

AUTHORIZATION TO OPERATE (ATO): #3216
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: Kalamazoo Materials, Inc.
 Facility Name: Silverbell Quarry
 Source Location: 25000 W Avra Valley Rd, Marana, AZ 85623

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: (Not Applicable – True Minor Source)

Rupesh Patel, Air Program Manager, PDEQ

ATO #3216	
Issue Date:	April 24, 2017
Revised:	January 27, 2020
Expiration Date:	April 23, 2022

AUTHORIZATION TO OPERATE (ATO): #3216
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 %
SB01-2	Jaw Crusher	Cedarapids	2236	3573	300 TPH	1989	N	15
SB04	3 Deck Screen	Cedarapids	6' X 16'	TRXV6163CDUHG2696	200 TPH	2017	Y	7
SB12	Vibratory Grizzly Feeder	Kimball	30' X 15'	70681	250 TPH	2000	N	10
SB-20	Portable Crushing & Screening Plant	EXTEC	4' X 8"	5511	75 TPH	1998	N	10

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 Program Manager, PDEQ

ATO #3216	
Issue Date:	April 24, 2017
Revised:	January 27, 2020
Expiration Date:	April 23, 2022

AUTHORIZATION TO OPERATE (ATO): #3216
UNDER PDEQ CLASS II GENERAL AIR QUALITY PERMIT 6210
For
Nonmetallic Material Handling Facilities
(Crushing & Screening, Hot Mix Asphalt and Concrete Batch Plants)



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 %
SB05	Cone Crusher	El Jay	54	23E3233	200 TPH	1981	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.

Section 7 of the Permit – Standards of Performance for Internal Combustion Engines:

Attachment D – NSPS for CI ICE (Non-Emergency Designated Engines):

Equip. No.	Description/ Location	MFR/ Model	Serial Number/ Unique ID	Maximum Rated Capacity	Date of MFR	Date Installed	Run Hour Limitation ¹	Allowable Fuels
SB11	Generator	Caterpillar/C32	LJW04350	801 HP	2008	3/21/2016	None	Diesel

¹ Permittee's must install non-resettable hour meters when choosing to monitor run hours, otherwise the Permittee shall monitor and keep records of the metered fuel purchased and fired in the unit.

Attachment D– Supplemental Requirements:

Equip. No.	Applicable NSPS Emission Standard	NO _x g/kw-hr (g/hp-hr)	NMHC g/kw-hr (g/hp-hr)	NMHC+NO _x g/kw-hr (g/hp-hr)	CO g/kw-hr (g/hp-hr)	PM g/kw-hr (g/hp-hr)	Certified Emission Life (term, date)
SB11	Non-Emergency Engine 750 ≤ HP < 1206	--	--	6.4 (4.8)	3.5 (2.6)	0.20 (.15)	8,000 hours or 10 years, whichever comes first

Rupesh Patel, Air Program Manager, PDEQ

ATO #3216	
Issue Date:	April 24, 2017
Revised:	January 27, 2020
Expiration Date:	April 23, 2022