)	14	IAC	100-BVT-A2 25	Unknown	3,000 ACFM	98%
Pulsejet Baghouse (80 Polyester Bags)	17	IAC	120TB-BHT-100:S6	Unknown	5,000 ACFM	0.02 gr/ft ³
Reclaimed Wallboard Recycling System	18	IAC	120TB-BHT-200:S6	Unknown	14,000 ACFM	0.009gr/ft ³
Unloading Baghouse (Material Unloading)	DC-01 (DC-101)*	IAC	120TB-BHT-100:S6	3120488	6,500 ACFM	0.005gr/ft ³
Mill Feed Baghouse	DC-02 (DC-102)*	IAC	120TB-BHT-100:S6	3120489	6,000 ACFM	0.005gr/ft ³

Control Equipment	Unit Number Controlled by Control Equipment	Manufacturer	Model Number	Serial Number	Rated Flow	Control Efficiency
Rock Storage Baghouse	DC-03 (DC-103)*	IAC	120TB-BVT-64:S6	3030546	4,000 ACFM	0.005gr/ft ³
Calcliner (Hot Gas Generator) Baghouse	DC-11 (DC-201)*	Redecam	2 SDPZ 60x10/7.5W	C121011	50,000 ACFM	0.005gr/ft ³
Stucco Silos and Equipment Baghouse	DC-11a	Sta-Clean	56-833-ADS	16008	5,225 ACFM	0.005gr/ft ³
Conditioning Baghouse	DC-12 (DC-305)*	IAC	120TB-BHT-100:S6	3120490	6,200 ACFM	0.005gr/ft ³
Start-up Baghouse	DC-13 (DC-302)*	IAC	120TB-BVT-36:S6	3030547	2,000 ACFM	0.005gr/ft ³

Table 1d: Process Equipment Federal Applicability

Process Units Number	Process Units Description	Unit Subject To NSPS
1b	Kettle #1	Yes, Unit 3b Subpart UUU
2b	Kettle #2	Yes, Unit 3b Subpart UUU
3b	Kettle #3	Yes, Unit 3b Subpart UUU
4b	Kettle #4	Yes, Unit 3b Subpart UUU
6	Raymond Mill #1	Yes Subpart OOO
7	Raymond Mill #2	Yes Subpart OOO
101	Raymond Mill #3	Yes Subpart OOO
8	Miscellaneous Mill Equipment	Yes Subpart OOO
9	Rock Feeder and Hammer Mill Crusher	Yes Subpart OOO
10	Bucket Elevator and Two (2) Rock Tanks	Yes Subpart OOO
11	Stucco Silos and Equipment	Yes Subpart OOO
13	Material Drop	Yes Subpart OOO
14	Ball Mill Crushers (6 total)	Yes Subpart OOO
18	Reclaimed Wallboard Recycling System	Yes

Process Units Number	Process Units Description	Unit Subject To NSPS
		Subpart OOO
DC-11 (DC-201)*	Vertical Mill (Mill Baghouse and Hot Gas Generator / Calciner)	Yes Subpart OOO
DC-01 (DC-101)*	Material Unloading (Material Handling)	Yes Subpart OOO
DC-02 (DC-102)*	Mill Feed (Material Handling)	Yes Subpart OOO
DC-03 (DC-103)*	Rock Storage (Material Handling)	Yes Subpart OOO
DC-11 (DC-201)*	Vertical Mill (Mill Baghouse and Hot Gas Generator / Calciner)	Yes Subpart OOO
DC-11a	Stucco Silos and Equipment	Yes Subpart OOO
DC-12 (DC-305)*	Conditioning (Stucco)	Yes Subpart OOO
DC-13 (DC-302)*	Start-up Bin (Material Handling)	Yes Subpart OOO

- C. All equipment shall be maintained as per manufacturer specifications to ensure the emissions remain at or below the permitted levels.
- D. This Facility shall be constructed and operated in accordance with the permit modification application dated February 2023 and received on February 17, 2023 and additional information received on June 23, 2023 in accordance with the legal authority specified above and the conditions of this Permit. See Permit, Section II(3), Notice Regarding Accuracy of Information and Data Submitted, below. In the event of a conflict, applicable law and then the terms of this Permit shall control.
- E. Replacement of emission units for which an allowable emissions limit has been established in the permit may be requested by the permittee through a technical permit revision in accordance with 20.11.41.28.(B).
- F. The following operational restrictions apply to the facility:
- 1) For To-be Decommissioned Equipment:
 - a) The facility is authorized to operate continuously, 24 hours per day and 7 days per week with utilization of both the old and new equipment until the new equipment is brought online 100%;
 - b) Equipment Units #1, 3, and 4 (Kettles) each shall not exceed a process rate of 18 tons per hour;
 - c) Equipment Unit #2 (Kettle) shall not exceed a process rate of 11 tons per hour;

- d) Rock milling (Equipment Units #6, 7, and 101 (Raymond Mills)) process rate collectively shall not exceed 81 tons per hour;
 - e) Rock receiving and crushing capacity (Equipment Units #9 and #10) each shall not exceed a process rate of 110 tons per hour;
- 2) For Permanent Equipment:
- a) The facility is authorized to operate continuously, 24 hours per day and 7 days per week.
 - b) Equipment Unit #8 shall not exceed a process rate of 110 tons per hour;
 - c) Equipment Unit #12a (Truck Dump to Stockpile) shall not exceed a process rate of 200 tph and 919,800 tons per year based on a 12-month rolling average.
 - d) Equipment Unit #12b (Front-End Loader to Truck) shall not exceed a process rate of 200 tph and 963,600 tons per year based on a 12-month rolling average.
 - e) Equipment Unit #14 (6 ball mill crushers) process rate shall not exceed 3 tph collectively;
 - f) Equipment Unit #17 (final trim saw) process rate shall not exceed 81 tons per hour;
 - g) Equipment Unit #18 (reclaimed wallboard recycling system) process rate shall not exceed 15 tons per hour;
 - h) Equipment Unit #DC-01 (Material Unloading) process rate shall not exceed 110 tons per hour or 963,600 tons per year based on a 12-month rolling total.
 - i) Equipment Unit #DC-11 process rate shall not exceed 51.2 MMBtu/hr.
 - j) The stockpile of raw gypsum must remain at least 300 feet from the fence.
 - k) A “No Trespassing” sign must be installed at the railcar gap in fence line as well as the plant entrance.
 - l) Equipment Unit #13 shall not exceed a process rate of 60 tons per hour.
 - m) Equipment Unit #FUG-01 shall not exceed a process rate of 110 tons per hour.
 - n) HAUL-2 roads must be paved. HAUL-1 and HAUL-3 roads may be composed of asphalt millings (base course) alternatively to pavement.
 - o) HAUL-1, HAUL-2 and HAUL-3 roads total truck traffic shall be limited to 120 trucks entering the facility per day.

- p) Fencing or barrier restricting access to the American Gypsum property shall be extended outward identical to the depiction cited in the application and provide in Figure 1 of the Appendix by closing gaps in fence line, extending the fence line to enclose the truck staging area in the Northwest corner of the property, and extending the fence line enclosing the property in the Southern and Southwest border of the of the property. Upon completion the fencing shall be maintained at all times.
 - q) The unloading baghouse, Emission Unit #DC-01, shall have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 61 feet per second.
 - r) The mill feed baghouse, Emission Unit #DC-02, shall have a height of at least 19 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 56 feet per second.
 - s) The rock storage baghouse, Emission Unit #DC-03, shall have a height of at least 74 feet, an exit diameter no larger than 1.17 feet, an unimpeded vertical exhaust, and an exit velocity of at least 62 feet per second.
 - t) The stucco silos and equipment baghouse, Emission Unit #DC-11a, shall have a height of at least 82 feet, an exit diameter no larger than 1.25 feet, an unimpeded vertical exhaust, and an exit velocity of at least 71 feet per second.
 - u) The vertical mill / hot gas generator baghouse, Emission Unit #DC-11, shall have a height of at least 100 feet, an exit diameter no larger than 4.0 feet, an unimpeded vertical exhaust, and an exit velocity of at least 66 feet per second.
 - v) The conditioning system baghouse, Emission Unit #DC-12, shall have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 58 feet per second.
 - w) The start-up baghouse, Emission Unit #DC-13, shall have a height of at least 40 feet, an exit diameter no greater than 1 foot, an unimpeded vertical exhaust, and an exit velocity of at least 42 feet per second.
- 3) For Temporary equipment, this permit authorizes:
- a) The temporary use of one (1) Razertail hopper and conveyor to get raw material to the existing rock pit during the construction of the new vertical mill.
 - b) The temporary relocation of Unit #FUG-01 which shall be located on the facility property identical to the depiction cited in the application and provided in Figures 2 and 3 of the Appendix. Unit #FUG-01 represents the point where the trucks will belly dump directly onto the Razertail.

