



MICHELLE LUJAN GRISHAM
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**AIR QUALITY BUREAU
NEW SOURCE REVIEW PERMIT
Issued under 20.2.72 NMAC**

Note to Applicant for Draft Permit Reviews: **The AQB permit specialist provides this draft permit to the applicant as a courtesy to assist AQB with developing practically enforceable permit terms & conditions and correcting any technical errors. Please note that the draft permit may change following completion of the Department's internal reviews. If AQB makes additional changes, and as time allows, the applicant may be provided an opportunity for additional review before the permit is issued.**

Sent by Certified Mail
Return Receipt Requested

NSR Permit No: 9295
Facility Name: Alto Concrete Batch Plant

Facility Owner/Operator: Roper Construction Inc

Mailing Address: P.O. Box 969
Alto, New Mexico 88312

TEMPO/IDEA ID No: 40076-PRN20210001
AIRS No: 35-027-0299

Permitting Action: Regular New
Source Classification:

Facility Location: 438240 m E by 3697950m N, Zone 13;
Datum NAD83

County: Lincoln County, NM

Air Quality Bureau Contact Deepika Saikrishnan
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Liz Bisbey-Kuehn
Bureau Chief
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Date

Template version: 06/30/2021

SCIENCE | INNOVATION | COLLABORATION | COMPLIANCE

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PART A FACILITY SPECIFIC REQUIREMENTS**A100 Introduction**

A. This is a new permit.

A101 Permit Duration (expiration)

A. The term of this permit is permanent unless withdrawn or cancelled by the Department.

A102 Facility: Description

- A. The 125 cubic yard per hour concrete batch plant.
- B. This facility is located approximately 8.2 miles north of Ruidoso, New Mexico in Lincoln County.
- C. Tables 102.A and Table 102.B show the total potential emission rates (PER) from this facility for information only. This is not an enforceable condition and excludes emissions from Minor NSR exempt activities per 20.2.72.202 NMAC.

Table 102.A: Total Potential Emission Rate (PER) from Entire Facility

Pollutant	Emissions (tons per year)
Nitrogen Oxides (NO _x)	0.3
Carbon Monoxide (CO)	0.2
Volatile Organic Compounds (VOC)	0.03
Sulfur Dioxide (SO ₂)	0.003
Particulate Matter 10 microns or less (PM ₁₀)	1.7
Particulate Matter 2.5 microns or less (PM _{2.5})	0.2

Table 102.B: Total Potential Emissions Rate (PER) for Hazardous Air Pollutants (HAPs) that exceed 1.0 ton per year

Pollutant	Emissions (tons per year)
Total HAPs	<1.0

A103 Facility: Applicable Regulations

A. The permittee shall comply with all applicable sections of the requirements listed in Table 103.A.

Table 103.A: Applicable Requirements

Applicable Requirements	Federally Enforceable	Unit No.
20.2.1 NMAC General Provisions	X	Entire Facility
20.2.3 NMAC Ambient Air Quality Standards	X	Entire Facility
20.2.7 NMAC Excess Emissions	X	Entire Facility
20.2.61 NMAC Smoke and Visible Emissions	X	Units 12, 13, and 14
20.2.72 NMAC Construction Permit	X	Entire Facility
20.2.73 NMAC Notice of Intent and Emissions Inventory Requirements	X	Entire Facility
20.2.75 NMAC Construction Permit Fees	X	Entire Facility
40 CFR 50 National Ambient Air Quality Standards	X	Entire Facility

A104 Facility: Regulated Sources

- A. Table 104.A lists the emission units authorized for this facility. Emission units identified as exempt activities (as defined in 20.2.72.202 NMAC) and/or equipment not regulated pursuant to the Act are not included.

Table 104.A: Regulated Sources List

Unit No.	Source Description	Make	Model	Serial No.	Construction/Reconstruction Date	Manufacture Date	Permitted Capacity
1	Haul Road	NA	NA	NA	NA	NA	305 trips per day
2	Feeder Hopper	JEL Manufacturing	TBD	TBD	TBD	TBD	187.5 tph
3	Feeder Hopper Conveyor	JEL Manufacturing	TBD	TBD	TBD	TBD	187.5 tph
4	Overhead Aggregate Bins (4)	JEL Manufacturing	TBD	TBD	TBD	TBD	187.5 tph
5	Aggregate Weigh Batcher	JEL Manufacturing	TBD	TBD	TBD	TBD	187.5 tph
6	Aggregate Weigh Conveyor	JEL Manufacturing	TBD	TBD	TBD	TBD	187.5 tph
7	Truck Loading with Baghouse	JEL Manufacturing	TBD	TBD	TBD	TBD	125 yd ³ per hour
8	Cement/Fly Ash weigh Batcher	JEL Manufacturing	TBD	TBD	TBD	TBD	38.8 tph
9	Cement Split Silo	JEL Manufacturing	TBD	TBD	TBD	TBD	30.6 tph

