

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



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) RE-INSPECTION (FUI) ARMS COMPLAINT NO:				
AIRS ID#: 7771302 DATE: <u>12/21/2012</u> ARRIVE: <u>8:40 AM</u> DEPART:	<u>1:00 PM</u>			
FACILITY NAME: CEM ENTERPRISES-DOUBLE D CRUSHERS				
FACILITY LOCATION: 12608 AVALON RD				
WINTER GARDEN 34787-9743				
OWNER/AUTHORIZED REPRESENTATIVE: NORMA MEEKS Email: estimating@cemddc.com CONTACT NAME: ERIC MEEKS Email: ericm@cemddc.com ENTITLEMENT PERIOD: 8/11/2011 / 8/11/2016 (effective date) (end date) PHONE: (407)884-914 Mobile: PHONE: (407)238-232 Mobile: (407)509-340	28			
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check only one box)				
☐ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPL	LIANCE			
PART II: ONSITE INTRODUCTORY MEETING 1. Name(s) of facility representative(s): Eric Meeks Brief Notes:	(check only one box for each question)			
2. Is the Authorized Representative still NORMA MEEKS?	⊠ Yes □No			
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still ERIC MEEKS? If no, who is?:	☐ Yes ☐No ☐ Yes ☐No			
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?	YesNo YesNo			

Emissions Unit Section 2 –NMMP Plant-secondary crusher, 133x152, 400 T/hr

		(check 🗹	only one
	ł	ox for each	question)
<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, 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.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	
2. 3.	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?		No No No No
su	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.		
6. 7.	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☐ Yes☐ Yes	NoNoNo
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	⊠No

2 -NMMP Plant-secondary crusher, 133x152, 400 T/hr

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 materia	: I	
	with sufficient surface moisture such that particulate matter emissions are not generated from processi	ng	
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	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.}		
If	answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed? 2/25/2005		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Yes Yes	⊠No
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 Yes	⊠No
If	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? N/A	☐ 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
15	If the EU is a building anglesing any other populated EUs and all anglesed EUs are not		
13	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? N/A	☐ Yes	☐ No
	{A "vent" is any opening through which there is mechanically induced air flow for the	L ICs	NO
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	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)?	☐ Yes	□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?		□No
	2		

2 -NMMP Plant-secondary crusher, 133x152, 400 T/hr

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)		
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
18.Is a wet scrubber used to control emissions from the EU? 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.}	Yes	□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	⊠ 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.		
20. Does the EU have a particulate matter <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	☐ No ☐No ☐No ☐No

2 -NMMP Plant-secondary crusher, 133x152, 400 T/hr

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	ned on each vent contro	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whi}$					
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	☐ Yes	∐No
23. Is a wet scrubber used to control em	issions from the EU?			☐ Yes	⊠No
If yes, does the owner/operator mainta					<u></u>
a. a device for the continuous measure		oss of the gas stream through the	2		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	•	nanaracturer to be accurate with	III 1230		
and	, said.				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and th	e	
device has been calibrated on an					☐No
{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow i	ate.}				
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	years?	∐ Yes	∐No
b. If EU is subject to 40 CFR subpart		1 0			
			□No		
11. has the EU been tested yet with	thin the current calendar	r year?		Yes	⊠No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? 🖂 Yes 🗀No					
a. Was the VE test conducted at a pro				⊠ Yes	□No
Rate: 200 TPH	coss rate that is represe.	mair ve of the normal rate.		7 105	
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
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: <u>200 TPH</u>				-	
b. Was the VE test conducted accordi				Yes	□No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl	iance with the opacity I	imit? (See chart below)		⊠ Yes	□No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	_	: 000 EU	
	40 CFR 60	constructed, modified,		cted, modifi	
	Subpart OOO	or reconstructed prior	or recor	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%	

Emissions Unit Section 3 –NMMP Plant-screener, 6x16, 96 sq ft

		(check ☑	only one
	ŀ	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		•
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; Galt; 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)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□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. $\{A \text{ "vent" is any opening through } \}$		
	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.}		
su	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
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	□ V	□ N-
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

3 –NMMP Plant-screener, 6x16, 96 sq ft

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 operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	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.}		
I f	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
su	bpart OOO so skip the following questions and go directly to Question 24.		
I f	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? 2/25/2005		
	<u>=====================================</u>		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Yes Yes	⊠No
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 Yes	□No
If	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? N/A	☐ 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
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? N/A	☐ Yes	☐ No
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the}$		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}		
	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 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-screener, 6x16, 96 sq ft

