

# $\frac{\textbf{NON-METALLIC MINERAL PROCESSING}}{\underline{\textbf{PLANTS}}}$



### COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) [  RE-INSPECTION (FUI) ARMS COMPLAINT NO:	<b></b>							
AIRS ID#: 7775249 DATE: <u>09/29/2011</u> ARRIVE: <u>09:10</u> DEPART: <u>12:00</u>								
FACILITY NAME: CLIFTON MINE								
FACILITY LOCATION: 4202 NW 27TH AVE								
OCALA 34475								
OWNER/AUTHORIZED REPRESENTATIVE: STEVEN COUNTS Email: CONTACT NAME: David Caudill, Plant Manager Email: ENTITLEMENT PERIOD: 7/3/2009 / 7/3/2014 (effective date) (end date)  PHONE: (352)30 Mobile: PHONE: (352)20 Mobile: (352)57	66-2410							
Facility Section  PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box)  ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-Compliance	OMPLIANCE							
PART II: ONSITE INTRODUCTORY MEETING  1. Name(s) of facility representative(s): Mr. David Caudill, Plant Manager  Brief Notes: V.E. Tests conducted on crushers.	(check ☑ only one box for each question)							
2. Is the Authorized Representative still STEVEN COUNTS?	⊠ Yes □No							
If different, did the facility provide an administrative update within 30 days?  3. Is the facility contact still GENE WARD?  If no, who is?: Mr. David Caudill								
4. Will facility be conducting VE test(s) during today's inspection?  If yes, was the compliance authority notified at least 15 days in advance?								

## Emissions Unit Section 1 –NMMP Plant-crusherw/425 hpRIC diesel engine,400T/hr capacity

Sthe Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO — Nonmetallic Mineral Processing Plants? (None: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grantie, Traprock, Sandstone, Quartie, Quartie, Mart, Marble, Slate, Slate, Oll Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaoline, Firedray, Bentomite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Pumice; (8) Gissonite; (9) Taid cand Psynophyllite; (10) Boron, including Bora, Kernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topac, and Dumortierite.)  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?			(check 🗹	only one
Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlit; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumoriterite.)  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?		ł	ox for each	question)
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Graning Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice	ng Plants?  ty te, Gravel; Salt; ride, Kernite,	1
subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	2. 3. 4.	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	<ul><li>✓ Yes</li><li>✓ Yes</li></ul>	□No □No
any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	su If	bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)? YesNo		subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	<u>_</u>	_
	7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		_
equal to 9 megagrams/hour (10 tons/hour)?	8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		_

### 1 -NMMP Plant-crusherw/425 hpRIC diesel engine,400T/hr capacity

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator of belt conveyor in a production line that processes saturated material up to the first crusher grinding mill or storage bin in the production line?	r, d material or ned and operated nineral material l from processin rial that is wette	g	□No
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crushe grinding mill or storage bin in the production line?	nted to extract onmetallic occupance of the contract of the contract of the contract of the material occupance of the material occupance of the colely by	☐ Yes	□No
If answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.  When was the EU lest constructed modified on reconstructed? 00/00/00			
<ul> <li>11. When was the EU last constructed, modified, or reconstructed? 00/00/00</li> <li>12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?</li></ul>		☐ Yes	□No
If answer to Question 12 is "No" skip the following questions and go directly to Question		_	_
<b>13. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosure Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control of		☐ Yes	□No
If answer to Question 13 is "No" skip the following questions and go directly to Question	19		
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?  b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.01 c. Was an initial VE test performed on any fugitive emissions (escaping capture system) d. If yes, was the opacity less than or equal to 7% opacity?	?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are individually in compliance with emissions limits:  a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?	f ] N/A · the	☐ Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.01 c. Was an initial VE test performed on fugitive emissions from non-vent building opening d. Were initial fugitive emissions from non-vent building openings less than or equal to	ngs?	Yes Yes Yes	□No □No □No

