



Albuquerque Environmental Health Department - Air Quality Program

Please mail this application to **P.O. Box 1293, Albuquerque, NM 87103**

or hand deliver between 8:00am - 5:00pm Monday - Friday to:

3rd Floor, Suite 3023 - One Civic Plaza NW, Albuquerque, New Mexico 87103

(505) 768 - 1972 aqd@cabq.gov (505) 768 - 1977 (Fax)



**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

Clearly handwrite or type

Corporate Information

Submittal Date: 11/06/2020

Resubmittal Date: 02/23/2021

1. Company Name Albuquerque Asphalt Inc.
2. Street Address 5012 Broadway Blvd SE Zip 87105
3. Company City Albuquerque 4. Company State NM 5. Company Phone (505) 831-7311 6. Company Fax (505) 831-0811
7. Company Mailing Address: P.O. BOX 66450 Zip 87193
8. Company Contact and Title Dan Fisher - Vice President of Engineering 9. Phone (505) 831-7311
10. E-mail Dan@alb-asphalt.com

Stationary Source (Facility) Information: [Provide a plot plan (legal description/drawing of facility property) with overlay sketch of facility processes; Location of emission points; Pollutant type and distances to property boundaries]

1. Facility Name AAI Broadway HMA 2. Street Address 5012 Broadway Blvd SE
3. City Albuquerque 4. State NM 5. Facility Phone (505) 831-7311 6. Facility Fax (505) 831-0811
7. Facility Mailing Address (Local) P.O. BOX 66450 Zip 87193
8. Latitude - Longitude or UTM Coordinates of Facility 349,700E; 3,874,950 NAD 83, Zone 13
9. Facility Contact and Title Dan Fisher - Vice President of Engineering 10. Phone (505) 831-7311 11. E-mail Dan@alb-asphalt.com

General Operation Information (if any further information request does not pertain to your facility, write N/A on the line or in the box)

1. Facility Type (description of your facility operations) Hot Mix Asphalt Plant
2. Standard Industrial Classification (SIC 4 digit #) 2951
3. North American Industry Classification System (NAICS Code #) 324121
4. Is facility currently operating in Bernalillo County. YES If yes, date of original construction 01/23/2019
If no, planned startup is ___/___/___
5. Is facility permanent YES If no, give dates for requested temporary operation - from ___/___/___ through ___/___/___
6. Is facility process equipment new No If no, give actual or estimated manufacture or installation dates in the Process Equipment Table.
7. Is application for a modification, expansion, or reconstruction (altering process, or adding, or replacing process equipment, etc.) to an existing facility which will result in a change in emissions YES. If yes, give the manufacture date of modified, added, or replacement equipment in the Process Equipment Table modification date column, or the operation changes to existing process/equipment which cause an emission increase.

8. Is facility operation (circle one) [Continuous **Intermittent** Batch]
9. Estimated % of production Jan-Mar 21% Apr-Jun 28% Jul-Sep 30% Oct-Dec 21%
10. Current or requested operating times of facility 24 hrs/day 7 days/wk 4 wks/mo February – November
 Current or requested operating times of facility daylight hrs/day 7 days/wk 4 wks/mo December – January
Annual hours per year = 4963
11. Business hrs _____ am _____ am
 _____ pm to _____ pm
12. Will there be special or seasonal operating times other than shown above YES If yes, explain: The hourly throughput for the HMA plant will be 400 tons per hour; 900,000 tons per year; with a maximum daily throughput of 7200 tons per day (equivalent to operating 18 hours at maximum hourly throughput) for the months of June through August; a maximum daily throughput of 4000 tons per day (equivalent to operating 10 hours at maximum hourly throughput) for the months of November, December, and January; a maximum daily throughput of 4400 tons per day (equivalent to operating 11 hours at maximum hourly throughput) for the months of February, March, September, and October; and a maximum daily throughput of 5600 tons per day (equivalent to operating 14 hours at maximum hourly throughput) for the months of April and May. For the RAP/Concrete Plant the hourly throughput for the RAP/Concrete plant will be limited at 200 tons per hour and the annual throughput will be limited to 748,800 tons per year. Hours of operation for the RAP/Concrete Plant will be from 8 AM to 5 PM in winter months, from 7 AM to 5 PM in spring months, from 7 AM to 7 PM in summer hours, and from 7 AM to 5 PM in fall months.
13. Raw materials processed Aggregate, mineral filler, recycled asphalt material, asphalt cement
14. Saleable item(s) produced Asphalt concrete
15. Permitting Action Being Requested

New Permit Permit Modification Technical Permit Revision Administrative Permit Revision
 Current Permit #: 3291-M1 Current Permit #: _____ Current Permit #: _____

**Application for Air Pollutant Sources in Bernalillo County
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PROCESS EQUIPMENT TABLE

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.) Match the Process Equipment Units listed on this Table to the same numbered line if also listed on Emissions & Stack Table (page 6).