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)		
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
18.Is a wet scrubber used to control emissions from the EU? 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.}	Yes	□No
19. Is wet suppression used to control emissions from the EU?	⊠ Yes	□No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	⊠ Yes	□No
questions and go directly to Question 24.		
20. Does the EU have a particulate matter <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	☐ No ☐No ☐No ☐No

3 –NMMP Plant-screener, 6x16, 96 sq ft

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	issions limits:				
a. Was an initial PM stack test perfor	med on each vent contro	ol device within 180 days of			
initial startup of the EU?		🛛 N	/A	☐ Yes	☐ No
{A "vent" is any opening through wh	ich there is mechanicall	y induced air flow for the			
purpose of exhausting from a building					
one or more affected EUs.}	, , , , , , , , , , , , , , , , , , , ,	,			
b. Was the EU found to be in compli	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from				Yes	□No
c. Were initial ragitive emissions from	an non-vent bunding op	enings less than or equal to 770	opacity.		
23. Is a wet scrubber used to control en	nissions from the EU?			Yes	⊠No
If yes, does the owner/operator maintain					<u></u>
a. a device for the continuous measur		oss of the gas stream through the	۵.		
scrubber and the device has bee					
instructions?				Yes	□No
				L Tes	NO
{Note: The monitoring device n		nanulacturer to be accurate with	1111 +230		
pascals +1 inch water gauge pre	ssure.}				
and		1114.61	.1		
b. a device for the continuous measur					□ 3.7
device has been calibrated on ar				∐ Yes	∐No
{Note: The monitoring device n		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte					
a. If EU is not subject to 40 CFR 60		U been tested within the past 5	years?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart					
i. has the EU been tested during	g each of the past 4 cales	ndar years?		Yes	
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	⊠No
				_	_
25. Was a VE test conducted by the ow				Yes	∐No
a. Was the VE test conducted at a pro	ocess rate that is represe	ntative of the normal rate?		Yes	□No
Rate: <u>200 tph</u>					_
b. Was the VE test conducted accord				Yes	∐No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		⊠ Yes	□No
26. Was a VE test conducted by the ins				⊠ Yes	□No
a. Was the VE test conducted at a pro	ocess rate that is represe	ntative of the normal rate?		⊠ Yes	□No
Rate: <u>200 TPH</u>					
b. Was the VE test conducted accord	ing to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity	of 0% for the highest si	x-minute average.			
d. Did the VE test demonstrate comp	liance with the opacity	limit? (See chart below)		Yes	□No
•	•				
	•	ity Limits	I		
	EU not subject to	Subpart OOO EU	Subpart	: 000 EU	
	40 CFR 60	constructed, modified,	constru	cted, modif	ied,
	Subpart OOO	or reconstructed prior		structed or	-
		to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%	arce 7/2	12%	
All other affected EUs	20%	10%		7%	
All other affected EUS	ZU%	10%		1 %0	

Emissions Unit Section 4 –NMMP Plant-crusher power unit, 535 Hp, diesel RICE

		(check ☑	only one
	ł	ox for each	question)
<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, 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 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) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
2. 3.	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?		□No □No □No □No
su If	air carrying particulate matter (PM) emissions from one or more affected EUs.} 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.		
	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
	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
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

4 –NMMP Plant-crusher power unit, 535 Hp, diesel RICE

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 materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	cu	
	solely by well 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
	grinding film of storage on in the production file.	1 cs	
	{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.}		
	wei suppression systems is not considered to be saturated for purposes of this definition.		
Ιf	answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.		
IJ	the answer to all of the six Questions 3-10 above is No then continue to Question 11.		
11	. When was the EU last constructed, modified, or reconstructed?		
	. When was the 120 last constructed, mounted, or reconstructed.		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
14	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008:	L ICS	110
Ιf	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
IJ	unswer to Question 12 is 100 sup the journing questions and go affectly 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
	1100ds, tans, dampers, etc.) to captare and transport particulate matter to a control device.		
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
-,	and the greeness is is the stop me journing questions and go an early to guestion is		
14	.Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU? N/A	☐ 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
	d. If yes, was the opacity less than of equal to 7% opacity:		
15	. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
1.	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
		Yes	□ No
	initial startup of the EU? $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$ $\$	L 1 es	∐ No
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}	□ x/	□ 3.7
	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 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 Yes	∐No

4 –NMMP Plant-crusher power unit, 535 Hp, diesel RICE

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
18.Is a wet scrubber used to control emissions from the EU? 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
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	☐ 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.		
20.Does the EU have a particulate matter <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	☐ No ☐No ☐No ☐No