### 1 -NMMP Plant-crusherw/425 hpRIC diesel engine,400T/hr capacity

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator:  conducts quarterly 30-minute VE tests using Method 22;  uses a bag leak detection system specified in 40 CFR 60.674(d);  follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or  none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity?   N/A	☐ Yes	☐ No
<b>18.Is a wet scrubber used to control emissions from the EU?</b> If yes, does the owner/operator maintain and operate:	Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	- Yes	□No
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		□No
19. Is wet suppression used to control emissions from the EU?	☐ Yes	□No
<ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>	☐ Yes	□No
20. Does the EU have a particulate matter capture system (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	⊠No
21. Initial Tests:  a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes☐ Yes☐ Yes☐ Yes☐ Yes☐ Yes☐ Yes☐ Yes	☐ No ☐No ☐No ☐No

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22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
a. Was an initial PM stack test perform					
initial startup of the EU?		🔀 N/	'A	☐ Yes	☐ No
{A "vent" is any opening through whi	ch there is mechanicall	y induced air flow for the			
purpose of exhausting from a building	air carrying particular	te matter (PM) emissions from			
one or more affected EUs.}	. 01	•			
b. Was the EU found to be in complia	nce with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	No
c. Were initial fugitive emissions from				Yes	□No
ov vvere minum rugurve emissions men	in non-venicountaing op-	similar of equal to 7,70 s	spuerty.		
23.Is a wet scrubber used to control en	nissions from the EU?			Yes	⊠No
If yes, does the owner/operator mainta					
a. a device for the continuous measur		oss of the gas stream through the	2		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m				1 cs	
pascals +1 inch water gauge pres	•	nanuracturer to be accurate with	1111 1230		
and	ssurc. j				
b. a device for the continuous measur	ement of the combbing	liquid flow rate to the wet soruk	her and th	e	
device has been calibrated on an				_	□ No
				☐ Yes	∐No
{Note: The monitoring device m		nanuracturer to be accurate with	IIII +3%		
of design scrubbing liquid flow	rate.}				
24 When was the last VE test conducte	d by the eveneuleness	ton for this EU9 12/14/2010			
24. When was the last VE test conducte			0	<b>∇ v</b>	□ NT.
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5 y	/ears /	⊠ Yes	∟No
b. If EU is subject to 40 CFR subpart		1 0		N 37	
i. has the EU been tested during				∑ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	r year?		⊠ Yes	No
25 XV XVE 44	/			□ <b>v</b>	M M
25. Was a VE test conducted by the own				∐ Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		⊠ Yes	No
Rate:	. FDA M 4 100			<b>□ 1 1 1 1 1 1 1 1 1 1</b>	
b. Was the VE test conducted accordi				⊠ Yes	No
c. The VE test resulted in an opacity				<u> </u>	
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		⊠ Yes	∟No
				<b>-</b>	
26. Was a VE test conducted by the <i>insp</i>				∑ Yes	∐No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		⊠ Yes	∟No
Rate: 25 Tons/Hr				<b>-</b> -	
b. Was the VE test conducted accordi				⊠ Yes	No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		⊠ Yes	□No
	VE Ongo	itu I imita			
		ity Limits	0.1.4	OOO EII	
	EU not subject to	Subpart OOO EU	-	: 000 EU	_
	40 CFR 60	constructed, modified,		cted, modifi	
	Subpart OOO	or reconstructed prior		structed on	or
		to 4/22/2008	after 4/2	22/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
The other directed Bos	2070	1070		, , ,	