Table 104.A: Regulated Sources List

Unit No.	Source Description	Make	Model	Serial No.	Construction/ Reconstruction Date	Manufacture Date	Permitted Capacity
10	Fly Ash Split Silo	JEL Manufacturing	TBD	TBD	TBD	TBD	8.25 tph
11	Aggregate/Sand Storage Piles	NA	NA	NA	NA	NA	187.5 tph
12,13, 14	Concrete Batch Plant Heaters (3 in total)	TBD	TBD	TBD	TBD	TBD	0.6 MMBtu/hr (total)

1. All TBD (to be determined) units and like-kind engine replacements must be evaluated for applicability to NSPS and MACT requirements.

A105 Facility: Control Equipment

- A. Table 105.A lists all the pollution control equipment required for this facility. Each emission point is identified by the same number that was assigned to it in the permit application.

Table 105.A: Control Equipment List:

Control Equipment Unit No.	Control Description	Pollutant being controlled	Control for Unit Number(s) ¹
3b	Wet Dust Suppression System	PM ₁₀ , PM _{2.5}	3
4b	Wet Dust Suppression System	PM ₁₀ , PM _{2.5}	4
5b	Wet Dust Suppression System	PM ₁₀ , PM _{2.5}	5
6b	Wet Dust Suppression System	PM ₁₀ , PM _{2.5}	6
7b	Baghouse	PM ₁₀ , PM _{2.5}	7, 8
9b	Baghouse	PM ₁₀ , PM _{2.5}	9
10b	Baghouse	PM ₁₀ , PM _{2.5}	10

1. Control for unit number refers to a unit number from the Regulated Equipment List

A106 Facility: Allowable Emissions

- A. The following Section lists the emission units and their allowable emission limits. (40 CFR 50, 20.2.72.210.A and B.1 NMAC).

Table 106.A: Allowable Emissions

Unit No.	NO _x 1 pph	NO _x 1 tpy	CO pph	CO tpy	VOC pph	VOC tpy	SO ₂ pph	SO ₂ tpy	PM ₁₀ pph	PM ₁₀ tpy	PM _{2.5} pph	PM _{2.5} tpy
1	-	-	-	-	-	-	-	-	0.1	0.3	0.03	0.07
2	-	-	-	-	-	-	-	-	0.4	0.6	0.06	0.08
3	-	-	-	-	-	-	-	-	0.009	0.02	0.002	.005
4	-	-	-	-	-	-	-	-	0.009	0.02	0.002	0.005
5	-	-	-	-	-	-	-	-	0.009	0.02	0.002	0.005
6	-	-	-	-	-	-	-	-	0.009	0.02	0.002	0.005
7	-	-	-	-	-	-	-	-	0.02	0.04	0.003	0.006
8	-	-	-	-	-	-	-	-	0.02	0.04	0.003	0.006
9	-	-	-	-	-	-	-	-	0.01	0.03	0.003	0.006
10	-	-	-	-	-	-	-	-	0.009	0.02	0.002	0.004
11	-	-	-	-	-	-	-	-	0.5	0.7	0.08	0.1
12	-	-	-	-	-	-	-	-	-	-	-	-
13	0.06	0.3	0.05	0.2	0.007	0.03	0.0007	0.003	0.005	0.02	0.005	0.02
14	-	-	-	-	-	-	-	-	-	-	-	-

- 1 Nitrogen dioxide emissions include all oxides of nitrogen expressed as NO₂
“-” indicates the application represented emissions of this pollutant are not expected.
- 2 To report excess emissions for sources with no pound per hour and/or ton per year emission limits, see condition B110F.

A107 Facility: Allowable Startup, Shutdown, & Maintenance (SSM)

- A. Separate allowable SSM emission limits are not required for this facility since the SSM emissions are predicted to be less than the limits established in Table 106.A. The permittee shall maintain records in accordance with Condition B109.C.