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
1. HMA Cold Aggregate/RAP Storage Piles	NA	NA	NA	NA	01/23/2019	NA	370 ton/hr. 832,500 ton/yr	NA
2. HMA Cold Aggregate Feed Bins(5)	Astec	1014-5	17-098-319740-1-1	2017	01/23/2019	NA	230 ton/hr. 517,500 ton/yr	NA
3. HMA Cold Aggregate Feed Bin Conveyor	Astec	PSS-412-60	17-098-319740-2-1	2017	01/23/2019	NA	230 ton/hr. 517,500 ton/yr	NA
4. HMA Scalping Screen	Telsmith	4x12 SDVK	S0199	2017	01/23/2019	NA	230 ton/hr. 517,500 ton/yr	NA
5. HMA Scalping Screen Conveyor	Astec	PSS-412-60	17-098-319740-2-1	2017	01/23/2019	NA	230 ton/hr. 517,500 ton/yr	NA
6. HMA Pug Mill	Astec	PLM-T400-60	17-098-319740-3-1	2017	01/23/2019	NA	236 ton/hr. 531,000 ton/yr	NA
7. HMA Scale Conveyor	Astec	PSS-462-60	17-098-098-319740-2-1	2017	01/23/2019	NA	236 ton/hr. 531,000 ton/yr	NA
8. HMA Slinger Conveyor	Astec	PLM-T400-60	17-098-319740-3-1	2017	01/23/2019	NA	236 ton/hr. 531,000 ton/yr	NA
9. HMA RAP Bins (2)	Astec	RB-1014-2	17-098-319740-18-1	2017	01/23/2019	NA	140 ton/hr. 315,000 ton/yr	NA
10. HMA RAP Bin Conveyor	Astec	RB-1014-2	17-098-319740-18-1	2017	01/23/2019	NA	140 ton/hr. 315,000 ton/yr	NA
11. HMA RAP Screen	Telsmith	4x8 SDVK	SO200	2017	01/23/2019	NA	140 ton/hr. 315,000 ton/yr	NA
12. HMA RAP Transfer Conveyor	Astec	SS-48-50	17-098-319740-19-1	2017	01/23/2019	NA	140 ton/hr. 315,000 ton/yr	NA
13. HMA RAP Transfer Conveyor	Astec	RIC-3025	17-098-319740-36-1	2017	01/23/2019	NA	140 ton/hr. 315,000 ton/yr	NA
14. HMA Mineral Filler Silo w/ Baghouse and Auger	Astec	DA650C	11-037	2017	01/23/2019	NA	6 ton/hr. 13,500 ton/yr	NA
15. HMA Drum Dryer/Mixer	Astec	PDM-9638	17-098-319740-5-1	2017	01/23/2019	NA	400 ton/hr 900,000 ton/yr	Fuel Oil, Natural Gas, or Propane
15. HMA Drum Dryer/Mixer Baghouse	Astec	PEBH-70-24	17-098-319740	2017	01/23/2019	NA	69,685 ACFM	NA
16. HMA Asphalt Incline Conveyor	Astec	SEB-10036 PC-3684-1	245832-1-1 17-098-319740-24-1	2017	01/23/2019	01/23/2019	400 ton/hr 900,000 ton/yr	NA
17. HMA Asphalt Silos (6)	Astec	KGW-200	C17-081 C17-082	2017	01/23/2019	01/23/2019	400 ton/hr 900,000 ton/yr	NA

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) Throughput for cold aggregate, RAP, and mineral filler processing equipment is based on an asphalt concrete mix ratio of 57.5% aggregate / 35% RAP / 1.5% mineral filler. This ratio will change with different asphalt concrete mixes and is not a requested limit on throughput of cold aggregate, RAP, or mineral filler.