- c) Enclosures and ducting will be added to the (1) Razertail to conveyor and (2) conveyor to pit and ducted to Unit #9. Unit #9 will go from a capture process rate of 110 tph to 230 tph to include the two additional emissions points from the Razertail.
 - d) The increase in the control efficiency for Unit #9 from 98% to 99.5% while operating the Razertail.
 - e) Reduction of the Particulate Matter (PM₁₀) and Particulate Matter (PM_{2.5}) pound per hour (lb/hr) and ton per year tpy emission rates for Unit #9.
 - f) No emissions from units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12 and DC-13 during temporary construction and operation of the Razertail.
- G.** The automated water spray system for the gypsum stockpile shall continue to be operated in order to minimize the fugitive emissions and ensure control for 12a (Haul Truck Traffic) and 12a (Front-End Loader Traffic) and the control for 12a (Front-End Loader Dump to Truck).
- H.** Unless otherwise approved in writing by the Department, the Baghouse Control Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 shall be installed, calibrated, operated, serviced and maintained per the manufacturer's procedures, recommendations, and schedules. Any relaxation of the frequency of the maintenance schedule shall be a violation of the permit, unless pre-approved in writing by the Department.
- I.** Permittee shall install, calibrate, operate and maintain Magnehelic gauges or electronic micro-manometers on baghouses associated with Emission Units #1b, 2b, 3b, 4b, 6, 7, 8, 9, 10, 11, 14, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 while the emission units and control devices are operational in order to comply with Condition I.3.M.
- J.** The differential pressure sensor calibration shall be checked within 12 months of the previous calibration and verification/adjustments shall be performed by an instrument technician for Equipment Units #1b, 2b, 3b, 4b, 6, 7, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13.
- K.** Equipment Units #1b, 2b, 3b, and 4b are subject to Federal New Source Performance Standards (NSPS) 40 CFR 60 Subpart A - General Provisions, and Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries. The permittee shall comply with both the notification requirements of Subpart A and shall comply with the applicable requirements found in 40 CFR 60, Subpart UUU.
- L.** Equipment Units #6, 7, 8, 9, 101, 10, 11, 13, 14, 18, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 are subject to Federal New Source Performance Standards (NSPS) 40 CFR 60 Subpart A - General Provisions, and Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. The permittee shall comply with both the notification requirements of Subpart A and shall comply with the applicable requirements found in 40 CFR 60, Subpart OOO.
- M.** In accordance with 20.11.20.12(A) NMAC, the Permittee shall not allow fugitive dust, track out, or transported material from any active operation, open storage pile, stockpile, paved or unpaved roadway

disturbed surface area, or inactive disturbed surface area to cross or be carried beyond the property line, right-of-way, easement or any other area under control of the person generating or allowing the fugitive dust if the fugitive dust may:

- 1) with reasonable probability injure human health or animal or plant life;
 - 2) unreasonably interfere with the public welfare, visibility, or the reasonable use of property, or be visible for a total of 15 minutes or more during any consecutive one-hour observation period using the visible fugitive dust detection method in 20.11.20.26 NMAC or an equivalent method approved in writing by the department.
- N.** In accordance with application's area source modeling parameters, stockpiles shall be no higher than 20 feet above the existing natural or man-made grade that abuts the stockpile, unless otherwise approved in advance and in writing by the Department.
- O.** All inactive disturbed surface areas must be stabilized and maintained in stable condition by the Permittee to mitigate fugitive dust. Failure to comply with this condition shall be a violation of 20.11.20 NMAC.
- P.** The permittee shall do the following available control measures in accordance with 20.11.20.23 NMAC:
- 1) Unpaved roadways:
 - a) paving using recycled asphalt, routinely-maintained asphalt millings, asphaltic concrete, concrete, or petroleum products legal for such use; and
 - b) using wet suppression.
- Q.** The above conditions have been placed in the permit based on air dispersion modeling of the Facility at this location to demonstrate compliance with the National Ambient Air Quality Standards and New Mexico Ambient Air Quality Standards for NO₂, CO, SO₂, PM_{2.5} and PM₁₀;
- R.** Deviations from this Permit that are a "physical change in, or change in the method of operation of a source that results in an increase in the potential emission rate of any regulated air contaminant emitted by the source or that results in the emission of any regulated air contaminant not previously emitted: unless otherwise excepted, 20.11.41.7(U) NMAC, shall not be made except in accordance with Permit Condition 7.
- S.** Pursuant to 20.11.49.14 NMAC, the emission of a regulated air pollutant in excess of the quantity, rate, opacity, or concentration specified in an air quality regulation or permit condition that results in an excess emission is a violation of the air quality regulation or permit condition and may be subject to an enforcement action. The owner or operator of a source having an excess emission shall, to the extent practicable, operate the source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.

T. Failing to comply with the above conditions shall be a violation of this Permit. See 20.11.41.19(D) NMAC.

2. Unit Emission Limits

Condition 2 has been placed in the permit in accordance with 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, and 20.11.41.19.B(4) NMAC, to assist the Department with determining compliance with the terms and conditions of this Permit. These were the process and emission rates stated in the permit application and are the basis of the Department’s review. Compliance will be based on Department inspections of the Facility and upon compliance with the emission limits and opacity readings conducted in accordance with the test methods specified in Condition 6 – Compliance Tests.

A. The Gypsum Wallboard Manufacturing Plant shall not exceed the following process rates, flow rate, or trucks per day in the table below. The hourly and annual emissions were calculated based on this information:

Table 2a: Process Units Operational Limitations (Scenario 1 – Both Permanent Equipment and To-be Decommissioned Equipment)

Unit #	Emission Unit Description	Control Method and Efficiency (%)	Permitted Process Rate
1 1a: Combustion Stack 1b: Baghouse Stack	Kettle #1	Baghouse 99.7%	19 million Btu/hr 18 tph
2 2a: Combustion Stack 2b: Baghouse Stack	Kettle #2	Baghouse 99.7%	13 million Btu/hr 11 tph
3 3a: Combustion Stack 3b: Baghouse Stack	Kettle #3	Baghouse 99.7%	13 million Btu/hr 18 tph
4 4a: Combustion Stack 4b: Baghouse Stack	Kettle #4	Baghouse 99.7%	19 million Btu/hr 18 tph
6	Raymond Mill #1	Pulsejet Baghouse 99%	5 million Btu/hr 25.5 tph
7	Raymond Mill #2	Pulsejet Baghouse 99%	5 million Btu/hr 25.5 tph
101	Raymond Mill #3	Pulsejet Baghouse 99%	6 million Btu/hr 30 tph
8	Miscellaneous Mill Equipment	Pulsejet Baghouse 98%	110 tph
9	Rock Feeder and Hammer Mill Crusher	Pulsejet Baghouse 99.5%	110 tph
10	Bucket Elevator and Two (2) Rock Tanks	Pulsejet Baghouse 98%	110 tph
11	Stucco Silos and Equipment	Pulsejet Baghouse 98%	65 tph
12a Stockpile	Dump Truck to Stockpile	N/A	200 tph
	Front-End Loader	Wet Material	919,800 tpy

Unit #	Emission Unit Description	Control Method and Efficiency (%)	Permitted Process Rate
	Front-End Loader Traffic	Water Suppression	
	Haul Truck Traffic	Water Suppression	
12b	Stockpile Loader	N/A	200 tph 963,600 tpy
13	Material Drop	Enclosed and Underground 50%	60 tph
14	Ball Mill Crushers (6 total)	Pulsejet Baghouse 98%	3 tph total (0.5 tph each)
15	Dryer	N/A	100.3 million Btu/hr
16	Dryer Wet End Seal	N/A	100.3 million Btu/hr
17	Final Trim Saw	Pulsejet Baghouse 0.02 gr/ft ³	81 tph
18	Reclaimed Wallboard Recycling System	Pulsejet Baghouse 0.009 gr/ft ³	15 tph
DC-01	Material Unloading	Pulsejet Baghouse 0.005 gr/ft ³	6,500 acfm
DC-02	Mill Feed	Pulsejet Baghouse 0.005 gr/ft ³	6,000 acfm
DC-03	Rock Storage	Pulsejet Baghouse 0.005 gr/ft ³	4,000 acfm
DC-11a	Stucco Silos and Equipment	Pulsejet Baghouse 0.005 gr/ft ³	5,225 acfm
DC-11	Mill and Hot Gas Generator	Pulsejet Baghouse 0.005 gr/ft ³	50,000 acfm 51.2 MMBtu/hr
DC-12	Conditioning (Stucco)	Pulsejet Baghouse 0.005 gr/ft ³	6,200 acfm
DC-13	Start-up Bin	Pulsejet Baghouse 0.005 gr/ft ³	2,000 acfm
FUG-01	Dump to Hopper	N/A	110 tph
HAUL-1	Unpaved Haul Roads	Base Course (Asphalt Millings) 60%	120 trucks entering facility per day
HAUL-2	Paved Haul Roads	N/A	
HAUL-3	Truck Staging Area	Base Course (Asphalt Millings) 60%	