A108 **Facility: Allowable Operations**

A. Allowable Hours of Operation (Facility)

<p>Requirement: Compliance with the emission limiting in Table 106. shall be demonstrated by restricting this facility, including all permitted equipment and related activities such as truck traffic involving movement of product, to operate no more than the hours described below Allowable Hours of Operation 7AM-6PM from November through February, 5AM-7PM March and October, 4AM-9PM April and September and 3AM-9PM May through August.</p>
<p>Monitoring: Daily, the permittee shall monitor the date, startup time, shutdown time, and the total hours of operation of the facility.</p>
<p>Recordkeeping: Daily, the permittee shall record the date, startup time, shutdown time, and the total hours of operation of the facility. The permittee shall maintain records in accordance with Section B109.</p>
<p>Reporting: The permittee shall report in accordance with Section B110.</p>

B. Facility Throughput (Facility)

<p>Requirement: Compliance with the allowable emission limits in table 106.A shall be demonstrated by limiting the facility production rates to 125 cubic yards per hour and 500000 cubic yards per year.</p> <ol style="list-style-type: none"> 1) The concrete production rates shall not exceed 125 cubic yards per hour and 1125 cubic yards per day from November through February. 2) The concrete production rates shall not exceed 125 cubic yards per hour and 1500 cubic yards per day in March and October. 3) The concrete production rates shall not exceed 125 cubic yards per hour and 1750 cubic yards per day in April and September. 4) The concrete production rates shall not exceed 125 cubic yards per hour and 1875 cubic yards per day from May through August. <p>These production rates were specified in the permit application and are the basis for the Department’s modeling analysis to determine compliance with the applicable ambient air quality standards.</p>
<p>Monitoring: The permittee shall monitor the hourly and daily total production, and, each calendar month, the monthly rolling 12-month total production.</p>
<p>Recordkeeping: The permittee shall:</p> <ol style="list-style-type: none"> 1) Each day, record the date, start time, and end time of any production activity. 2) Each hour, during production, record the date, hour, and hourly production total. 3) Daily, record the daily production total by summing the hourly production totals for that day. 4) Each calendar month, calculate and record the total monthly production and the monthly rolling 12-month total production, and

5) Maintain on site all records necessary for the calculation of the required hourly, daily, and monthly rolling 12-month production totals.
Reporting: The permittee shall report in accordance with Section B110. This report shall be generated upon request.

- C. If the facility ceases operations for any reason for longer than 30 days, the owner or operator shall notify the Permit Program Manager within 45 days of ceasing operations, the reason for ceasing operations, and provide a restart date if the cessation is temporary.

A109 Facility: Reporting Schedules

- A. The permittee shall report according to the Specific Conditions and General Conditions of this permit.

A110 Facility: Fuel and Fuel Sulfur Requirements

- A. Fuel and Fuel Sulfur Requirements (units 12, 13 and 14)

Requirement: All combustion emission units shall combust only natural gas containing no more than 0.75 grains of total sulfur per 100 dry standard cubic feet.
Monitoring: No monitoring is required. Compliance is demonstrated through records.
Recordkeeping: <ol style="list-style-type: none"> 1) The permittee shall demonstrate compliance with the natural gas or fuel oil limit on total sulfur content by maintaining records of a current, valid purchase contract, tariff sheet or transportation contract for the gaseous or liquid fuel, or fuel gas analysis, specifying the allowable limit or less. 2) If fuel gas analysis is used, the analysis shall not be older than one year. 3) Alternatively, compliance shall be demonstrated by keeping a receipt or invoice from a commercial fuel supplier, with each fuel delivery, which shall include the delivery date, the fuel type delivered, the amount of fuel delivered, and the maximum sulfur content of the fuel.
Reporting: The permittee shall report in accordance with Section B110.

A111 Facility: 20.2.61 NMAC Opacity

- A. 20.2.61 NMAC Opacity Limit (Units 12, 13 and 14)

Requirement: Visible emissions from all stationary combustion emission stacks shall not equal or exceed an opacity of 20 percent in accordance with the requirements at 20.2.61.109 NMAC.
Monitoring:

- 1) Use of natural gas fuel constitutes compliance with 20.2.61 NMAC unless opacity equals or exceeds 20% averaged over a 10-minute period. When any visible emissions are observed during operation other than during startup mode, opacity shall be measured over a 10-minute period, in accordance with the procedures at 40 CFR 60, Appendix A, Reference Method 9 (EPA Method 9) as required by 20.2.61.114 NMAC, or the operator will be allowed to shut down the equipment to perform maintenance/repair to eliminate the visible emissions. Following completion of equipment maintenance/repair, the operator shall conduct visible emission observations following startup in accordance with the following procedures:
 - (a) Visible emissions observations shall be conducted over a 10-minute period during operation after completion of startup mode in accordance with the procedures at 40 CFR 60, Appendix A, Reference Method 22 (EPA Method 22). If no visible emissions are observed, no further action is required.
 - (b) If any visible emissions are observed during completion of the EPA Method 22 observation, subsequent opacity observations shall be conducted over a 10-minute period, in accordance with the procedures at EPA Method 9 as required by 20.2.61.114 NMAC.