## Emissions Unit Section 2 –NMMP Plant-425 hp crusher RIC diesel engine

box for each question)  Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO — Nonmetallic Mineral Processing Plats?  (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Trapprock, Sandstone, Quarte, Quartein, Mart, Marble, State, Shale, oil Shale, and Shelit. (2) Sand and Gravel;  (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt;  (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Tale and Pyrophylilic; (10) Boron, including Boron, Rernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Ferlite; (16) Vermicultie;  (17) Mica; (18) Kyanite, including Andalustie, Sillimanite, Topaz, and Dumortierite.)  I. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?  So was the EU constructed, modified, or reconstructed after August 31, 1983?  So was the EU constructed, modified, or reconstructed after August 31, 1983?  So crusher, grinding mill bucket elevator, belt conveyor, bagging operation, crusher or grinding mill bucket elevator, belt conveyor, bagging operation, crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin;  Screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces, Girzzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operatoring, but a subject of subject to subject to subject to subject to subject			(check 🗹	only one
Se the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO — Nonmetallic Mineral Processing Plants?   Noise: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grantic, Traprock, Sandstone, Quartz, Quartzite, Mart, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kametine, Fireclay, Bentonite, Faller, Sands, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaodium Sulpiae; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllie; (10) Boron, including Borax, Kernite, and Colemanite; (11) Bartie; (12) Fluorospar; (13) Feldspar; (14) Jaionite; (15)Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumoriterite.]  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? Yes No  2. Is the EU constructed, modified, or reconstructed after August 31, 1983? Yes No  3. Was the EU constructed, modified, or reconstructed after August 31, 1983? Yes No  4. Is the EU one of the following? Yes No  5. Is the EU content of truck loading station pelt conveyor, bagging operation, Yes No  6. Is the subject to do truck loading station that that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage sito or bin; Screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Girzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)  6. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or sub		ł	ox for each	question)
Alone: "Nonmetallic mineral" means any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, State, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.]  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Τς			,
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoric is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock of Softman (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice	y e, Gravel; Salt; ride, Kernite,	
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
2. Is the EU located above ground (i.e., not in an underground mine)?			⊠ Yes	□No
3. Was the EU constructed, modified, or reconstructed after August 31, 1983?	2.			=
4. Is the EU one of the following?				=
storage bin,				□No
□ crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin; □ screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.) □ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I? ———————————————————————————————————		☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,		
minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin;    screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)    building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1-4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
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oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)    building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 - 4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)    building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
plant are not considered to be screening operations.)    building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
□ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	su	bpart OOO so skip the following questions and go directly to Question 24.		
any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
6. Is the EU located at a fixed sand and gravel plant or crushed stone plant with a capacity less than or equal to 23 megagrams/hour (25 tons/hour)?		subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process		
capacity less than or equal to 23 megagrams/hour (25 tons/hour)?			☐ Yes	⊠No
7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	6.		<b>5</b>	
capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	_		⊠ Yes	∐No
8. Is the EU located at a common clay plant or pumice plant with capacity less than or	/.		□ Vac	⊠ No
	Q		⊥ r es	∐N0
	σ.		☐ Yes	⊠No

### 2 -NMMP Plant-425 hp crusher RIC diesel engine

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevate belt conveyor in a production line that processes saturated material up to the first cruginding mill or storage bin in the production line?	sher, anted material or signed and operate as mineral material ated from processir laterial that is wett	ıg	es □No	
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production li downstream of wet mining operation that process saturated material up to the first cregrinding mill or storage bin in the production line?	usher, perated to extract e nonmetallic sufficient surface of the material wetted solely by	⊠ Y	esNo	
If answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the six Questions 5-10 above is "No" then continue to Question				
<ul><li>11. When was the EU last constructed, modified, or reconstructed?</li><li>12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?</li></ul>		Пу	esNo	
If answer to Question 12 is "No" skip the following questions and go directly to Quest				
13. Does the EU have a particulate matter <i>capture system</i> (equipment including enclo Hoods, fans, dampers, etc.) to capture and transport particulate matter to a cont	sures,	□ Y	esNo	
If answer to Question 13 is "No" skip the following questions and go directly to Quest	tion 19			
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?  b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (c. Was an initial VE test performed on any fugitive emissions (escaping capture systed. If yes, was the opacity less than or equal to 7% opacity?	em)?	☐ Y ☐ Y	fes No fesNo fesNo fesNo	
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs a individually in compliance with emissions limits:  a. Was an initial PM stack test performed on each vent control device within 180 day initial startup of the EU?	vs of  N/A v for the	□ Y	res 🗌 No	
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0 c. Was an initial VE test performed on fugitive emissions from non-vent building open d. Were initial fugitive emissions from non-vent building openings less than or equal	enings?		fesNo fesNo fesNo	