Table 2b: Process Units Operational Limitations (Scenario 2 - Permanent Equipment)

Unit #	Emission Unit Description	Control Method and Efficiency (%)	Permitted Process Rate
8	Miscellaneous Mill Equipment	Pulsejet Baghouse 98%	110 tph
12a Stockpile	Dump Truck to Stockpile	N/A	200 tph 919,800 tpy
	Front-End Loader	Wet Material	
	Front-End Loader Traffic	Water Suppression	
	Haul Track Traffic	Water Suppression	
14	Ball Mill Crushers 6 total	Pulsejet Baghouse 98%	3 tph total (0.5 tph each)

Unit #	Emission Unit Description	Control Method and Efficiency (%)	Permitted Process Rate
15	Dryer	N/A	100.3 million Btu/hr
16	Dryer Wet End Seal	N/A	100.3 million Btu/hr
17	Final Trim Saw	Pulsejet Baghouse 0.02 gr/ft ³	81 tph
18	Reclaimed Wallboard Recycling System	Pulsejet Baghouse 0.009 gr/ft ³	15 tph
DC-01	Material Unloading	Pulsejet Baghouse 0.005 gr/ft ³	6,500 acfm
DC-02	Mill Feed	Pulsejet Baghouse 0.005 gr/ft ³	6,000 acfm
DC-03	Rock Storage	Pulsejet Baghouse 0.005 gr/ft ³	4,000 acfm
DC-11a	Stucco Silos and Equipment	Pulsejet Baghouse 0.005 gr/ft ³	5,225 acfm
DC-11	Mill and Hot Gas Generator	Pulsejet Baghouse 0.005 gr/ft ³	50,000 acfm 51.2 MMBtu/hr
DC-12	Conditioning (Stucco)	Pulsejet Baghouse 0.005 gr/ft ³	6,200 acfm
DC-13	Start-up Bin	Pulsejet Baghouse 0.005 gr/ft ³	2,000 acfm
FUG-01	Dump to Hopper	N/A	110 tph
HAUL-1	Unpaved Haul Roads	Base Course (Asphalt Millings) 60%	120 trucks entering the facility per day
HAUL-2	Paved Haul Roads	N/A	
HAUL-3	Truck Staging Area	Base Course (Asphalt Millings) 60%	

B. The Gypsum Wallboard Manufacturing Plant shall not exceed the emission limits stated in the tables below. In Table 2c, the equipment in scenario 1 “to-be decommissioned” may temporarily operate simultaneously with the equipment in Table 2d while preparing, testing, etc. for the “permanent equipment.” Emission summaries and emission fees will include both equipment until a technical revision is obtained verifying the to-be decommissioned equipment is removed or permanently decommissioned.

Table 2c: Emission Limits (To-be Decommissioned Equipment)

Unit No.	NO _x lb/hr	NO _x tpy	CO lb/hr	CO tpy	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
1a Kettle #1	2.85	9.98	0.28	0.98	0.10	0.36	0.028	0.098	0.14	0.50	0.14	0.50
1b Kettle #1 Baghouse									1.40	6.15	0.44	1.94
2a Kettle #2	1.90	6.65	0.20	0.70	0.070	0.25	0.019	0.067	0.097	0.34	0.097	0.34
2b Kettle #2 Baghouse									0.86	3.76	0.27	1.19

Unit No.	NOx lb/hr	NOx tpy	CO lb/hr	CO tpy	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
3a Kettle #3	1.90	6.65	0.20	0.70	0.070	0.25	0.019	0.067	0.097	0.34	0.097	0.34
3b Kettle #3 Baghouse									1.40	6.15	0.44	1.94
4a Kettle #4	2.85	9.98	0.28	0.98	0.10	0.36	0.028	0.098	0.14	0.50	0.14	0.50
4b Kettle #4 Baghouse									1.40	6.15	0.44	1.94
6 Raymond Mill #1	0.49	1.72	0.43	1.51	0.027	0.094	0.0074	0.026	0.63	2.74	0.24	1.00
7 Raymond Mill #2	0.49	1.72	0.43	1.51	0.027	0.094	0.0074	0.026	0.63	2.74	0.24	1.00
101 Raymond Mill #3	0.59	2.06	0.43	1.51	0.032	0.11	0.0088	0.031	0.75	3.23	0.28	1.18
9 Rock Feeder and Hammer Mill Crusher									0.0028	0.012	0.0018	0.008
10 Bucket Elevator and Rock Tank									0.0024	0.011	0.0020	0.0087
11 Stucco Silos and Equipment									0.090	0.38	0.030	0.13
12b Stockpile Loader									0.020	0.048	0.0030	0.0073
13 Material Drop									0.11	0.49	0.040	0.16
Total	11.07	38.76	2.25	7.89	0.43	1.52	0.12	0.41	7.77	33.55	2.90	12.19

Table 2d: Emission Limits (Permanent Equipment)

Unit No.	NOx lb/hr	NOx tpy	CO lb/hr	CO tpy	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
8 Misc. Mill Equipment									0.11	0.50	0.040	0.17
12a Stockpile	Dump Truck to Stockpile								0.48	1.67	0.051	0.18

Unit No.	NOx lb/hr	NOx tpy	CO lb/hr	CO tpy	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
Front-End Loader												
Front-End Loader Traffic												
Haul Track Traffic												
14 Ball Mill Crushers (6)									0.00014	0.00063	0.000097	0.00043
15 Dryer	9.80	43.10	8.30	36.20	0.54	2.40	0.15	0.65	0.75	3.27	0.75	3.27
16 Dryer West End Seal	0.10	0.43	0.080	0.36	0.010	0.020	0.0023	0.010	0.0075	0.033	0.0075	0.033
17 Final Trim									0.86	3.75	0.86	3.75
18 Reclaimed Wallboard Recycling System									1.08	4.73	0.16	0.72
DC-01 Unloading Baghouse									0.28	1.22	0.042	0.18
DC-02 Mill Feed Baghouse									0.26	1.13	0.039	0.17
DC-03 Rock Storage Baghouse									0.17	0.75	0.026	0.11
DC-11a Stucco Silos and Equipment									0.22	0.98	0.034	0.15
DC-11 Vertical Mill Baghouse (calciner and hot gas generator) ¹	2.46	10.76	16.2	70.96	0.29	1.28	0.032	0.14	2.44	10.71	0.63	2.74
DC-12 Conditioning Baghouse									0.27	1.16	0.040	0.18
DC-13 Start-up Baghouse									0.086	0.38	0.013	0.057
FUG-01 Dump to Hopper									0.0018	0.0077	0.00027	0.0012
HAUL-1 Unpaved Haul Roads									2.00	5.08	0.20	0.51
HAUL-2 Paved Haul Roads									0.12	0.36	0.030	0.089

¹ An Air Quality Dispersion modeling waiver was granted, August 9, 2024, by the Department for the CO emission increase, because it was demonstrated that the increase will not exceed the NAAQS or the NMAAQs. Modeling was performed at the facility for previous modifications and compliance with the NAAQS was achieved- Department's modeling report dated September 8, 2023.