For the purposes of this condition, *Startup mode* is defined as the startup period that is described in the facility’s startup plan.

Recordkeeping:

- 1) If any visible emissions observations were conducted, the permittee shall keep records in accordance with the requirements of Section B109 and as follows:
 - (a) For any visible emissions observations conducted in accordance with EPA Method 22, record the information on the form referenced in EPA Method 22, Section 11.2.
 - (b) For any opacity observations conducted in accordance with the requirements of EPA Method 9, record the information on the form referenced in EPA Method 9, Sections 2.2 and 2.4.

Reporting: The permittee shall report in accordance with Section B110.

A112 Facility: Haul Roads

A. Truck Traffic

Requirement: Compliance with the allowable particulate emissions in Table 106.A shall be demonstrated by limiting the number of paved haul road round trips to 305 round trips per day.

Monitoring: The permittee shall monitor the total number of paved haul road round trips per day.

Recordkeeping: The permittee shall keep daily records of the total number of haul road trips per day.

Reporting: The permittee shall report in accordance with Section B110.

B. Haul Road Control

Requirement: Truck traffic areas and haul roads going in and out of the plant site shall be paved and maintained to minimize silt buildup to control particulate emissions. This condition demonstrates compliance with the AP-42, Section 13.2.1 (ver. 01/11) "Paved Roads" emission equation used in the permit application.

This control measure shall be used on roads as far as the nearest public road.

Monitoring: The permittee shall monitor the frequency, quantity, and location(s) of the water application, or equivalent control measures, such as sweeping.

Recordkeeping: The permittee shall keep daily records of the frequency, quantity, and location(s) of the water application, or equivalent control measures, such as sweeping.

Reporting: The permittee shall report in accordance with Section B110.

C. Nighttime Truck Traffic

Requirement: Nighttime operation of haul trucks is authorized providing the following requirements are met for the trafficked roads.

Haul truck surfaces are paved and maintained to minimize silt buildup.

Monitoring:

1) The permittee shall monitor:

- (a) the date, time, and water truck odometer/hour meter reading at the commencement of watering activities or date and time of road sweeping;
- (b) the date, time, and water truck odometer/hour meter reading at the completion of watering activities or date and time of road sweeping;
- (c) the quantity of water applied;
- (d) the date and time of commencement and completion of night traffic operations.

2) For each hour of night operation in which the traffic areas were not maintained to minimize silt buildup, the permittee shall monitor the road and off-road surfaces to see if dust is rising higher than the headlights or taillights of a standard haul truck.

Recordkeeping: The permittee shall make a record of each hourly dust monitoring activity to see if additional maintenance is necessary. At a minimum the record shall include the date, the time of the observation, the roads and surfaces observed, the results of the observation, and the name of the person making the observation.

Reporting: Records shall be made available according to reporting requirements of this permit, if the Department requests them.

A113 Facility: Initial Location Requirements

- A. Initial Setback Distance – Not required
- B. Co-location

This facility shall not co-locate with another facility without submitting air dispersion modeling and revising the permit.

A114 Facility: Relocation Requirements

- A. This facility shall not be relocated.

A115 Governing Requirements During Source Construction, Source Removal, and/or Change in Emissions Control -Not Required

EQUIPMENT SPECIFIC REQUIREMENTS

OIL AND GAS INDUSTRY

A200 Oil and Gas Industry – Not Required

CONSTRUCTION INDUSTRY - AGGREGATE

A300 Construction Industry – Aggregate – Not Required

CONSTRUCTION INDUSTRY – ASPHALT

A400 Construction Industry – Asphalt -Not Required

CONSTRUCTION INDUSTRY - CONCRETE

A500 Construction Industry – Concrete

- A. This section has common equipment related to most concrete operations.