### 2 -NMMP Plant-425 hp crusher RIC diesel engine

16. Is a baghouse used to control emissions from the EU?	Yes	□No
If yes, the owner operator:  conducts quarterly 30-minute VE tests using Method 22; uses a bag leak detection system specified in 40 CFR 60.674(d); follows the requirements of 40 CFR 63AAAAA Lime Manufacturi as specified in 40 CFR 60.674(e); or none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity?   N/A	☐ Yes	☐ No
<b>18.</b> Is a wet scrubber used to control emissions from the EU?	☐ Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?		□No
<ul> <li>b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}</li> </ul>		□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>	☐ Yes	□No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<b>20. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
21. Initial Tests:  a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes Yes Yes	☐ No ☐No ☐No ☐No

#### 2 -NMMP Plant-425 hp crusher RIC diesel engine

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	med on each vent contr	ol device within 180 days of			
initial startup of the EU?		N/	Ά	☐ Yes	☐ No
{A "vent" is any opening through whi	ch there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building					
one or more affected EUs.}	, 01	•			
b. Was the EU found to be in complia	nce with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	No
c. Were initial fugitive emissions from				Yes	□No
c. Were midul rughtive emissions from	ir non vent canaing op	ennings ress than or equal to 770 c	spacity.		
23.Is a wet scrubber used to control en	issions from the FII?			Yes	□No
If yes, does the owner/operator mainta				1 cs	10
a. a device for the continuous measure	*	ose of the gas stream through the			
scrubber and the device has beer					
				□ Voc	□ No
instructions?				☐ Yes	∐No
{Note: The monitoring device m	· · · · · · · · · · · · · · · · · · ·	nanuracturer to be accurate with	ıın +250		
pascals +1 inch water gauge pres	ssure.}				
and					
b. a device for the continuous measur					
device has been calibrated on an				∐ Yes	∟No
{Note: The monitoring device m		manufacturer to be accurate with	in +5%		
of design scrubbing liquid flow i	rate.}				
24. When was the last VE test conducte					_
a. If EU is not subject to 40 CFR 60 s	*	U been tested within the past 5 y	/ears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart					
i. has the EU been tested during	each of the past 4 cale	ndar years?		Yes Yes	□No
ii. has the EU been tested yet with	thin the current calenda	r year?		Yes Yes	No
					_
25. Was a VE test conducted by the <i>own</i>				Yes	No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		Yes	□No
Rate:					
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of	of% for the high	est six-minute average.			
d. Did the VE test demonstrate compl				☐ Yes	□No
_					
26. Was a VE test conducted by the <i>insp</i>	<i>pector</i> for this unit du	ring this site visit?		☐ Yes	□No
a. Was the VE test conducted at a pro				Yes	No
Rate:	1			_	_
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl				Yes	□No
u. Bio ino , E test demonstrate comp.	iunee with the spacing				
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	-	cted, modifi	ed.
	Subpart OOO	or reconstructed prior		structed on	
	Bunhart OOO				. VI
G 1 31	200/	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

## Emissions Unit Section 3 –NMMP Plant-crusher w/RIC diesel engine pwr, 300T/hr capacity

		(check <b>☑</b>	only one
	t	ox for each	•
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		1
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlorand Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Yes	□No
	Is the EU located above ground (i.e., not in an underground mine)?	☐ Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	No
4.	Is the EU one of the following?	☐ Yes	No
	crusher, grinding mill, bucket elevator, belt conveyor, bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station; crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}		
	an earlying particular matter (1111) emissions from one of more affected 2001,		
	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to		
	bpart OOO so skip the following questions and go directly to Question 24.		
If	the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process		
	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a	_	_
_	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	☐ Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	□ Van	□ Na
Q	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	No
0.	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No
	1		