Submit information for each unit as an attachment

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

PROCESS EQUIPMENT TABLE

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20. HMA Asphalt Heater	CEI	CHT-350P-SP	C17-083	2017	01/23/2019	NA	2.5 MMBtu/hr 21,900 MMBtu/yr	Low Sulfur Diesel or NG/Propane
21. HMA Asphalt Cement Storage Tanks (2)	CEI	CTA-30DP	C17-085	2017	01/23/2019	NA	5206 gal/hr. 11,713,666 gal/yr	NA
22. Haul Road Traffic	NA	NA	NA	NA	01/23/2019	01/23/2019	32 trucks/hr 72,312 trucks/yr	NA
23. HMA Yard	NA	NA	NA	NA	01/23/2019	NA	400 ton/hr 900,000 ton/yr	NA
24. Raw RAP/Concrete Storage Piles	NA	NA	NA	NA	01/23/2019	NA	200 ton/hr. 748,800 ton/yr	NA
25. RAP/Concrete Crusher Plant Feeder	One of four Crusher Plant Terex Lippmann KPI Kleemann Astec	Terex 4242 SR Lippmann 4800 Impact 526 Screen KPI FT4250CC Kleemann MR 110Z/110 Astec 3600 Prosizer	Terex 420140CCSR Lippmann TBD KPI TBD Kleemann TBD Astec TBD	Terex 2005 Lippmann TBD KPI 2017 Kleemann TBD Astec TBD	Terex TBD Lippmann TBD KPI TBD Kleemann TBD Astec TBD	Terex TBD Lippmann TBD KPI TBD Kleemann TBD Astec TBD	200 ton/hr. 748,800 ton/yr	NA
26. RAP/Concrete Crusher Plant Primary Crusher							200 ton/hr. 748,800 ton/yr	NA
27. RAP/Concrete Crusher Plant Crusher Conveyor							200 ton/hr. 748,800 ton/yr	NA
28. RAP/Concrete Crusher Plant Screen Conveyor							200 ton/hr. 748,800 ton/yr	NA
29. RAP/Concrete Crusher Plant Transfer Chute							200 ton/hr. 748,800 ton/yr	NA
30. RAP/Concrete Crusher Plant Screen							320 ton/hr. 1,198,080 ton/yr	NA
31. RAP/Concrete Crusher Plant Secondary Crusher							120 ton/hr. 449,280 ton/yr	NA
32. RAP/Concrete Crusher Plant Transfer Conveyor							120 ton/hr. 449,280 ton/yr	NA
33. RAP/Concrete Crusher Plant Transfer Conveyor							120 ton/hr. 449,280 ton/yr	NA
34. RAP/Concrete Crusher Plant Transfer Conveyor							200 ton/hr. 748,800 ton/yr	NA
35. RAP/Concrete Crusher Plant Transfer Conveyor							200 ton/hr. 748,800 ton/yr	NA
36. RAP/Concrete Crusher Plant Stacker Conveyor							200 ton/hr. 748,800 ton/yr	NA
37. RAP/Concrete Crusher Plant Finish Pile							200 ton/hr. 748,800 ton/yr	NA
38. RAP/Concrete Crusher Plant Main Generator	CAT (Present)	3412CDITA	81Z18858	12/14/1995	TBD	TBD	Max Rating 817 hp	Low Sulfur Diesel
	CAT (Terex)	C-9	390863UHRC91	12/12/2004	TBD	TBD		
	CAT (Lippmann)	C-13	TBD	TBD	TBD	TBD		
	CAT (KPI)	C-13	N3F02460	07/13/2017	TBD	TBD		
	Scania (Kleemann)	CV AB	TBD	2016 or 17	TBD	TBD		

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) The RAP/Concrete plant throughput is based on 200 tons per hour input to the feeders. The RAP/concrete plant will have two (2) feeders, but the total hourly input to the plant will still be limited to 200 tons per hour. The process throughput to the secondary crusher and downstream conveyors from the crusher is 60 percent of the RAP plant throughput or 180 tons per hour.

TABLE EXEMPTED SOURCES AND EXEMPTED ACTIVITIES

(Generator-Crusher-Screen-Conveyor-Boiler-Mixer-Spray Guns-Saws-Sander-Oven-Dryer-Furnace-Incinerator, etc.) Match the Process Equipment Units listed on this Table to the same numbered line if also listed on Emissions & Stack Table (page 6).

Process Equipment Unit	Manufacturer	Model #	Serial #	Manufacture Date	Installation Date	Modification Date	Size or Process Rate (Hp;kW;Btu;ft ³ ;lbs; tons;yd ³ ;etc.)	Fuel Type
1. NA							HR. YR.	
2.							HR. YR.	
3.							HR. YR.	
4.							HR. YR.	
5.							HR. YR.	
6.							HR. YR.	
7.							HR. YR.	
8.							HR. YR.	
9.							HR. YR.	
10.							HR. YR.	
11.							HR. YR.	
12.							HR. YR.	
13.							HR. YR.	
14.							HR. YR.	
15.							HR. YR.	

1. Basis for Equipment Size or Process Rate (Manufacturers data, Field Observation/Test, etc.) _____
 Submit information for each unit as an attachment