A501 Equipment Substitutions

- A. Substitution of aggregate handling equipment is authorized provided the replacement equipment is functionally equivalent and has the same or lower process capacity as the piece of equipment it is replacing in the most recent permit. The replacement equipment shall comply with the opacity requirements in this permit.
- B. The Department shall be notified within fifteen (15) days of equipment substitutions using the Equipment Substitution Form provided by the Department and available online.

A502 Process Equipment – Conveyors, Bins, Weigh Batchers and Storage Piles (Units 3, 4, 5, 6 and 11)

- A. Wet Dust Suppression System (Units 3, 4, 5, 6 and 11)

<p>Requirement: Compliance with allowable particulate emission limits in Table 106.A shall be demonstrated by:</p> <ol style="list-style-type: none"> 1) Feeder Hopper Conveyor (Unit 3), Overhead Aggregate Bins (Unit 4), Aggregate Weigh Batchers (Unit 5), Aggregate Weigh Conveyor (Unit 6) shall have a Wet Dust Suppression System installed or additional moisture added at the aggregate/sand storage piles (Unit 11) to minimize fugitive emissions to the atmosphere from emission points and to meet the emission limitations contained in this permit. 2) At any time, if visible emissions at material transfer points are observed, additional water sprays shall be added or if already installed, turned on, or additional moisture will be added to the aggregate/sand storage piles (Unit 11) to minimize the visible emissions. 3) Each Wet Dust Suppression System shall be turned on and properly function at all times the facility is operating or additional moisture shall be added at the aggregate/sand storage piles (Unit 11), unless rain or snow precipitation achieves an equivalent level of dust control. Any problems with the control devices shall be corrected before commencement of operation.
<p>Monitoring:</p> <ol style="list-style-type: none"> 1) On each day of operation at the commencement of operation of the Wet Dust Suppression System, the permittee shall inspect the Wet Dust Suppression System. At a minimum, the visual inspection shall include checks for malfunctions and deficiencies in dust control effectiveness, such as breaches in the physical barriers controlling dust emissions; spray nozzle clogs; misdirected sprays; insufficient water pressure; and/or any other dust control equipment deficiencies or malfunctions, or 2) On each day of operation when additional moisture is added to the aggregate/sand storage piles, daily visible inspections will be made to determine the additional moisture is adequate to minimize visible emissions.
<p>Recordkeeping:</p> <ol style="list-style-type: none"> 1) A daily record shall be made of the Wet Dust Suppression System inspection and any maintenance activity that resulted from the inspection. The permittee shall record in

accordance with Section B109 of this permit and shall also include a description of any malfunction and any corrective actions taken. The record shall be formatted with a description of what shall be inspected to ensure the inspector understands the inspection responsibilities. If the Wet Dust Suppression System is turned off due to rain or snow precipitation that achieve the equivalent level control as the Water Spray Units, it shall be so noted in the daily record.

- 2) Daily visible observation logs will be maintained and at a minimum the record shall include the date, the time of the observation, the emission point observed, the results of the observation, and the name of the person making the observation.

Reporting: The permittee shall report in accordance with Section B110.

B. Fugitive Dust Control Plan (FDCP)

Requirement: The permittee shall develop a Fugitive Dust Control Plan (FDCP) for minimizing emissions from areas such as aggregate feeders, conveyors, bins, bin scales, storage piles, overburden removal, disturbed earth, buildings, truck loading/unloading, or active pits.

Sites of overburden removal and active pit areas shall be watered, dependent on existing wind speeds and soil moisture content, as necessary to minimize dust emissions.

Stockpiles must be kept adequately moist to control dust during storage and handling or covered at all times to minimize emissions.

Monitoring: Once each calendar month, the permittee shall inspect each area to ensure that fugitive dust is being minimized and determine if the FDCP plan needs updating.

Any observations of visible dust emissions from the above areas shall be considered an indication of the need to update the FDCP.

Recordkeeping: Monthly, the permittee shall make a record of each monthly inspection of each area and revise the plan to address past shortcomings as well as future activities. If no changes are needed, then the permittee shall make a record that the plan needs no changes. The permittee shall make a record of any action taken to minimize emissions as a result of the FDCP or monthly inspections. The permittee shall maintain records in accordance with Section B109.

Reporting: The permittee shall report in accordance with Section B110.

A503 Material Handling –Truck Loading from Batch Conveyor and Silos

A. Silos: (Units 9 and 10)

Requirement: Compliance with the allowable particulate emissions in Table 106.A shall be demonstrated by:

- 1) Ensuring Emissions from each silo (Units Cement Split Silo and Flyash Split Silo) shall at all times be routed to and controlled by the Silo Baghouses (Units 9b and 10b).
- 2) The Silo baghouse shall be equipped with a differential pressure gauge.