### 3 –NMMP Plant-crusher w/RIC diesel engine pwr, 300T/hr capacity

9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or		
	belt conveyor in a production line that processes saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operate	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral material	l	
	with sufficient surface moisture such that particulate matter emissions are not generated from processing		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wett		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
su	bpart 000 so skip the following questions and go directly to Question 24.		
If	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
-	was the De constructed, mounted, or reconstructed on or diter 4/22/2000.		
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
13	.Does the EU have a particulate matter capture system (equipment including enclosures,		
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
<b>If</b>	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU?	∐ Yes	∐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	∐ Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes	∐No
4.5	164b - EVI 2 - 1 - 2 12 1 - 2		
15	If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of	□ <b>V</b>	□ Na
	initial startup of the EU? N/A {A "vent" is any opening through which there is mechanically induced air flow for the	☐ Yes	∐ No
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.)  b. If was was the EU found to be in compliance with the DM limit of 0.022 g/dsem (0.014 gr/dsef)?	□ Vaa	□ Na
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	∐No □ No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	Yes	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes	∐No

### 3 –NMMP Plant-crusher w/RIC diesel engine pwr, 300T/hr capacity

16. Is a baghouse used to control emissions from the EU?	☐ Yes	No
If yes, the owner operator:  conducts quarterly 30-minute VE tests using Method 22;  uses a bag leak detection system specified in 40 CFR 60.674(d);  follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or  none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity?   N/A	☐ Yes	No No
<b>18.Is a wet scrubber used to control emissions from the EU?</b> If yes, does the owner/operator maintain and operate:	☐ Yes	No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	· 🗌 Yes	s
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		No
19. Is wet suppression used to control emissions from the EU?	Yes	No
<ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>	☐ Yes	s □No
20. Does the EU have a particulate matter capture system (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	No
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes☐ Yes☐ Yes☐ Yes☐ Yes☐	No

### 3 –NMMP Plant-crusher w/RIC diesel engine pwr, 300T/hr capacity

22. If the EU is a building enclosing any		and all enclosed EUs are not			
individually in compliance with emi		11 : :1: 100 1 6			
a. Was an initial PM stack test performantial startup of the EU?	med on each vent contro	of device within 180 days of	// <b>D</b> Vos	$\square$ No	
$\{A \text{ "vent" is any opening through whith } A$			/A L Yes	∐ No	
purpose of exhausting from a building					
one or more affected EUs.}	an carrying particular	e munter (1 m) emussions grem			
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?	Yes	No	
c. Were initial fugitive emissions from				☐No	
			_		
23. Is a wet scrubber used to control en				□No	
If yes, does the owner/operator mainta					
a. a device for the continuous measur					
scrubber and the device has been instructions?				□No	
{Note: The monitoring device m					
pascals +1 inch water gauge pres		nandractarer to be accurate with	11111 1 230		
and					
b. a device for the continuous measur					
device has been calibrated on an			<del></del>	□No	
{Note: The monitoring device m		nanufacturer to be accurate with	hin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte	d by the owner/onerat	or for this EU?			
a. If EU is not subject to 40 CFR 60 s			years? Yes	□No	
b. If EU is subject to 40 CFR subpart		1			
i. has the EU been tested during each of the past 4 calendar years? YesNo					
ii. has the EU been tested yet wi	ii. has the EU been tested yet within the current calendar year? YesNo				
25 XX				N.	
a. Was the VE test conducted by the <i>own</i>				∐No ∏No	
Rate:	cess rate that is represen	intative of the normal rate?	<u> </u>	NO	
				□No	
c. The VE test resulted in an opacity of% for the highest six-minute average.					
d. Did the VE test demonstrate compl	liance with the opacity l	imit? (See chart below)	Yes	□No	
26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit? Yes a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo					
a. Was the VE test conducted at a pro	cess rate that is represen	ntative of the normal rate?		∐No	
b. Was the VE test conducted accordi	ng to EPA Method 9? -		Yes	□No	
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate compl			Yes	□No	
_					
VE Opacity Limits					
	EU not subject to	Subpart OOO EU	Subpart OOO EU		
	40 CFR 60	constructed, modified,	constructed, modif	fied,	
	Subpart OOO	or reconstructed prior	or reconstructed o		
		to 4/22/2008	after 4/22/2008	~-	
Crusher with no capture system	20%	15%	12%		
All other affected EUs	20%	10%	7%		

