

AUTHORIZATION TO OPERATE (ATO) #6065
UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6210
For
Nonmetallic Material Handling Facilities
(Crushing & Screening, Hot Mix Asphalt and Concrete Batch Plants)



I. FACILITY INFORMATION:

Business Name: Vulcan Asphalt LLC
 Facility Name: Black Angus/Poorman
 Source Location: 6500 S. Old Spanish Trail, Tucson, AZ 85747

Permitted Emissions, tons/year:

Conventional or Criteria Air Pollutant					HAP(s) Totals	
PM ₁₀	NO _x	VOC	CO	SO ₂	Single HAP	Combined HAPS
90	90	90	90	90	10	25

Rolling 12-Month Throughput Limitations:

Crushing & Screening Plant: **1,900,000 TPY**
 Hot Mix Asphalt Plant: **1,330,000 TPY**
 Concrete Batch Plant: **760,000 CYY**

(These throughput limitations are calculated from the annual hours limitation identified in the facility's PTE)

Rupesh Patel, Air Permit Manager, PDEQ

ATO #6065	
Issue Date:	February 24, 2017
Revised:	N/A
Expiration Date:	February 23, 2022

AUTHORIZATION TO OPERATE (ATO) #6065
UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6210
For
Nonmetallic Material Handling Facilities
(Crushing & Screening, Hot Mix Asphalt and Concrete Batch Plants)



II. AUTHORIZED EQUIPMENT:

Equipment, operations, and activities for which emissions are allowed by the general permit are as follows:

Table 1: Section 3 of the Permit – NSPS for Nonmetallic Mineral Processing Plants Affected Facilities:

Source Equipment ID ¹	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	≥ 4/22/2008	Opacity Limit %
71558 S-1	Screen	Cedar Rapids	6' X 20'	34C309	500 TPH	2007	N	10
71560 S-3	Screen	Cedar Rapids	6' X 20'	S4420	350 TPH	2007	N	10
71506	RAP Scalping Screen	Simco	4' X 8'	S20182	350 TPH	1999	N	10
78492	RAP Crusher	HAZMAG	APEK 1006K	H41428	100 TPH	Pre-2008	N	15

¹ Specific equipment identified in the permit application as needing an ATO. All equipment listed in the permit application is subject to the provisions of this general permit.

Table 2: Section 4 of the Permit – Standards of Performance for Non-NSPS Gravel or Crushed Stone Processing Plants:

Source Equipment ID ¹	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	Opacity Limit %
73837 C-1	Jaw Crusher	Pioneer	30 X 42	U920	500 TPH	1967	20
70136 C-2	Crusher	El Jay	RC54 II	2BF1494	350 TPH	1994	20

¹ Specific equipment identified in the permit application as needing an ATO. All equipment listed in the permit application is subject to the provisions of this general permit.

Rupesh Patel, Air Permit Manager, PDEQ

ATO #6065	
Issue Date:	February 24, 2017
Revised:	N/A
Expiration Date:	February 23, 2022

AUTHORIZATION TO OPERATE (ATO) #6065
UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6210
For
Nonmetallic Material Handling Facilities
(Crushing & Screening, Hot Mix Asphalt and Concrete Batch Plants)



Table 3: Section 5 of the Permit – NSPS and Non-NSPS for Hot Mix Asphalt Plants:

Source Equipment ID ¹	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	Allowable Fuels	Opacity Limit %
78266	Dryer	Astec	7DDC-PORT	93-105-77	350 TPH	7/1993	On-Spec Used Oil	20
71539	Screen	Diester	Unknown	Unknown	400 TPH	Unknown	NA	20
78255	Asphalt Silo	CMI	C-200	102	200 Tons	1997	NA	20
78434	Asphalt Silo	Gencor	D-223	223-TL-150-177403	223 Tons	2003	NA	20
78247	Lime Silo	Astec	Unknown	Unknown	34 Tons	2000	NA	20
13327	Asphalt Heater	CEI	C 1500	C98-102	1.5 MMBTU	1999	LPG	20

¹ Specific equipment identified in the permit application as needing an ATO. All equipment listed in the permit application is subject to the provisions of this general permit.

Rupesh Patel, Air Permit Manager, PDEQ

ATO #6065	
Issue Date:	February 24, 2017
Revised:	N/A
Expiration Date:	February 23, 2022

AUTHORIZATION TO OPERATE (ATO) #6065
UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6210
For
Nonmetallic Material Handling Facilities
(Crushing & Screening, Hot Mix Asphalt and Concrete Batch Plants)



Table 4: Section 6 of the Permit – Standards of Performance for Concrete Batch Plants:

Source Equipment ID ¹	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	Allowable Fuel	Opacity Limit %
14	Concrete Batch Plant (Inclusive)	MTM	12YD	4743-2	200 CYH	2004	NA	20
3	Cement Silo	MTM	12YD	4743-3	800 BBL	2004	NA	20
4	Fly Ash Silo	MTM	12YD	4743-1	600 BBL	2004	NA	20
13	Water Heater	Sioux	Unknown	Unknown	2 MMBTU/HR	Unknown	Diesel	See Permit

¹ Specific equipment identified in the permit application as needing an ATO. All equipment listed in the permit application is subject to the provisions of this general permit.

Rupesh Patel, Air Permit Manager, PDEQ

ATO #6065	
Issue Date:	February 24, 2017
Revised:	N/A
Expiration Date:	February 23, 2022