

**AUTHORIZATION TO OPERATE (ATO): #3219**  
**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: Granite Construction Company  
 Facility Name: Tangerine Road Plant  
 Source Location: 10,000 W Tangerine Rd, Marana AZ 85653

**Permitted Emissions, tons/year:**

Conventional or Criteria Air Pollutant					HAP(s) Totals	
PM <sub>10</sub>	NO <sub>x</sub>	VOC	CO	SO <sub>2</sub>	Single HAP	Combined HAPS
<90	<90	<90	<90	<90	<10	<25

**Rolling 12-Month Throughput Limitations:**

Crushing & Screening Plant: **1,500,000 TPY**  
 Hot Mix Asphalt Plant: **750,000 TPY**

(These throughput limitations are calculated from the general permit application and the annual hour limitation identified in the facility's PTE)

Rupesh Patel, Air Permit Manager, PDEQ

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Expiration Date:	April 23, 2022

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**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 <sup>1</sup>	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	≥ 4/22/2008	Opacity Limit %
82.092	3-Deck Screen	Cedarapids	6' X 20'	47349-2	600 TPH	1998	N	10
82.093	3-Deck Screen	Cedarapids	6' X 20'	47349-2	600 TPH	1998	N	10
89.087	Pugmill	Eagle	Unknown	Unknown	600 TPH	1992	Y	15
90.021	3-Deck Screen	El-Jay	5' X 16"	34A119223B0192	300 TPH	1992	Y	10
90.021	Cone Crusher	El-Jay	54" Fine Head	34A119223B0192	300 TPH	1992	Y	15
90.027	3-Deck Screen	El-Jay	6' X 20'	23E0995	600 TPH	1999	Y	10
90.027	Cone Crusher	El-Jay	54"	23E0995	600 TPH	1999	Y	15

<sup>1</sup> Equipment identified in the permit application as needing an ATO. Other associated pieces of equipment listed on the equipment list of the application do not require an ATO but are subject to the provisions of this general permit.

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

Source Equipment ID <sup>1</sup>	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	Opacity Limit %
85.5008	75-Ton Lime Silo	Gencor	Unknown	75 Ton	75 Tons	Unknown	20

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

Source Equipment ID <sup>1</sup>	Type of Equipment	Manufacturer	Model	Serial Number	Maximum Rated Capacity	Manufacturer Date	Allowable Fuels	Opacity Limit %
61794	Drum Dryer	Gencor	Ultra Drum	61794	450 TPH	1983	Diesel	20
82.082	Screen	Unknown	4' X 10'	R410SD21979	450 TPH	1994	NA	20
82.184	Rap Screen	Gencor	Unknown	Unknown	250 TPH	1994	NA	20
85.137	Lime Silo	Cedarapids	Unknown	Unknown	40 Ton	1977	NA	20
86.164	Asphalt Silo	Unknown	Unknown	Unknown	180 Ton	1977	NA	20
86.165	Asphalt Silo	Unknown	Unknown	Unknown	200 Ton	1993	NA	20
87.057	Baghouse	Gencor	Unknown	Unknown	55,000 CFM	1993	NA	20
89.018	Pugmill	Peerless	Unknown	21182	450 TPH	1990	NA	20
86.161	Asphalt Heater	CEI	1500C	Unknown	11.4 gal/hr	1993	Diesel	20

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