## Emissions Unit Section 4 –NMMP Plant-crusher RIC diesel engine power, hp not provided

		(check <b>☑</b>	only one
	ł	ox for each	question)
	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoring is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlomand Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	•
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes	□No
2.	Is the EU located above ground (i.e., not in an underground mine)?	Yes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	_	□No
4.	Is the EU one of the following? ————————————————————————————————————	Yes	□No
su If	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
_	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	☐ Yes	□No
	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
<b>5•</b>	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

### 4 –NMMP Plant-crusher RIC diesel engine power, hp not provided

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	! ig	□No
10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	□No
If answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?  12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
If answer to Question 12 is "No" skip the following questions and go directly to Question 20		
<b>13.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	□No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19		
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits:  a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?	Yes	□ No
one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

### 4 –NMMP Plant-crusher RIC diesel engine power, hp not provided

16. Is a baghouse used to control emissions from the EU?	☐ Yes	□No
If yes, the owner operator:  conducts quarterly 30-minute VE tests using Method 22;  uses a bag leak detection system specified in 40 CFR 60.674(d);  follows the requirements of 40 CFR 63AAAAA Lime Manufacturin as specified in 40 CFR 60.674(e); or  none of the above (i.e., out of compliance)	ng	
17. If the EU is an individual, enclosed storage bin controlled by a baghouse, were initial fugitive emissions less than or equal to 7% opacity?   N/A	☐ Yes	☐ No
<b>18.Is a wet scrubber used to control emissions from the EU?</b> If yes, does the owner/operator maintain and operate:	☐ Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Yes	□No
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		□No
19. Is wet suppression used to control emissions from the EU?	☐ Yes	□No
<ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>	☐ Yes	□No
20. Does the EU have a particulate matter capture system (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	Yes Yes Yes Yes	☐ No ☐No ☐No ☐No

### 4 –NMMP Plant-crusher RIC diesel engine power, hp not provided

22. If the EU is a building enclosing any		and all enclosed EUs are not			
individually in compliance with emi		11			
a. Was an initial PM stack test performantial startup of the EU?			/ <b>A</b>	□ Vaa	□ Na
$\{A \text{ "vent" is any opening through whith } A$			A	∐ Yes	∐ No
purpose of exhausting from a building					
one or more affected EUs.}	air carrying particulai	e matter (1 W1) emissions from			
b. Was the EU found to be in complia	nce with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from				Yes	□No
c. Were initial ragidive emissions from	a non vene canaling ope	omings ress than or equal to 770	opacity.		
23. Is a wet scrubber used to control em	issions from the EU?			Yes	□No
If yes, does the owner/operator mainta				_	_
a. a device for the continuous measure		oss of the gas stream through the	e		
scrubber and the device has been	calibrated on an annua	al basis in accordance with man	ufacturer's		
instructions?				☐ Yes	□No
{Note: The monitoring device m	ust be certified by the 1	nanufacturer to be accurate witl	nin +250		
pascals +1 inch water gauge pres	ssure.}				
and					
b. a device for the continuous measure				_	
device has been calibrated on an				☐ Yes	∟No
{Note: The monitoring device m		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow r	ate.}				
24. When was the last VE test conducted	d by the owner/energy	tor for this FII2			
a. If EU is not subject to 40 CFR 60 s			voore?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		O been tested within the past 3	years:		NO
i. has the EU been tested during		ndar vears?		☐ Yes	□No
ii. has the EU been tested during	hin the current calenda	r vear?		Yes	□No
ii. has the Be been tested yet with	ann the carrent carenaa	i year.			
25. Was a VE test conducted by the own	ner/operator for this u	nit during this site visit?		Yes	□No
	a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo				
Rate:	_				
b. Was the VE test conducted accordi	ng to EPA Method 9? -			☐ Yes	□No
	c. The VE test resulted in an opacity of% for the highest six-minute average.				
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		☐ Yes	□No
				_	_
26. Was a VE test conducted by the insp				Yes	∐No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ Yes	∐No
Rate:	- FDAM 1 100				□ N
b. Was the VE test conducted accordi				☐ Yes	□No
c. The VE test resulted in an opacity of				□ Vaa	□ Na
d. Did the VE test demonstrate compl	iance with the opacity	imit? (See chart below)		∐ Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	ted, modif	ied.
	Subpart OOO	or reconstructed prior		structed or	
	~=~p=== 000	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%	u1001 7/2	12%	
All other affected EUs	20%	10%		7%	
An onici anecieu eus	2070	1070		1 70	