Unit No.	NOx lb/hr	NOx tpy	CO lb/hr	CO tpy	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
HAUL-3 Truck Staging Area									1.46	2.58	0.15	0.26
Total	12.36	54.29	24.58	107.5	0.84	3.70	0.18	0.80	10.60	38.31	3.07	12.57

Table 2e: Emission Limits Totals (Scenario 1 and 2 - Both Permanent Equipment and To-be Decommissioned Equipment)

Scenario No.	NOx lb/hr	NOx tpy	CO lb/hr	CO tpy ²	VOC lb/hr	VOC tpy	SO ₂ lb/hr	SO ₂ tpy	PM ₁₀ lb/hr	PM ₁₀ tpy	PM _{2.5} lb/hr	PM _{2.5} tpy
1	11.07	38.76	2.25	7.89	0.43	1.52	0.12	0.41	7.77	33.55	2.90	12.19
2³	12.36	54.29	24.58	107.5	0.84	3.70	0.18	0.80	10.60	38.31	3.07	12.57
Combined Total	23.43	93.05	26.83	115.4	1.27	5.22	0.30	1.21	18.37	71.86	5.97	24.76

C. The Process Units are subject to the compliance requirements in the following tables, as described in the conditions of this permit:

Table 2f: Process Equipment Compliance Requirements (To-be Decommissioned Equipment)

Unit No.	Percent Opacity ⁴	Monitoring ⁵	Record Keeping ⁵	Reporting ⁵	Compliance Testing ⁶
1a Kettle #1	20%	Yes	Yes	Yes	Yes
1b Kettle #1 Baghouse	10%	Yes	Yes	Yes	Yes
2a Kettle #2	20%	Yes	Yes	Yes	Yes
2b Kettle #2 Baghouse	10%	Yes	Yes	Yes	Yes
3a Kettle #3	20%	Yes	Yes	Yes	Yes
3b Kettle #3 Baghouse	10%	Yes	Yes	Yes	Yes
4a Kettle #4	20%	Yes	Yes	Yes	Yes

² If the initial compliance testing (see Section 6. below) for DC-11 after burner installation demonstrates that CO emissions will be below the manufacture's rate of 16.2 lb/hr and 70.96 tpy, the Facility's total CO emissions may be shown to be less than the 20.11.42 NMAC, Title V, threshold of 100 tpy and would not need to apply for a Part 70, Title V permit pursuant to 20.11.42 NMAC. However, if the Facility's total CO emissions, after testing DC-11, exceed 100 tpy, the Permittee will be required to submit a Part 70, Title V application in accordance with 20.11.42.12 NMAC within 12 months after the source commences operation as a 20.11.42 NMAC source.

³ Total regulated emissions shall decrease after To-be decommissioned equipment is removed and verified by the submittal of a technical revision application and issuance of a technical revision.

⁴ Compliance with the opacity emission limit shall be determined in accordance with 20.11.5.12 and 15 NMAC

⁵ Refer to Conditions 3, 4 and 5 for unit specific record keeping/monitoring, and reporting requirements

⁶ Refer to Condition 6 for unit specific compliance testing requirements

Unit No.	Percent Opacity ⁴	Monitoring ⁵	Record Keeping ⁵	Reporting ⁵	Compliance Testing ⁶
4b Kettle #4 Baghouse	10%	Yes	Yes	Yes	Yes
6 Raymond Mill #1	7% (stack) 10% (fugitive)	Yes	Yes	Yes	Yes
7 Raymond Mill #2	7% (stack) 10% (fugitive)	Yes	Yes	Yes	Yes
101 Raymond Mill #3	7% (stack) 10% (fugitive)	Yes	Yes	Yes	Yes
9 Rock Feeder and Hammer Mill Crusher	7% (stack) 15% (fugitive)	Yes	Yes	Yes	No
10 Bucket Elevator and Rock Tank	7% (stack) 10% (fugitive)	Yes	Yes	Yes	No
11 Stucco Silos and Equipment	7% (stack) 10% (fugitive)	Yes	Yes	Yes	No
12b Stockpile Loader	N/A	Yes	Yes	Yes	No
13 Material Drop	7% (stack) 10% (fugitive)	Yes	Yes	Yes	No

Table 2g: Process Equipment Compliance Requirements (Permanent Equipment)

Unit No.	Percent Opacity ⁴	Monitoring ⁵	Record Keeping ⁵	Reporting ⁵	Compliance Testing ⁶
8 Misc. Mill Equipment	7% (stack) 10% (fugitive)	Yes	Yes	Yes	Yes
12a Stockpile	N/A	Yes	Yes	Yes	No
14 Ball Mill Crushers (6)	7% (stack) 15% (fugitive)	Yes	Yes	Yes	No
15 Dryer	20%	Yes	Yes	Yes	Yes
16 Dryer West End Seal	20%	Yes	Yes	Yes	No
17 Final Trim	20%	Yes	Yes	Yes	Yes
18 Reclaimed Wallboard Recycling System	7%	Yes	Yes	Yes	Yes
DC-01 Unloading Baghouse	7%	Yes	Yes	Yes	Yes
DC-02 Mill Feed Baghouse	7%	Yes	Yes	Yes	Yes
DC-03 Rock Storage Baghouse	7%	Yes	Yes	Yes	Yes
DC-11a	7%	Yes	Yes	Yes	No

Unit No.	Percent Opacity ⁴	Monitoring ⁵	Record Keeping ⁵	Reporting ⁵	Compliance Testing ⁶
Stucco Silos and Equipment					
DC-11 Vertical Mill Baghouse (calciner and hot gas generator)	7%	Yes	Yes	Yes	Yes
DC-12 Conditioning Baghouse	7%	Yes	Yes	Yes	Yes
DC-13 Start-up Baghouse	7%	Yes	Yes	Yes	Yes
FUG-01 Dump to Hopper	20%	Yes	Yes	Yes	No
HAUL-1 Unpaved Haul Roads	N/A	Yes	Yes	Yes	No
HAUL-2 Paved Haul Roads	N/A	Yes	Yes	Yes	No
HAUL-3 Truck Staging Area	N/A	Yes	Yes	Yes	No

- D.** The stack emissions from Emission Units #1a, 2a, 3a, 4a, 15, 16 and 17 shall not cause or allow visible air emissions to exceed 20 percent opacity for any six (6) minute timed average pursuant to 20.11.5.12 NMAC.
- E.** In accordance with 40 CFR 60.732(b), Emission Units #1b, 2b, 3b, and 4b shall not cause or allow visible air emissions that exceed 10% opacity.
- F.** In accordance with 40 CFR 60.672(a), stack emissions associated with Emission Units #6, 7, 101, 8, 9, 10, 11, 13, 14 and 18 and shall not exceed 7% opacity.
- G.** In accordance with 40 CFR 60.672(a), stack emissions associated with Emission DC-11a: Stucco Silo and Equipment) shall not exceed 7% opacity.
- H.** In accordance with 40 CFR 60.672(b), and because equipment was constructed after April 22, 2008, fugitive emissions associated with Emission Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 shall not exceed 7% opacity.
- I.** In accordance with 40 CFR 60.672(b), fugitive emissions associated with Emission Units #6, 7, 101, 8, 10, 11 and 13 shall not exceed 10% opacity.
- J.** In accordance with 40 CFR 60.672(b), fugitive emissions associated with Emission Units #9 and 14 shall not exceed 15% opacity.
- K.** In accordance with 40 CFR 60.672(e), and because equipment was constructed after April 22, 2008, fugitive emissions associated with Emission Unit DC-11 shall not exceed 7% opacity.
- L.** Emission Units #1b, 2b, 3b, and 4b shall not exceed 0.04 gr/dscf of particulate emissions in accordance with 40 CFR 60.732(a). Additionally, the particulate emissions shall not exceed the more stringent of

0.04 gr/dscf or the unit specific pound per hour (lb/hr) emission rate stated in Conditions I.2.B, Table 2c and Table 2d.

- M.** Emission Units #6, 7, 101, 8, 9, 10, 11, 13, 14, and 18 shall not exceed 0.022 gr/dscf of particulate emissions in accordance with 40 CFR 60.672(a). Additionally, the particulate emissions shall not exceed the more stringent of 0.022 gr/dscf or the unit specific pound per hour (lb/hr) emission rate stated in Condition I.2.B, Tables 2.c and 2.d.
- N.** Emission Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 shall not exceed 0.014 gr/dscf of particulate emissions in accordance with 40 CFR 60.672(b). Additionally, the particulate emissions shall not exceed the more stringent of 0.014 gr/dscf or the unit specific pound per hour (lb/hr) emission rate stated in Conditions I.2.B, Table I.2.d.
- O.** Emission Units #15 NO_x and CO lb/hr emission rate shall be based on a 3-hour test average.

3. Monitoring

Condition 3 has been placed in the permit in accordance with 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, and 20.11.41.19.B(4) NMAC and 20.11.41.19.C(3),(4),(5),(6) and (7) NMAC to allow the Program to determine compliance with the terms and conditions of the permit. Compliance will be based on Program inspection of equipment and logs. The permittee shall install the appropriate equipment deemed necessary by the Program for performance testing and continuous emissions monitoring.