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
1. HMA Cold Aggregate/RAP Storage Pile	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.75 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed
	1a. tons/yr	tons/yr	tons/yr	tons/yr	7.65 tons/yr	
2. HMA Cold Aggregate Feed Bin Loading	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.09 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed
	2a. tons/yr	tons/yr	tons/yr	tons/yr	4.76 tons/yr	
3. HMA Cold Aggregate Feed Bin Unloading	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.69 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	3a. tons/yr	tons/yr	tons/yr	tons/yr	3.02 tons/yr	
4. HMA Scalping Screen	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	5.75 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	4a. tons/yr	tons/yr	tons/yr	tons/yr	25.19 tons/yr	
5. HMA Scalping Screen Unloading to Scalping Screen Conveyor	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.69 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	5a. tons/yr	tons/yr	tons/yr	tons/yr	3.02 tons/yr	
6. HMA Pug Mill	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	6a. tons/yr	tons/yr	tons/yr	tons/yr	3.10 tons/yr	
7. HMA Pug Mill Unload to Scale Conveyor	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	7a. tons/yr	tons/yr	tons/yr	tons/yr	3.10 tons/yr	
8. HMA Scale Conveyor to Slinger Conveyor	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.71 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	8a. tons/yr	tons/yr	tons/yr	tons/yr	3.10 tons/yr	
9. HMA RAP Bin Loading	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.20 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed plus inherent control of 70% from EPA EIIP Volume II, Chapter 3
	9a. tons/yr	tons/yr	tons/yr	tons/yr	0.87 tons/yr	
10. HMA RAP Bin Unloading to RAP Bin Conveyor	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	10a. tons/yr	tons/yr	tons/yr	tons/yr	1.84 tons/yr	
Totals of Uncontrolled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	12.7 lbs/hr	
	tons/yr	tons/yr	tons/yr	tons/yr	55.6 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (≤) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
11a. HMA RAP Screen	11a. lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.50 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	11aa. tons/yr	tons/yr	tons/yr	tons/yr	15.3 tons/yr	
11b. HMA RAP Screen Unloading to RAP Transfer Conveyor	11b. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	11ba. tons/yr	tons/yr	tons/yr	tons/yr	1.84 tons/yr	
12. HMA RAP Transfer Conveyor to RAP Transfer Conveyor	12. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	12a. tons/yr	tons/yr	tons/yr	tons/yr	1.84 tons/yr	
13. HMA RAP Transfer Conveyor to Drum Mixer	13. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.42 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	13a. tons/yr	tons/yr	tons/yr	tons/yr	1.84 tons/yr	
14. HMA Mineral Filler Silo Loading	14. lbs/hr	lbs/hr	lbs/hr	lbs/hr	18.0 lbs/hr	AP-42 Section 11.12 "Concrete Batching" Table 11.12-2 "Cement Unloading to Elevated Storage Silo"
	14a. tons/yr	tons/yr	tons/yr	tons/yr	18.9 tons/yr	
15. HMA Drum Mixer/Dryer	15. 52.0 lbs/hr	22.0 lbs/hr	12.8 lbs/hr	23.2 lbs/hr	11200 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-3, -4, -7, -8
	15a. 227.8 tons/yr	96.4 tons/yr	56.1 tons/yr	101.6 tons/yr	49056 tons/yr	
16. HMA Drum Mixer Unloading to Asphalt Incline Conveyor	16. 0.47 lbs/hr	lbs/hr	4.9 lbs/hr	lbs/hr	0.23 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-14 plus inclusion of "Blue Smoke" recirculation system
	16a. 2.1 tons/yr	tons/yr	21.4 tons/yr	tons/yr	1.03 tons/yr	
17. HMA Asphalt Silo Unloading to Trucks	17. 0.17 lbs/hr	lbs/hr	0.54 lbs/hr	lbs/hr	0.12 lbs/hr	AP-42 Section 11.1 "Hot Mix Asphalt Plants" Table 11.1-14
	17a. 0.76 tons/yr	tons/yr	2.35 tons/yr	tons/yr	0.51 tons/yr	
20. HMA Asphalt Heater	20. 0.20 lbs/hr	0.39 lbs/hr	0.027 lbs/hr	0.14 lbs/hr	0.039 lbs/hr	AP-42 1.3 (9/98) "Diesel" or AP-42 1.5 (7/08) "Natural Gas/Propane"
	20a. 0.90 tons/yr	1.7 tons/yr	0.12 tons/yr	0.61 tons/yr	0.17 tons/yr	
21. HMA Asphalt Cement Storage Tanks	21. lbs/hr	lbs/hr	0.037 lbs/hr	lbs/hr	lbs/hr	TANKS 4.0.9d
	21a. tons/yr	tons/yr	0.16 tons/yr	tons/yr	tons/yr	
22. Haul Road Traffic	22. lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.71 lbs/hr	AP-42 13.2.1 "Paved Road" (01/11)
	22a. tons/yr	tons/yr	tons/yr	tons/yr	4.00 tons/yr	
Totals of Uncontrolled Emissions (11 - 22)	52.8 lbs/hr	22.4 lbs/hr	18.3 lbs/hr	23.3 lbs/hr	11227 lbs/hr	
	231.6 tons/yr	98.1 tons/yr	80.1 tons/yr	102.2 tons/yr	49101 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

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23. HMA Yard	23. 0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	lbs/hr	AP-42 Section 11.1.2.5
	23a. 0.62 tons/yr	tons/yr	1.9 tons/yr	tons/yr	tons/yr	
24. Raw RAP/Concrete Storage Piles	24. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.94 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed.
	24a. tons/yr	tons/yr	tons/yr	tons/yr	4.13 tons/yr	
25. RAP/Concrete Crusher Plant Feeder Loading	25. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.94 lbs/hr	AP-42 Section 13.2.4 "Aggregate Handling" 2% moisture content and 8.5 MPH wind speed.
	25a. tons/yr	tons/yr	tons/yr	tons/yr	4.13 tons/yr	
26. RAP/Concrete Crusher Plant Primary Crusher	26. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.08 lbs/hr	AP-42 Table 11.19.2-2 "Tertiary Crushing Uncontrolled"
	26a. tons/yr	tons/yr	tons/yr	tons/yr	4.73 tons/yr	
27. RAP/Concrete Crusher Plant Crusher to Crusher Conveyor	27. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.60 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	27a. tons/yr	tons/yr	tons/yr	tons/yr	2.63 tons/yr	
28. RAP/Concrete Crusher Plant Crusher Conveyor to Screen Conveyor	28. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.60 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	28a. tons/yr	tons/yr	tons/yr	tons/yr	2.63 tons/yr	
29. RAP/Concrete Crusher Plant Transfer Chute	29. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.36 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	29a. tons/yr	tons/yr	tons/yr	tons/yr	1.58 tons/yr	
30. RAP/Concrete Crusher Plant Screen	30. lbs/hr	lbs/hr	lbs/hr	lbs/hr	8.0 lbs/hr	AP-42 Table 11.19.2-2 "Screening Uncontrolled"
	30a. tons/yr	tons/yr	tons/yr	tons/yr	35.0 tons/yr	
31. RAP/Concrete Crusher Plant Secondary Crusher	31. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.65 lbs/hr	AP-42 Table 11.19.2-2 "Tertiary Crushing Uncontrolled"
	31a. tons/yr	tons/yr	tons/yr	tons/yr	2.84 tons/yr	
32. RAP/Concrete Crusher Plant Screen to Transfer Conveyor (Recycle)	32. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.36 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	32a. tons/yr	tons/yr	tons/yr	tons/yr	1.58 tons/yr	
33. RAP/Concrete Crusher Plant Transfer Conveyor to Transfer Conveyor (Recycle)	33. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.36 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	33a. tons/yr	tons/yr	tons/yr	tons/yr	1.58 tons/yr	
34. RAP/Concrete Crusher Plant Screen to Screen Conveyor	34. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.60 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	34a. tons/yr	tons/yr	tons/yr	tons/yr	2.63 tons/yr	
Totals of Uncontrolled Emissions (23 - 34)	0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	14.5 lbs/hr	
	0.62 tons/yr	tons/yr	1.9 tons/yr	tons/yr	63.5 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (≤) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

UNCONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Process potential under physical/operational limitations during a 24 hr/day and 365 day/year = 8,760 hrs)

Process Equipment Unit*	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Method(s) used for Determination of Emissions (AP-42, Material balance, field tests, manufacturers data, etc.)
35. RAP/Concrete Crusher Plant Screen Conveyor to Transfer Conveyor	35. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.60 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	35a. tons/yr	tons/yr	tons/yr	tons/yr	2.63 tons/yr	
36. RAP/Concrete Crusher Plant Transfer Conveyor to Stacker Conveyor	36. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.60 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	36a. tons/yr	tons/yr	tons/yr	tons/yr	2.63 tons/yr	
37. RAP/Concrete Crusher Plant Stacker Conveyor to Finish Pile	37. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.94 lbs/hr	AP-42 Table 11.19.2-2 "Conveyor Transfer Point Uncontrolled"
	37a. tons/yr	tons/yr	tons/yr	tons/yr	4.13 tons/yr	
38. RAP/Concrete Crusher Plant Main Generator	38. 2.20 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	0.85 lbs/hr	Maximum Manufacturer Emission Limits – NOx, CO, VOC, PM SO2 – Mass Balance
	38a. 9.64 tons/yr	60.0 tons/yr	1.18 tons/yr	1.23 tons/yr	3.72 tons/yr	
Totals of Uncontrolled Emissions (35 - 38)	2.20 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	3.0 lbs/hr	
	9.64 tons/yr	60.0 tons/yr	1.18 tons/yr	1.23 tons/yr	13.1 tons/yr	
Totals of Uncontrolled Emissions (1 - 38)	55.1 lbs/hr	36.1 lbs/hr	19.0 lbs/hr	23.6 lbs/hr	11257 lbs/hr	
	241.9 tons/yr	158.1 tons/yr	83.2 tons/yr	103.4 tons/yr	49234 tons/yr	

* If any one (1) of these process units, or combination of units, has an uncontrolled emission greater than (>) 10 lbs/hr or 25 tons/yr for any of the above pollutants (based on 8760 hrs of operation), then a permit will be required. Complete this application along with additional checklist information requested on accompanying instruction sheet. Copy this Table if additional space is needed (begin numbering with 11., 12., etc.)

* If all of these process units, individually and in combination, have an uncontrolled emission less than or equal to (\leq) 10 lbs/hr or 25 tons/yr for all of the above pollutants (based on 8760 hrs of operation), but > 1 ton/yr for any of the above pollutants - then a source registration is required.

If your facility does not require a registration or permit, based on above emissions, complete the remainder of this application to determine if a registration or permit would be required for Toxic or Hazardous air pollutants used at your facility.