### **Facility Section (continued)**

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check <b>☑</b> box for each	only one question)			
1. Does the owner/operator of the NMMP Plant take reasonable precautions to control unconfined					
emissions by: a) Use of water suppression system(s) with spray bars located wherever unconfined emissions occur					
(at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points)? \[ \] N/A  If no, where are unconfined emissions occurring?	☐ Yes	☐ No			
b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? N/A  c) Paving and maintaining roads and parking areas? N/A  d) Removal of particulate matter from roads and other paved areas under control	☐ Yes ☐ Yes	☐ No ☐ No			
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter?  \[ \] N/A	☐ Yes	☐ No			
e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? N/A	Yes	☐ No			
2. If reasonable precautions <u>not</u> being taken:  a) Did the inspector perform a general VE test (20% opacity)? N/A  b) If tested: ()% opacity. Were the visible emissions < 20% opacity?  c) What caused the problem(s) (if known)?	Yes Yes	□ No □No			
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY	*	only one			
1. Does this facility keep records to show that it does not have the potential to emit:	box for each o				
<ul><li>a) 10 tons per year or more of any hazardous air pollutant?</li><li>b) 25 tons per year or more of any combination of hazardous air pollutants?</li></ul>		∐No □No			
c) 100 tons per year or more of any other regulated air pollutant?		□No			
2. Does this facility include:  a) any emission units or activities not covered by the applicable air general permit (with the exception of units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or					
Rule 62-4.040, F.A.C.)?	L Yes	∐No			
If YES, what non-exempt units or activities?					
b) any emissions units or activities authorized by another air general permit where such other air gene permit and this general permit specifically allow the use of one another at the same facility?		□No			
If YES, what other general permit units or activities?					

<u>(</u> 27	Is the total combined annual facility-wide fuel usage of all plants less than or equal to:  a) 275,000 gallons of diesel fuel?		No  No  No  No
	Has the owner or operator allowed the circumvention of any air pollution control device, or	(check 🗹 box for each o	only one question)
2.	Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes Yes	□No
3.	terms and conditions of the air general permit?	s	□No
	ELOCATABLE PLANT  The facility:  is stationary; is relocatable; or consists of both stationary and relocatable	(check ☑ box for each o	only one question)
	NMMP and/or concrete batching plants. ( <i>If only stationary, skip the following questions 2 and 3.</i> )  For a relocated NMMP plant:  a) did the owner or operator notify the appropriate Department or Local Air Program by telephone, e-mail, fax, or written communication at least one business day prior to changing location? b) did the owner or operator transmit a Facility Relocation Notification Form [DEP No. 62-210.900(6) to the Department or Local Air Program no later than five business days following relocation?	5)]	□No
3.	If the relocatable NMMP plant was co-located at a facility with a separate air construction or air opera permit, and the relocatable NMMP plant is <u>not</u> included as an emissions unit in that separate permit:  a) was the relocatable NMMP plant being used for a non-routine purpose? ————————————————————————————————————	- Yes	□No
	the permitted facility?	☐ Yes ☐ Yes	∐No □No

CHANGES  Administrative Changes:	(check box for each	only one ch question)
<ol> <li>Were there any changes in the name, address, or phone nu associated with a change in ownership or with a physical roperations comprising the facility; or any other similar mi</li> <li>If YES, did the facility provide written notification within</li> </ol>	relocation of the facility or any emissions units or nor administrative change at the facility? Yes	□No □No
New or Modified Process Equipment or Change in Ownership  3. Since the last registration form submittal has there been a) Installation of any new process equipment?	Yes acement? Yes at is substantially different? Yes Yes registration form and the appropriate fee submitted	No No No No
John Vigliotti	09/29/2011	
Inspector's Name (Please Print)	Date of Inspection	
	09/2016	
Inspector's Signature	Approximate Date of Next Inspection	
COMMENTS:		