- A.** Monitor the amount of rock receiving and crushing throughput in tons per hour for Equipment Units #9 and #10.
- B.** Monitor all ore truck deliveries utilizing the on-site scale. The monitoring of ore truck deliveries shall include the amount of material (in tons) for each ore truck delivery and time in for all ore truck deliveries made to the facility for Equipment Unit #12a (Dump Truck to Stockpile) to include the annual throughput based on a 12-month rolling total. The record shall include the total daily tons per hour based on a single 24-hour period and the 12-month rolling total of tons per year.
- C.** Monitor the monthly tons of material loaded in trucks (Unit #12b).
- D.** Monitor the amount of material in tons per hour received for Equipment Unit #DC-01.
- E.** Monitor the monthly tons of material loaded into Equipment Unit #13.
- F.** Monitor the monthly tons of material loaded into Equipment Unit FUG-01 (Dump to Hopper).
- G.** Monitor the daily number of truck traffic entering the facility for HAUL-1, HAUL-2 and HAUL-3.
- H.** Monitor if water was applied for Equipment Unit #12a (Haul Truck Traffic), Equipment Unit #12a (Front-End Loader Traffic), and Equipment Unit #12a (Front-End Loader Dump to Truck) on a daily

basis. If application of water is not required, the daily record shall indicate why application was not necessary (i.e. recent rain, snowfall etc.) for Equipment Unit #12a (Haul Truck Traffic), Equipment Unit #12a (Front-End Loader Traffic), and Equipment Unit #12a (Front-End Loader Dump to Truck).

- I. Monitor pressure drops daily for baghouses associated with Emission Units #1b, 2b, 3b, 4b, 6, 7, 8, 9, 10, 11, 14, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 while the emission units and control devices are operational.
- J. Monitor the differential pressure sensor calibrations monthly and ensure calibration, service and maintenance per the manufacturer's procedures, recommendations, and schedules for process equipment #1b, 2b, 3b, 4b, 6, 7, 8, 9, 10, 11, 14, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13.
- K. Monitor the engineering drawings, analysis, calculations or stack emissions testing to demonstrate compliance with:
 - 1) The unloading baghouse, Emission Unit #DC-01, shall have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 61 feet per second.
 - 2) The mill feed baghouse, Emission Unit #DC-02, shall have a height of at least 19 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 56 feet per second.
 - 3) The rock storage baghouse, Emission Unit #DC-03, shall have a height of at least 74 feet, an exit diameter no larger than 1.17 feet, an unimpeded vertical exhaust, and an exit velocity of at least 62 feet per second.
 - 4) The stucco silos and equipment baghouse, Emission Unit #DC-11a, must have a height of at least 82.2 feet, an exit diameter no larger than 1.25 feet, an unimpeded vertical exhaust, and an exit velocity of at least 71 feet per second.
 - 5) The vertical mill / hot gas generator baghouse, Emission Unit #DC-11, must have a height of at least 100 feet, an exit diameter no larger than 4.0 feet, an unimpeded vertical exhaust, and an exit velocity of at least 66 feet per second.
 - 6) The conditioning system baghouse, Emission Unit #DC-12, must have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 58 feet per second.
 - 7) The start-up baghouse, Emission Unit #DC-13, must have a height of at least 40 feet, an exit diameter no greater than 1 foot, an unimpeded vertical exhaust, and an exit velocity of at least 42 feet per second.
- L. Monitor the monthly natural gas usage for #DC-11 – Hot Gas Generator.

- M.** Monitor the opacity for Emission Units #1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 6, 7, 101, 8, 9, 10, 11, 13, 14, 16, 17, 18, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 utilizing Method 9 on a quarterly basis. The Method 9 test shall be conducted while the baghouse is operating. The opacity test is successful if no visible emissions are observed. If any visible emissions are observed, the Permittee shall initiate corrective action within 24 hours to return the baghouse to normal operation. [40 CFR part 60, subpart OOO, §60.674(c)] Opacity observations shall be conducted in accordance with EPA methods contained in Appendix A of the CFR, Title 40, Part 60, unless otherwise approved by the Department.
- N.** Monitor the opacity for Emission Unit #15 (dryer) utilizing Method 9 on a monthly basis. Opacity observations shall be conducted in accordance with EPA methods contained in Appendix A of the CFR, Title 40, Part 60, unless otherwise approved by the Department.
- O.** Monitor the plant's natural gas usage on a monthly basis.
- P.** Monitor and maintain copies of the manufacturer's specifications that specify the allowable pressure drop range for Baghouse Control Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13.

4. Recordkeeping

Condition 4 has been placed in the permit in accordance with 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, 20.11.41.19.B(4) NMAC and 20.11.41.19.C(8) and (9) NMAC to allow the Program to determine compliance with the terms and conditions of the permit. Compliance will be based on Program inspection of records and logs.

- A.** Record and maintain records of the amount of rock receiving and crushing capacity in tons per hour for Equipment Units #9 and #10.
- B.** Record and maintain records of all ore truck deliveries utilizing the on-site scale. The monitoring of ore truck deliveries shall include the amount of material (in tons) for each ore truck delivery and time in for all ore truck deliveries made to the facility for Equipment Unit #12a (Dump Truck to Stockpile). The record shall include the total daily tons per hour based on a single 24-hour period and the 12-month rolling total of tons per year.
- C.** Record and maintain records of the monthly tons of material loaded in trucks (Unit #12b).
- D.** Record and maintain records of the amount of material in tons per hour received for Equipment Unit #DC-01.
- E.** Record and maintain records of the monthly tons of material loaded into Equipment Unit #13.
- F.** Record and maintain records of the monthly tons of material loaded into Equipment Unit FUG-01 (Dump to Hopper).

- G.** Record and maintain records of the daily number of truck traffic entering the facility for HAUL-1, HAUL-2 and HAUL-3.
- H.** Record and maintain records of when water is applied for Equipment Unit #12a (Haul Truck Traffic), Equipment Unit #12a (Front-End Loader Traffic), and Equipment Unit #12a (Front-End Loader Dump to Truck) on a daily basis. If application of water is not required, the daily record shall indicate why application was not necessary (i.e. recent rain, snowfall etc.). for Equipment Unit #12a (Haul Truck Traffic), Equipment Unit #12a (Front-End Loader Traffic), and Equipment Unit #12a (Front-End Loader Dump to Truck).
- I.** Record and maintain records of baghouse pressure drops daily for baghouses associated with Emission Units #1b, 2b, 3b, 4b, 6, 7, 8, 9, 10, 11, 14, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 while the emission units and control devices are operational.
- J.** Record and maintain records of the differential pressure sensor calibration monthly and ensure calibration, service and maintenance per the manufacturer's procedures, recommendations, and schedules for process equipment #1b, 2b, 3b, 4b, 6, 7, 8, 9, 10, 11, 14, 17, 18, 101, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13.
- K.** Record and maintain records of engineering drawings, analysis, calculations or stack emissions testing to demonstrate compliance with:
- 1) The unloading baghouse, Emission Unit #DC-01, shall have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 61 feet per second.
 - 2) The mill feed baghouse, Emission Unit #DC-02, shall have a height of at least 19 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, and an exit velocity of at least 56 feet per second.
 - 3) The rock storage baghouse, Emission Unit #DC-03, shall have a height of at least 74 feet, an exit diameter no larger than 1.17 feet, an unimpeded vertical exhaust, and an exit velocity of at least 62 feet per second.
 - 4) The stucco silos and equipment baghouse, Emission Unit #DC-11a, must have a height of at least 82 feet, an exit diameter no larger than 1.25 feet, an unimpeded vertical exhaust, and an exit velocity of at least 71 feet per second.
 - 5) The vertical mill / hot gas generator baghouse, Emission Unit #DC-11, must have a height of at least 100 feet, an exit diameter no larger than 4.0 feet, an unimpeded vertical exhaust, and an exit velocity of at least 66 feet per second.
 - 6) The conditioning system baghouse, Emission Unit #DC-12, must have a height of at least 10 feet, an exit diameter no larger than 1.5 feet, an unimpeded vertical exhaust, , and an exit velocity of at least 58 feet per second.

- 7) The start-up baghouse, Emission Unit #DC-13, must have a height of at least 40 feet, an exit diameter no greater than 1 foot, an unimpeded vertical exhaust, and an exit velocity of at least 42 feet per second.
- L. Record and maintain records of the monthly natural gas usage for Unit DC-11 – Hot Gas Generator.
- M. Record and maintain the opacity for Emission Units #1a, 1b, 2a, 2b, 3a, 3b, 4a, 4b, 6, 7, 101, 8, 9, 10, 11, 13, 14, 16 17, 18, DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 utilizing Method 9 on a quarterly basis. The Method 9 test shall be conducted while the baghouse is operating. The opacity test is successful if no visible emissions are observed. If any visible emissions are observed, the Permittee shall initiate corrective action within 24 hours to return the baghouse to normal operation. [40 CFR part 60, subpart OOO, §60.674(c)] Opacity observations shall be conducted in accordance with EPA methods contained in Appendix A of the CFR, Title 40, Part 60, unless otherwise approved by the Department.
- N. Record and maintain records of the monthly opacity observations for Emission Unit #15.
- O. Record and maintain records of the monthly records of natural gas usage for the entire plant.
- P. Record and maintain records of the manufacturer's specifications that specify the allowable pressure drop range for Baghouse Control Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13.
- Q. Maintain records in accordance with 40 CFR 60.735 and 40 CFR 60.676.