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
1. HMA Cold Aggregate/RAP Storage Pile	1. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.7 lbs/hr	N/A	N/A
	1a. tons/yr	tons/yr	tons/yr	tons/yr	2.0 tons/yr		
2. HMA Cold Aggregate Feed Bin Loading	2. lbs/hr	lbs/hr	lbs/hr	lbs/hr	1.1 lbs/hr	N/A	N/A
	2a. tons/yr	tons/yr	tons/yr	tons/yr	1.2 tons/yr		
3. HMA Cold Aggregate Feed Bin Unloading	3. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	3a. tons/yr	tons/yr	tons/yr	tons/yr	0.04 tons/yr		
4. HMA Scalping Screen	4. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.51 lbs/hr	Water spray or Moisture Content	91.20%
	4a. tons/yr	tons/yr	tons/yr	tons/yr	0.57 tons/yr		
5. HMA Scalping Screen Unloading to Scalping Screen Conveyor	5. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	5a. tons/yr	tons/yr	tons/yr	tons/yr	0.04 tons/yr		
6. HMA Pug Mill	6. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	6a. tons/yr	tons/yr	tons/yr	tons/yr	0.04 tons/yr		
7. HMA Pug Mill Unload to Scale Conveyor	7. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	7a. tons/yr	tons/yr	tons/yr	tons/yr	0.04 tons/yr		
8. HMA Scale Conveyor to Slinger Conveyor	8. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	8a. tons/yr	tons/yr	tons/yr	tons/yr	0.04 tons/yr		
9. HMA RAP Bin Loading	9. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.20 lbs/hr	N/A	N/A
	9a. tons/yr	tons/yr	tons/yr	tons/yr	0.22 tons/yr		
10. HMA RAP Bin Unloading to RAP Bin Conveyor	10. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	10a. tons/yr	tons/yr	tons/yr	tons/yr	0.02 tons/yr		
Totals of Controlled Emissions (1 - 10)	lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.68 lbs/hr		
	tons/yr	tons/yr	tons/yr	tons/yr	4.21 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)
Control efficiency based on AP-42 emission factors [1-(controlled/uncontrolled)]
 Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
11a. HMA RAP Screen	11a. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.31 lbs/hr	Water spray or Moisture Content	91.20%
	11aa. tons/yr	tons/yr	tons/yr	tons/yr	0.35 tons/yr		
11b. HMA RAP Screen Unloading to RAP Transfer Conveyor	11b. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	11ba. tons/yr	tons/yr	tons/yr	tons/yr	0.02 tons/yr		
12. HMA RAP Transfer Conveyor to RAP Transfer Conveyor	12. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	12a. tons/yr	tons/yr	tons/yr	tons/yr	0.02 tons/yr		
13. HMA RAP Transfer Conveyor to Drum Mixer	13. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	13a. tons/yr	tons/yr	tons/yr	tons/yr	0.02 tons/yr		
14. HMA Mineral Filler Silo Loading	14. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.18 lbs/hr	Baghouse	99%
	14a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
15. HMA Drum Mixer/Dryer	15. 52 lbs/hr	22 lbs/hr	13 lbs/hr	23 lbs/hr	13 lbs/hr	Baghouse	99.88%
	15a. 59 tons/yr	25 tons/yr	14 tons/yr	26 tons/yr	15 tons/yr		
16. HMA Drum Mixer Unloading to Asphalt Incline Conveyor	16. 0.19 lbs/hr	lbs/hr	1.95 lbs/hr	lbs/hr	0.094 lbs/hr	Recirculation of asphalt fumes/PM (Blue Smoke) back to drum dryer	60%
	16a. 0.21 tons/yr	tons/yr	2.19 tons/yr	tons/yr	0.11 tons/yr		
17. HMA Asphalt Silo Unloading to Trucks	17. 0.17 lbs/hr	lbs/hr	0.54 lbs/hr	lbs/hr	0.12 lbs/hr	N/A	N/A
	17a. 0.20 tons/yr	tons/yr	0.60 tons/yr	tons/yr	0.13 tons/yr		
20. HMA Asphalt Heater	20. 0.20 lbs/hr	0.39 lbs/hr	0.03 lbs/hr	0.14 lbs/hr	0.04 lbs/hr	N/A	N/A
	20a. 0.90 tons/yr	1.71 tons/yr	0.12 tons/yr	0.61 tons/yr	0.17 tons/yr		
21. HMA Asphalt Cement Storage Tanks	21. lbs/hr	lbs/hr	0.04 lbs/hr	lbs/hr	lbs/hr	N/A	N/A
	21a. tons/yr	tons/yr	0.16 tons/yr	tons/yr	tons/yr		
22. Haul Road Traffic	22. lbs/hr	lbs/hr	lbs/hr	lbs/hr	3.7 lbs/hr	Paved - None	N/A
	22a. tons/yr	tons/yr	tons/yr	tons/yr	4.0 tons/yr		
Totals of Controlled Emissions (11 - 22)	52.7 lbs/hr	22.4 lbs/hr	15.6 lbs/hr	23.1 lbs/hr	17.5 lbs/hr		
	60.5 tons/yr	26.7 tons/yr	17.1 tons/yr	26.6 tons/yr	19.9 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)
Unit 14 – % control efficiency is conservative estimate for silo baghouse filter; Unit 15 – % control efficiency is controlled/uncontrolled emission factors from AP-42 Section 11.1. Unit 22 “Unpaved Roads” – New Mexico Environmental Department – Air Quality Bureau default control efficiency for surfactants or equivalent.
 Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
23. HMA Yard	23. 0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	lbs/hr	N/A	N/A
	23a. 0.16 tons/yr	tons/yr	0.50 tons/yr	tons/yr	tons/yr		
24. Raw RAP/Concrete Storage Piles	24. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.94 lbs/hr	N/A	N/A
	24a. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr		
25. RAP/Concrete Crusher Plant Feeder Loading	25. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.94 lbs/hr	N/A	N/A
	25a. tons/yr	tons/yr	tons/yr	tons/yr	1.8 tons/yr		
26. RAP/Concrete Crusher Plant Primary Crusher	26. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.24 lbs/hr	Water spray or Moisture Content	88.33%
	26a. tons/yr	tons/yr	tons/yr	tons/yr	0.45 tons/yr		
27. RAP/Concrete Crusher Plant Crusher to Crusher Conveyor	27. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	27a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
28. RAP/Concrete Crusher Plant Crusher Conveyor to Screen Conveyor	28. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	28a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
29. RAP/Concrete Crusher Plant Transfer Chute	29. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	29a. tons/yr	tons/yr	tons/yr	tons/yr	0.03 tons/yr		
30. RAP/Concrete Crusher Plant Screen	30. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.70 lbs/hr	Water spray or Moisture Content	91.20%
	30a. tons/yr	tons/yr	tons/yr	tons/yr	1.3 tons/yr		
31. RAP/Concrete Crusher Plant Secondary Crusher	31. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.14 lbs/hr	Water spray or Moisture Content	88.33%
	31a. tons/yr	tons/yr	tons/yr	tons/yr	0.27 tons/yr		
32. RAP/Concrete Crusher Plant Screen to Transfer Conveyor (Recycle)	32. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	32a. tons/yr	tons/yr	tons/yr	tons/yr	0.03 tons/yr		
33. RAP/Concrete Crusher Plant Transfer Conveyor to Transfer Conveyor (Recycle)	33. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.02 lbs/hr	Water spray or Moisture Content	95.33%
	33a. tons/yr	tons/yr	tons/yr	tons/yr	0.03 tons/yr		
34. RAP/Concrete Crusher Plant Screen to Screen Conveyor	34. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	34a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
Totals of Controlled Emissions (23 - 34)	0.14 lbs/hr	lbs/hr	0.44 lbs/hr	lbs/hr	3.11 lbs/hr		
	0.16 tons/yr	tons/yr	0.50 tons/yr	tons/yr	5.86 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)

Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

CONTROLLED EMISSIONS OF INDIVIDUAL AND COMBINED PROCESSES

(Based on current operations with emission controls OR requested operations with emission controls)

Process Equipment Units listed on this Table should match up to the same numbered line and Unit as listed on Uncontrolled Table (pg. 3)

Process Equipment Unit	Carbon Monoxide (CO)	Oxides of Nitrogen (NOx)	Nonmethane Hydrocarbons NMHC (VOC's)	Oxides of Sulfur (SOx)	Total Suspended Particulate Matter (TSP)	Control Method	% Efficiency
35. RAP/Concrete Crusher Plant Screen Conveyor to Transfer Conveyor	35. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	35a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
36. RAP/Concrete Crusher Plant Transfer Conveyor to Stacker Conveyor	36. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.03 lbs/hr	Water spray or Moisture Content	95.33%
	36a. tons/yr	tons/yr	tons/yr	tons/yr	0.05 tons/yr		
37. RAP/Concrete Crusher Plant Stacker Conveyor to Finish Pile	37. lbs/hr	lbs/hr	lbs/hr	lbs/hr	0.57 lbs/hr	Water spray or Moisture Content	40%
	37a. tons/yr	tons/yr	tons/yr	tons/yr	1.1 tons/yr		
38. RAP/Concrete Crusher Plant Main Generator	38. 2.2 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	0.85 lbs/hr	N/A	N/A
	38a. 4.1 tons/yr	26.0 tons/yr	0.51 tons/yr	0.52 tons/yr	1.6 tons/yr		
Totals of Controlled Emissions (35 - 38)	2.2 lbs/hr	13.7 lbs/hr	0.27 lbs/hr	0.28 lbs/hr	1.48 lbs/hr		
	4.1 tons/yr	26.0 tons/yr	0.51 tons/yr	0.52 tons/yr	2.8 tons/yr		
Totals of Controlled Emissions (1 - 38)	54.9 lbs/hr	36.1 lbs/hr	16.1 lbs/hr	23.4 lbs/hr	25.8 lbs/hr		
	64.6 tons/yr	52.7 tons/yr	18.5 tons/yr	27.1 tons/yr	32.8 tons/yr		

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.)

Unit 37 – % control efficiency based on increasing the moisture content of the raw material based on the NMED default of 2% to a moisture content of 2.88% during processing through the RAP/Concrete plant.

Submit information for each unit as an attachment

2. Explain and give estimated amounts of any Fugitive Emission associated with facility processes

NOTE: Copy this table if additional space is needed (begin numbering with 16., 17., etc.)

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

****TOXIC EMISSIONS****

VOLATILE, HAZARDOUS, & VOLATILE HAZARDOUS AIR POLLUTANT EMISSION TABLE

Product Categories (Coatings, Solvents, Thinners, etc.)	Volatile Organic Compound (VOC), Hazardous Air Pollutant (HAP), or Volatile Hazardous Air Pollutant (VHAP) Primary To The Representative As Purchased Product	Chemical Abstract Service Number (CAS) Of VOC, HAP, Or VHAP From Representative As Purchased Product	VOC, HAP, Or VHAP Concentration Of Representative As Purchased Product (pounds/gallon, or %)	1. How were Concentrations Determined (CPDS, MSDS, etc.)	Total Product Purchases For Category		Quantity Of Product Recovered & Disposed For Category		Total Product Usage For Category
					lbs/yr	gal/yr	(-)	(=)	
I. NA	NA	NA	NA	NA	lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
II.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
III.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
IV.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
V.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
VI.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
VII.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
VIII.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
IX.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
X.					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr
TOTAL >>>>>>>					lbs/yr	gal/yr	(-)	lbs/yr	gal/yr

1. Basis for percent (%) determinations (Certified Product Data Sheets, Material Safety Data Sheets, etc.). Submit, as an attachment, information on one (1) product from each Category listed above which best represents the average of all the products purchased in that Category. Copy this Table if additional space is needed (begin numbering with XI., XII., etc.)