3) The gauge shall be maintained, replaced and calibrated per manufacturer's specifications so that it consistently provides correct and accurate readings.
Monitoring: Once, during each loading event, compliance with Table 106.A limits shall be demonstrated by ensuring the Silo Baghouse (Unit 9b and 10b) differential pressure meets the differential pressure requirement of this condition. If a deviation(s) from this requirement is noted, the permittee shall document actions taken to rectify the problem(s) and whether the repairs were successful.
Recordkeeping: During each loading of Silo (Unit 9 or 10), the monitored differential pressure shall be recorded for each loading operation. The permittee shall maintain records of the maintenance checks on the silo baghouses, a record of the date and time of each check, the results of the check and if the check indicates whether the silo baghouse is operating as required by this condition and as represented in the application and in accordance with the manufacturer recommendations and the actions taken to repair the silo baghouse. The permittee shall maintain records of operational inspections, maintenance performed, and each gauge calibrations and in accordance with Section B109.
Reporting: The permittee shall report in accordance with Section B110.

B. Truck Loading -Loading of Aggregate, Sand, Cement and Flyash (Unit 7)

Requirement: Compliance with the particulate emission limits in Table 106.A shall be demonstrated by limiting the loading rate of the aggregate, sand, cement, flyash and water to 125 cubic yards per hour. The truck loading of materials shall be equipped with a central dust control system (Unit 7b) that captures fugitive emissions.
Monitoring: The permittee shall monitor the daily loading rates.
Recordkeeping: The permittee shall: <ol style="list-style-type: none"> 1) Measure and record the daily loading rate, 2) Date of concrete loading, 3) Determine or calculate the daily and hourly loading rate. Calculate the hourly load rate by dividing the daily loading rate by the total hours of operation per day. 4) Maintain the records necessary to support the calculation of the daily load rate.
Reporting: The permittee shall report in accordance with Section B110.

C. No Visible Emissions (Unit 7, 8, 9 and 10)

Requirement: Compliance with the emission limits in Table 106.A shall be demonstrated by each transfer point exhibiting no visible emissions except for ten (10) seconds during a six minute period as determined by EPA Reference Method 22. The Units (7, 8, 9, and 10) shall be controlled by the associated control devices identified in Table 105.A.
Monitoring: Daily during operation of each unit, the permittee shall perform a visible emissions

check, if The observer sees visible emissions from a transfer point lasting longer than ten(10) seconds in a six(6) minute period as determined by EPA Reference Method 22 , the permittee shall perform a maintenance check on the control devices/methods and perform any necessary maintenance activities to ensure the controls are maintained per manufacturers specifications and to achieve no visible emissions.

Recordkeeping: The permittee shall maintain the following information: records of visible emission observations and/or repairs and the date and time, occurring as a result of those observations.

Reporting: N/A

D. Requirements for Baghouses (Units 9b and 10b)

Requirement: Compliance with the emission limits in table 106.A shall be demonstrated by maintaining a differential pressure across each baghouse within the manufacturer recommended differential pressure range for that dust collector. Units 7, 8, 9, and 10 shall be controlled by the associated control devices as identified in table 105.A.

Each baghouse shall be equipped with a differential pressure gauge.

Gauges shall be maintained in good operating condition per manufacturer maintenance recommendations. Gauges shall be replaced and calibrated as needed to ensure accurate performance as needed to ensure accurate performance and per manufacturer maintenance recommendations.

Operations shall cease immediately if the pressure drop is not within the manufacturer specified normal operating range. Operations shall not commence until the cause of the deviation is determined and rectified.

Monitoring: The differential pressure (inches of water) across each dust collector shall be continuously indicated using a differential pressure gauge and shall be monitored once each day.

Recordkeeping: The permittee shall maintain the following information:

- 1) The manufacturer specified normal differential pressure range for each bag house.
- 2) At least daily, a reading of the differential pressure during normal operations for each bag house and the name of the person making the record.
- 3) Any deviation in differential pressure from the manufacturers recommended range, the cause of deviation, the time operations ceased for repairs, the time operations commenced after repairs and the corrective actions taken.
- 4) Maintain a copy of the manufacturer specification sheet.

Reporting: The permittee shall report in accordance with Section B110.

PART B GENERAL CONDITIONS (Attached)

PART C MISCELLANEOUS: Supporting On-Line Documents; Definitions; Acronyms (Attached)