This information shall be retained at the plant site for the most recent two-year period and shall be made available to Department personnel upon request.

5. Reporting

Condition 5 has been placed in the permit in accordance with 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, 20.11.41.21 NMAC and 20.11.90 NMAC to allow the Program to determine compliance with the terms and conditions of the permit. Compliance will be based on timely submittal of the reports, notifications, and required information and shall be made in accordance with CFR Title 40, Part 60, Subpart A - General Provisions and 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, 20.11.41.21 NMAC.

The Permittee shall notify the Program in writing of:

- A. The date construction (40 CFR 60.7(a)(1)) is commenced, postmarked no later than 30 days after such date. This requirement shall not apply in the case of mass-produced facilities which are purchased in completed form;
- B. The anticipated startup of the source not less than thirty (30) days prior to that date (20.11.41.21.A(1) NMAC and 40 CFR 60.7(a)(1)), to include the equipment manufacturer and model numbers from the possibilities listed in the Process Equipment Table;

- C. The actual date of initial startup of the source within fifteen (15) days after the initial startup date (20.11.41.21.A(3) NMAC and 40 CFR 60.7(a)(3)), to include the equipment manufacturer and model numbers from the possibilities listed in the Process Equipment Table;
- D. The Permittee shall request an administrative permit revision for any change in control or ownership, name, address, or contact information in accordance with 20.11.41.28(A) NMAC and such change shall be effective upon the Department's revision of the Permit;
- E. Any permit update or correction as required by 20.11.41 NMAC no more than sixty (60) days after the Permittee knows or should have known about the condition that requires updating or correction of the Permit (20.11.41.21(A)(6) NMAC);
- F. By March 15 of every year, an updated annual (January 1 through December 31 of previous calendar year) emissions inventory for Facility, together with descriptions of any reconfiguration of process technology and air pollution equipment, which shall include annual hours of operation, and the annual production throughput in tons.
- G. If the Permittee of a Facility has an excess emission, the Permittee shall provide the Program with the following reports on forms provided by the Program:
 - 1) INITIAL REPORT: The Permittee shall file an initial report, no later than the end of the next regular business day after the time of discovery of an excess emission pursuant to 20.11.49.15(A)(1) NMAC;
 - 2) FINAL REPORT: The Permittee shall file a final report, no later than ten (10) days after the end of the excess emission. If the period of an excess emission extends beyond ten (10) days, the Permittee shall submit the final report to the Program within seventy-two (72) hours of the date and time the excess emission ceased. This condition is pursuant to 20.11.49.15(A)(2) NMAC and 20.11.49.15(C) NMAC; and,
 - 3) ALTERNATIVE REPORTING: If the Facility is subject to the reporting requirements of 40 C.F.R. Parts, 60, 61, and 63 and the federal requirements duplicate the requirements of 20.11.49.15 NMAC, then the federal reporting requirements shall suffice. This condition is pursuant to 20.11.49.15(D) NMAC.

6. Compliance Tests

Condition 6 has been placed in the Permit in accordance with 40 C.F.R. Part 60, Subpart A General Provisions § 60.8, 40 CFR Part 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR Part 60, Subpart UUU - Standards of Performance for Calciners and Dryers in Mineral Industries, 20.11.41.22 NMAC and 20.11.90.13 NMAC. Compliance will be based on the satisfactory completion of the compliance tests, the timely submittal of the emission unit test results to the Program, and on meeting the emission limits specified in Condition 2.

- A. Initial compliance tests for Emission Unit DC-11 after installation of burner is complete shall be conducted for NO_x and CO from natural gas combustion to determine the emission rates of NO_x and

CO. Testing shall be conducted in accordance with the testing protocol. Initial compliance tests shall be conducted within one hundred eighty (180) days of installation of the modified equipment or within sixty (60) days of achieving maximum permitted production, whichever comes first.⁷

- B.** Annual compliance test for NO_x and CO from natural gas combustion for Emission Unit DC-11 has not been imposed at this time.
- C.** Initial opacity compliance test for Emission Unit DC-11a has been imposed in order to demonstrate compliance with the 7% opacity limit applicable to Table 2 to Subpart OOO of Part 60: Stack Emission Limits for Affected Facilities with Capture Systems for an enclosed storage bin for affected facilities that commence construction, modification, or reconstruction on or after April 22, 2008. Method 9 of 40 CFR Appendix A-4 Part 60 and the procedures in 40 CFR 60.11 shall be used to determine opacity. Initial compliance tests shall be conducted within one hundred eighty (180) days of installation of the modified equipment or within sixty (60) days of achieving maximum permitted production, whichever comes first.
- D.** Initial compliance tests for Emission Units #1a, 2a, 3a and 4a have been completed for NO_x and CO as per testing requirement within Permit #0752-M2-RV4, issued September 3, 2010, demonstrating compliance with Condition 2.B, Table 2.c of this current permit.
- E.** Annual compliance tests for NO_x and CO for Emission Units #1a, 2a, 3a and 4a have not been imposed at this time.
- F.** For Emission Units #1b, 2b, 3b and 4b, initial compliance tests were conducted as per testing requirement within Permit #0752-M2-RV4, issued September 3, 2010, in order to demonstrate compliance for particulate matter in accordance with 40 CFR 60.732(a). Initial compliance tests were conducted in accordance with Compliance Agreement No. EA 99-1047.
- G.** If Process Equipment Units #1, 2, 3 and 4 are in operation after 365 days of the previous annual compliance test, an annual compliance tests for Emission Units #1b, 2b, 3b, and 4b will be imposed for particulate matter to demonstrate compliance with Conditions 2.B, Table 2.c and Condition 2.L. In accordance with NSPS Subpart UUU, Emission Unit #1b, 2b, 3b, and 4b shall comply with the particulate matter standards found in 40 CFR 60.732 using the test methods and procedures found in 40 CFR 60.736. All annual compliance tests shall be conducted within 365 days of the previous compliance tests unless the equipment has been decommissioned and removed.
- H.** For Emission Units #6, 7, 101, 8, 9, 10, 11, 13, and 14, initial compliance tests were conducted as per testing requirement within Permit #0752-M2-RV4, issued September 3, 2010, in order to demonstrate compliance for particulate matter. In accordance with NSPS Subpart OOO, Emission Units #6, 7, 101,

⁷ Initial testing was conducted for DC-11 in August 2024, for NO_x and CO with the originally installed burner for DC-11; compliance with the permitted NO_x and CO emission rate from previous permit 0752-M4 was demonstrated. Initial testing shall be conducted again when the modified burner and associated equipment are installed. If the compliance testing demonstrates that CO emissions will be below the manufacture's rate of 16.2 lb/hr or 70 tpy, the Facility's total CO emissions may be shown to be less than the 20.11.42 NMAC, Title V, threshold of 100 tpy. However, if the Facility's total CO emissions, after testing DC-11, exceed 100 tpy, the Permittee will be required to submit a Part 70, Title V application in accordance with 20.11.42.12 NMAC within 12 months after the source commences operation as a 20.11.42 NMAC source.

8, 9, 10, 11, 13, and 14 shall comply with the particulate matter standards found in 40 CFR 60.672 using the test methods and procedures found in 40 CFR 60.675.