****NOTE: A REGISTRATION IS REQUIRED, AT MINIMUM, FOR ANY AMOUNT OF HAP OR VHAP EMISSION. A PERMIT MAY BE REQUIRED FOR THESE EMISSIONS, DETERMINED ON A CASE-BY-CASE EVALUATION.**

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

MATERIAL AND FUEL STORAGE TABLE

(Tanks, barrels, silos, stockpiles, etc.) Copy this table if additional space is needed (begin numbering with 6., 7., etc.)

Storage Equipment	Product Stored	Capacity (bbls - tons gal - acres, etc)	Above or Below Ground	Construction (welded, riveted) & Color	Install Date	Loading Rate	Offloading Rate	True Vapor Pressure	Control Equipment	Seal Type	% Eff.
T1.	Hot oil Asphalt Cement	30,000 gal.	Above	Welded - Silver	TBD	5000 gal 5,856,833 gal /YR	2603 gal/HR 5,856,833 gal /YR.	0.0050 Psia	NA	NA	NA
T2.	Hot oil Asphalt Cement	30,000 gal.	Above	Welded - Silver	TBD	5000 gal 5,856,833 gal /YR	2603 gal/HR 5,856,833 gal /YR.	0.0050 Psia	NA	NA	NA
T3.	Burner Fuel Oil	10,000 gal.	Above	Welded - White	TBD	3000 gal 405,000 gal/YR	360 gal/HR 405,000 gal/ YR	0.00089 Psia	NA	NA	NA
T4.	Burner Fuel Oil	10,000 gal.	Above	Welded - White	TBD	3000 gal 405,000 gal/YR	360 gal/HR 405,000 gal/ YR	0.00089 Psia	NA	NA	NA
T5.	Diesel Fuel	10,000 gal.	Above	Welded - White	TBD	3000 gal 320,580 gal/ YR	59.5 gal/HR 320,580 gal/ YR	0.00089 Psia	NA	NA	NA
1.	Cold Aggregate/RAP/Concrete Storage Piles	2.5 Acres	Above	NA	TBD	430 tons/HR 1,266,300 ton/ YR	430 tons/HR 1,266,300 ton/ YR	NA	NA	NA	NA

1. Basis for Loading/Offloading Rate (Manufacturers data, Field Observation/Test, etc.) Submit information for each unit as an attachment
Delivery truck capacity for asphalt cement and fuel deliveries

2. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test, AP-42, etc.) Submit information for each unit as an attachment
No controls for storage equipment

**Application for Air Pollutant Sources in Bernalillo County
Source Registration (20.11.40 NMAC) and Construction Permits (20.11.41 NMAC)**

STACK AND EMISSION MEASUREMENT TABLE

If any equipment from the Process Equipment Table (Page 2) is also listed in this Stack Table, use the same numbered line for the Process Equipment unit on both Tables to show the association between the Process Equipment and its Stack. Copy this table if additional space is needed (begin numbering with 6., 7., etc.).

Process Equipment	Pollutant (CO,NOx,TSP, Toluene,etc)	Control Equipment	Control Efficiency	Stack Height & Diameter in feet	Stack Temp.	Stack Velocity & Exit Direction	Emission Measurement Equipment Type	Range-Sensitivity-Accuracy-
14. Mineral Filler Silo Baghouse	PM	Baghouse	99%	30 ft / 6 in	Ambient	42 fps / Horizontal	NA	NA
15. Drum Mixer Baghouse	CO, NOx, SO2, VOC, PM	Baghouse	99.88%	30 ft / 4.23 ft	200° F	82.5 fps / Vertical	NA	NA
20. HMA Asphalt Heater	CO, NOx, SO2, VOC, PM	NA	NA	14 ft / 12 in	600° F	20.7 fps / Raincap	NA	NA
38. RAP/Concrete Plant Generator	CO, NOx, SO2, VOC, PM	NA	NA	15 ft / 8 in	892° F	220.9 fps / Vertical	NA	NA

1. Basis for Control Equipment % Efficiency (Manufacturers data, Field Observation/Test,AP-42, etc.) Submit information for each unit as an attachment Unit 14 – % control efficiency is conservative estimate for silo baghouse filter; Unit 15 – % control efficiency is controlled/uncontrolled emission factors from AP-42 Section 11.1

I, the undersigned, a responsible officer of the applicant company, certify that to the best of my knowledge, the information stated on this application, together with associated drawings, specifications, and other data, give a true and complete representation of the existing, modified existing, or planned new stationary source with respect to air pollution sources and control equipment. I also understand that any significant omissions, errors, or misrepresentations in these data will be cause for revocation of part or all of the resulting registration or permit.

Signed this _____ day of _____, 20 _____

Bob Wood
Print Name

President
Print Title

Signature