- I. Annual compliance tests for Emission Units #6, 7, 101, 8, 9, 10, 11, 13, and 14 have not been imposed at this time.
- J. Initial compliance tests for Emission Units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 have been imposed for in order to demonstrate compliance for particulate matter in Conditions 2.B, Table 2.d and Condition 2.N. In accordance with NSPS Subpart OOO, Emission Units DC-01, DC-02, DC-03, DC-12, and DC-13 shall comply with the particulate matter standards found in 40 CFR 60.672 using the test methods and procedures found in 40 CFR 60.675. Initial compliance tests shall be conducted within one hundred eighty (180) days of installation of the modified equipment or within sixty (60) days of achieving maximum permitted production, whichever comes first.
- K. Annual compliance tests for emission units DC-01, DC-02, DC-03, DC-11a, DC-11, DC-12, and DC-13 have not been imposed at this time.
- L. Initial compliance tests for Emission Unit #15 have been completed for NO_x and CO as per testing requirement within Permit #0752-M2-RV4, issued September 3, 2010, demonstrating compliance with Condition 2.B, Table 2.d of this current permit.
- M. Annual compliance tests for Emission Unit #15 have been imposed at this time. All annual compliance tests shall be conducted within 365 days of the previous compliance tests.
- N. Initial compliance tests for Emission Unit #17 have been completed for PM as per testing requirement within Permit #0752-M2-RV4, issued September 3, 2010, demonstrating compliance with Condition 2.B, Table 2.d of this current permit.
- O. Permit Term Compliance tests for Emission Unit #17 have been imposed for particulate matter to demonstrate compliance with Condition 2.B, Table 2.d. All permit term compliance tests shall be conducted every 5 years of the previous compliance tests.
- P. Initial compliance tests for Emission Unit #18 have been completed for PM as per testing requirement in accordance with NSPS Subpart OOO, demonstrating compliance the particulate matter standards found in 40 CFR 60.672 using the test methods and procedures found in 40 CFR 60.675.
- Q. Annual compliance tests for Emission Unit #18 have not been imposed at this time.
- R. Compliance tests may be imposed or re-imposed by the Department, in its sole discretion, if inspections of the source indicates non-compliance with Permit conditions or the previous test showed non-compliance or was technically unsatisfactory.
- S. When compliance tests are imposed, the owner or operator shall notify the Department at least thirty (30) days prior to any test imposed on the permittee and allow a representative of the Department to be present at the test. (40 C.F.R. § 60.8 (d); 40 C.F.R Part 60, Subpart A)

- T. When compliance tests are imposed, the permittee shall provide for the Department's approval, a written test protocol at least fifteen (15) days prior to the anticipated test date for any test imposed by the Department. The protocol shall describe the test methods to be used (including sampling locations), and shall describe data reduction procedures. Any variation from the established sampling and analytical procedures or from facility operating conditions shall be presented for Department approval. The test protocol shall conform to the standard format specified by the Department.
- U. When compliance tests are imposed, all tests imposed by the Department shall be conducted at ninety percent (90%) of the Gypsum Wallboard Manufacturing Plant Permitted capacity or greater to demonstrate compliance with the permitted emission limits. Compliance testing at other than ninety percent (90%) production levels shall be performed at the Department's request and/or approval. (40 C.F.R. 60.8(c), 40 C.F.R Part 60, Subpart A)
- V. When compliance tests are imposed, one copy of the compliance test results for any imposed test shall be submitted to the Department Enforcement Section within thirty (30) days after the completion of testing. The test results shall conform to the standard format specified by the Department.

Table 6a: Unit Specific Compliance Testing – Emission Units To-be Decommissioned

Emission Unit Number	Compliance Testing	Frequency of Compliance Testing
1a	Conducted for NOx and CO	Not Required *
1b	Conducted for particulate matter	Annually for Particulate Matter
2a	Conducted for NOx and CO	Not Required *
2b	Conducted for particulate matter	Annually for Particulate Matter
3a	Conducted for NOx and CO	Not Required *
3b	Conducted for particulate matter	Annually for Particulate Matter
4a	Conducted for NOx and CO	Not Required *
4b	Conducted for particulate matter	Annually for Particulate Matter
6	Conducted for particulate matter (Subpart OOO)	Permit Term Test**
7	Conducted for particulate matter (Subpart OOO)	Permit Term Test**
101	Conducted for particulate matter (Subpart OOO)	Permit Term Test**
9	Conducted for particulate matter (Subpart OOO)	Not Required *
10	Conducted for particulate matter (Subpart OOO)	Not Required *
11	Conducted for particulate matter (Subpart OOO)	Not Required *
12b	Not Required *	Not Required *
13	Conducted for particulate matter (Subpart OOO)	Not Required *

*Compliance tests have not been imposed for this unit at this time; but may be imposed if inspections of the source indicate non-compliance with Permit conditions.

** Permit Term Test means that the permittee shall conduct the required performance tests every 5 years.

Table 6b: Unit Specific Compliance Testing – Permanent Emission Units

Emission Unit Number	Compliance Testing	Frequency of Compliance Testing
8	Conducted for NOx and CO	Not Required *
12a	Not Required*	Not Required*
14	Conducted for particulate matter (Subpart 000)	Not Required *
15	Conducted for NOx and CO	Annually for NOx and CO
16	Not Required *	Not Required *
17	Conducted for particulate matter	Permit Term Test**
18	Conducted for particulate matter (Subpart 000)	Not Required *
DC-11	Required for particulate matter (Subpart 000)	Initial
DC-01	Required for particulate matter (Subpart 000)	Initial
DC-02	Required for particulate matter (Subpart 000)	Initial
DC-03	Required for particulate matter (Subpart 000)	Initial
DC-11a	Required for particulate matter (Subpart 000)	Initial
DC-12	Required for particulate matter (Subpart 000)	Initial
DC-13	Required for particulate matter (Subpart 000)	Initial

*Compliance tests have not been imposed for this unit at this time; but may be imposed if inspections of the source indicate non-compliance with permit conditions.

** Permit Term Test means that the permittee shall conduct the required performance tests every 5 years.

7. Modifications

Condition 7 incorporates into this Permit the requirements for the Permittee to request from the Department modifications to the Facility. Compliance will be based on Program inspections, the submittal of a new Permit application for any modification and the issuance of a modified Permit before any modification takes place.

A modification shall be considered any “physical changes in, or change in the method of operation of a source that results in an increase in the potential emission rate of any contaminant emitted by the source or that results in the emission of any regulated air contaminant not previously emitted.” Unless otherwise stated in the applicable law 20.11.41.7(U) NMAC, no modification shall begin prior to issuance of a modified permit. *See* 20.11.41.2(A)(3) NMAC. Modifications to this Permit shall be submitted in accordance with 20.11.41 NMAC. *See* 20.11.41.29 NMAC.

8. Administrative and Technical Revisions

Condition 8 incorporates into this Permit the requirements for the Permittee to request and the Program to make administrative or technical revisions to a permit in accordance with 20.11.41.28(A) and (B) NMAC, respectively. Compliance will be based on the Program inspections, the submittal of the request for an administrative or technical revision and the issuance of the administrative or technical revision before the changes take place.

The procedure for administrative and technical revisions “may not be used to create federally enforceable conditions or emissions limitations to avoid an applicable requirement.” 20.11.41.28(B)(5) NMAC; 20.11.41.28(A)(3) NMAC (substantially similar regulatory requirement). No administrative and technical revisions shall begin prior to Department approval. 20.11.41.2(C) NMAC; 20.11.41.28(A)(3) and (B)(5) NMAC.

9. Compliance Assurance/ Enforcement

The Facility is subject to all applicable provision of air quality law, whether incorporated by reference in this Permit or not. The following authorities are incorporated by reference into this Permit; provided, however, nothing herein shall be construed to limit the Department’s authority under applicable law.

- A. The issuance of a permit does not relieve any person from responsibility for complying with the applicable provisions of the federal [Clean Air] [A]ct, the state [Air Quality Control] [A]ct, or a regulation of the [B]oard. 20.11.41.18 NMAC.
- B. “Every term or condition included in a permit is enforceable to the same extent as a regulation of the [B]oard.” 20.11.41.19(D) NMAC. Thus, the Department can enforce the terms and conditions of this Permit the same as a regulation.
- C. The Department is authorized to take action to ensure compliance with applicable law, which may include (i) issuing a compliance order requiring compliance with this Permit and applicable law, assessing a civil penalty, suspending or revoking this Permit or portion thereof, or a combination; or (ii) filing a civil action in district court. NMSA 1978, §§ 74-2-12(A)-(B); *see* §§ 74-2-5.1(A)-(B). Civil penalties will be in accordance with applicable law. *See* NMSA 1978, § 74-2-12.1(A)-(B), (D); § 74-2-12(B).
- D. The Department is authorized to conduct scheduled and unscheduled inspections. NMSA 1978, § 74-2-13; § 74-2-5.1(A). to determine compliance with applicable law and this Permit. The Department is also authorized to “require the production of information relating to emissions that cause or contribute to air pollution.” § 74-2-5.1(A). Upon presentation of credentials, the Program:
 - 1) “[S]hall have a right of entry to, upon or through any premises on which an emission source is located or on which any records required to be maintained by regulations of the . . . [B]oard or by any permit condition are located.” § 74-2-13(A); *see* § 74-2-5.1(A). This right shall apply, at minimum, to the Permittee, Facility and Property, and to this Permit;
 - 2) “[M]ay at reasonable times: have access to and copy any records required to be established and maintained by regulations of the . . . [B]oard or any permit condition.” § 74-2-13(B)(1). This right, at minimum, shall apply to records required by this Permit;
 - 3) “[M]ay at reasonable times: . . . inspect any monitoring equipment and method required by regulations of the . . . [B]oard or by any permit condition.” § 74-2-13(B)(2). This right shall

- apply, at minimum, to the equipment of the Facility and on the Property, whether identified in this Permit or not; and
- 4) “[M]ay at reasonable times: . . . sample any emissions that are required to be sampled pursuant to regulation of the . . . [B]oard or any permit condition.” § 74-2-13(B)(3). This right shall apply, at a minimum, to the emissions stated in this Permit.

“Any credible evidence may be used to determine whether a person has violated or is in violation of the terms or conditions of a permit” or any provision of applicable law. 20.11.41.27 NMAC. Presumptively credible evidence under the law, including testing, monitoring and information gathering methods, is set forth in, but is not limited to, the regulation 20.11.41.27 NMAC).

E. Any person that violates air quality laws may be subject to criminal penalties in accordance with NMSA 1978, § 74-2-14.

10. Posting of the Permit

A copy of this Permit shall be posted in a visible location at the Facility at all times. See 20.11.41.19.B(4) NMAC. The Permit shall be made available to Program personnel for inspection upon request.

11. Annual Fees

The Permittee shall pay an annual emission fee in accordance with 20.11.2 NMAC. The Department will determine compliance with Condition 11 based on the timely receipt of the annual emissions fee due each year to the Program. At the time of issuance of this Permit, the annual emission fee shall be based on the following allowable emission rate for each fee pollutant, in accordance with 20.11.2.13(C)(3), as stated in table 11a, below.

Table 11a: Facility Wide Fee Pollutants based on Annual Emissions

Fee Pollutant	Tons per Year
Oxides of Nitrogen (NO _x)	93
Carbon Monoxide (CO)	115
Volatile Organic Compounds (VOC)	5
Sulfur Dioxide(SO ₂)	1
Particulate Matter 10 (PM ₁₀)	72
Particulate Matter 2.5 (PM _{2.5})	25
Hazardous Air Pollutants (HAPs)	--
Facility Wide Fee - Total Emissions	311

“No notification or submittal will be reviewed or source registration or permit issued unless the owner or operator provides documentary proof satisfactory to the [D]epartment that either all applicable fees have been paid as required by 20.11.2 NMAC or the owner or operator has been granted a variance pursuant to 20.11.7 NMAC, Variance Procedures.” 20.11.2.11(C) NMAC.

II. ADDITIONAL REQUIREMENTS

1. Permit Cancellation

Pursuant to 20.11.41.20(A) NMAC, “[t]he [D]epartment shall cancel any permit for any source that ceases operation for five years or more, or permanently.” Additionally, pursuant to 20.11.41.20(B) NMAC, the Department may cancel this Permit if “construction . . . is “not commenced within two years from the date of issuance or, if during the construction . . . , work is suspended for a total of one (1) year”

2. Notice Regarding Scope of Permit

The Department’s issuance of an air quality permit only authorizes the use of the specified equipment pursuant to the air quality control laws, regulations and conditions. Permits relate to air quality control only and are issued for the sole purpose of regulating the emission of air contaminants from said equipment. Air quality permits are not a general authorization for the location, construction and/or operation of a facility, nor does a permit authorize any particular land use or other form of land entitlement. It is the Permittee’s responsibility to obtain and maintain all other necessary permits from the appropriate agencies, such as the City of Albuquerque Planning Department or Bernalillo County Department of Planning and Development Services, including but not limited to site plan approvals, building permits, fire department approvals and the like, as may be required by law for the location, construction and/or operation of a facility.

For more information, please visit the City of Albuquerque Planning Department website at <https://www.cabq.gov/planning> and the Bernalillo County Department of Planning and Development Services website at <https://www.bernco.gov/planning>.

3. Notice Regarding Accuracy of Information and Data Submitted

Any misrepresentation of a material fact in the application and its attachments for this Permit is cause for revocation of part or all of this resulting Permit, and revocation of the Permit for cause may limit the Permittee’s ability to obtain any subsequent air quality permit for ten (10) years. Additionally, any person who knowingly makes any false statement, representation, or certification in any application, record, report, plan or other document filed or required to be maintained under the Air Quality Control Act, NMSA 1978 §§ 74-2-1 to 74-2-17, is guilty of a misdemeanor and shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per day per violation or by imprisonment for not more than twelve (12) months, or by both.

4. Requests for Information

The Permittee is an obligatory party to a permit appeal filed pursuant to 20.11.81 NMAC and shall comply with any requests by the Department for additional information in connection with such appeal or any other legal proceedings.

5. Contact Information

Application for Permit modifications, relocation notices and items listed under ADDITIONAL REQUIREMENTS shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Permitting Supervisor

P.O. Box 1293
Albuquerque, New Mexico 87103

Test protocols and compliance test reports shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Enforcement Supervisor
P.O. Box 1293
Albuquerque, New Mexico 87103

All compliance reports shall be submitted to:

Albuquerque Environmental Health Department
Air Quality Program
Attention: Compliance Supervisor
P.O. Box 1293
Albuquerque, New Mexico 87103

DRAFT

III. APPENDIX

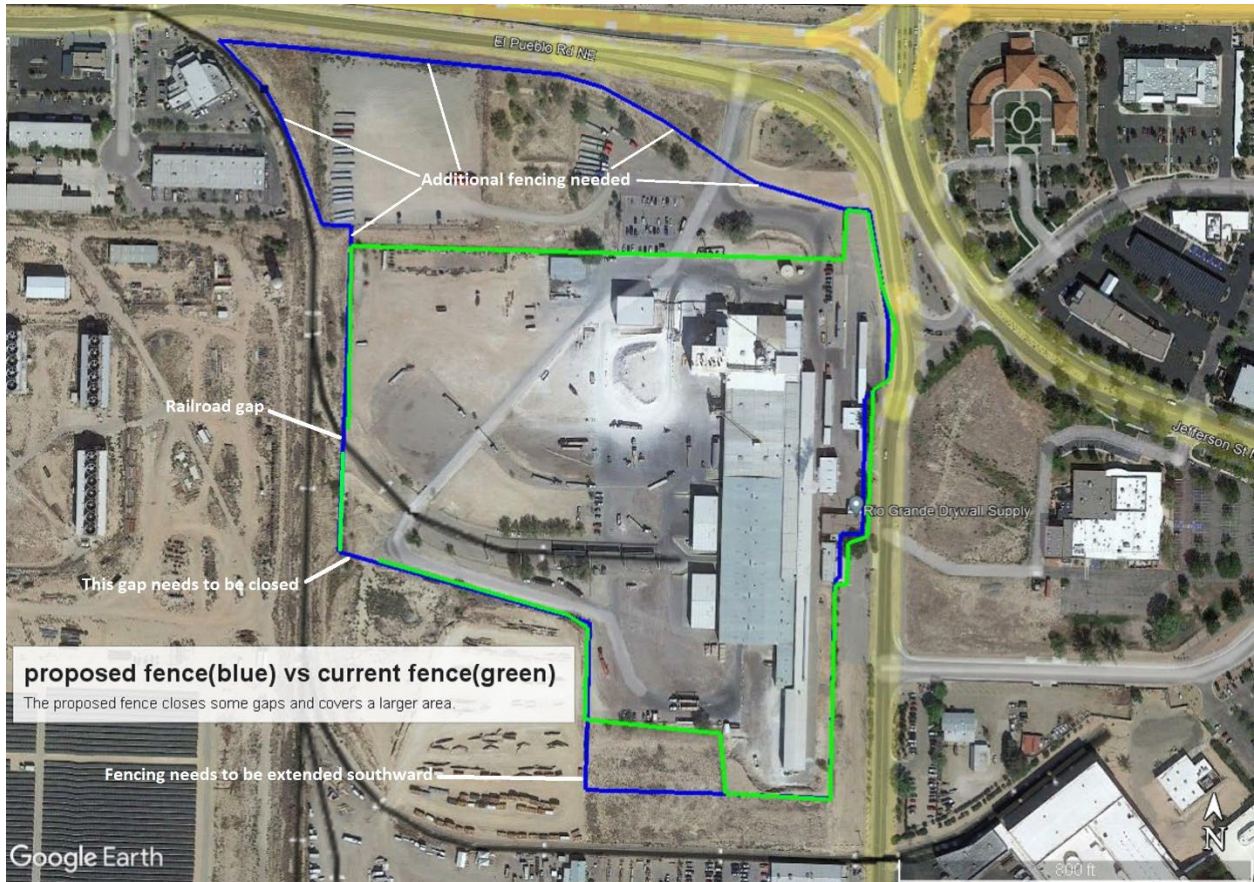


Figure 1: Changes in fencing needed per modeling



Figure 2: Temporary Location of the Razertail



Figure 3: Updated location for Unit #FUG-01