4 –NMMP Plant-crusher power unit, 535 Hp, diesel RICE

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	med on each vent contr	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through whi	ch there is mechanical	ly induced air flow for the			
purpose of exhausting from a building					
one or more affected EUs.}	7 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 initial ragiotive emissions from	n non vent sanding op	chings less than of equal to 770	opacity.		
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	a		
scrubber and the device has beer					
instructions?				☐ Yes	□No
{Note: The monitoring device m				res	NO
•	•	manufacturer to be accurate with	IIII +230		
pascals +1 inch water gauge pres	ssure.}				
and	amont of the	liquid flow note to the court of	الدائدة مطط		
b. a device for the continuous measur					□ NT.
device has been calibrated on an				∐ Yes	∐No
{Note: The monitoring device m	•	manufacturer to be accurate with	nın +5%		
of design scrubbing liquid flow	rate.}				
24 XXII 44 . 1- 4 XXE 4- 4 1- 4-	11	A C 41.1. E119 9/20/2011			
24. When was the last VE test conducte			0	N 11	
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	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	∐No
ii. has the EU been tested yet wi	thin the current calenda	ar year?		Yes Yes	∟No
25 YY YEA A 1 A 11 A	/			N 37	
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	entative of the normal rate?		Yes	□No
Rate: <u>200 TPH</u>	FD4.36.1.100			N **	
b. Was the VE test conducted accordi				Yes	∐No
c. The VE test resulted in an opacity of				- -	
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					∐No
a. Was the VE test conducted at a pro	cess rate that is represe	entative of the normal rate?		⊠ Yes	∐No
Rate: 200 TPH				_	_
b. Was the VE test conducted accordi				⊠ Yes	No
c. The VE test resulted in an opacity of		_		_	_
d. Did the VE test demonstrate compl	iance with the opacity	limit? (See chart below)		⊠ Yes	□No
	VE O	: '4 T : : '4			
		city Limits			
	EU not subject to	Subpart OOO EU	_	t 000 EU	
	40 CFR 60	constructed, modified,	constru	cted, modifi	ied,
	Subpart OOO	or reconstructed prior	or recor	nstructed or	ı or
	-	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
			-		
All other affected EUs	20%	10%		7%	I

Emissions Unit Section 5 –NMMP Plant-conveyor-belt, 60x24, 30"

		(check ☑	only one
	b	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		•
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 S (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlor 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 (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)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□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. $\{A \text{ "vent" is any opening through } \}$		
	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.}		
su	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	_	
_		☐ 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		
	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	_	_
	equal to 9 megagrams/hour (10 tons/hour) ?	☐ Yes	⊠No

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?	l ng	⊠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? 2/25/2005	□ x ₇	
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		
13.Does the EU have a particulate matter <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
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

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 Manufacturing 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
18.Is a wet scrubber used to control emissions from the EU? 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
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	☐ 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.		
20.Does the EU have a particulate matter <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	☐ No ☐No ☐No ☐No

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 contro	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whith}$	ch there is mechanicall	y induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
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	n non-vent building ope	enings less than or equal to 7% of	opacity?	Yes	□No
_	• •				
23. Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	\boxtimes No
If yes, does the owner/operator mainta	in and operate:				
a. a device for the continuous measur	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has beer	n calibrated on an annua	al basis in accordance with manu	ufacturer's		
instructions?				☐ Yes	□No
{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pres	ssure.}				
and					
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	e	
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m	ust be certified by the r	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	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	years?	∐ Yes	∐No
b. If EU is subject to 40 CFR subpart				_	_
i. has the EU been tested during				⊠ Yes	□No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	⊠No
05 334 - 37E 4 4 - 1 4 11 41	/ , 6 41 *				
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: 200 TPH	and EDA Mada d 00			V.	□ Na
b. Was the VE test conducted accordi				Yes	∐No
c. The VE test resulted in an opacity of				✓ v	□ Na
d. Did the VE test demonstrate compl	nance with the opacity	limit? (See chart below)		Yes Yes	∐No
26. Was a VE test conducted by the inst	naator for this unit du	ring this site visit?		Yes	□No
a. Was the VE test conducted by the <i>insp</i>				Yes	□No
Rate: 200 TPH	cess rate that is represe	ilitative of the normal rate?		□ 1es	110
b. Was the VE test conducted accordi	ng to EDA Mothod 02			Yes	□No
c. The VE test resulted in an opacity of					□140
d. Did the VE test demonstrate compl				⊠ Yes	□No
d. But the VE test demonstrate compl	nunce with the opacity i	mint. (See chart below).		Z 165	
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	000 EU	
	40 CFR 60	constructed, modified,	construc	cted, modifi	ed,
	Subpart OOO	or reconstructed prior		structed or	
	1	to 4/22/2008	after 4/2		
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
7111 Other arrected LOS	20 /0	10/0		7 /0	

Emissions Unit Section 6 –NMMP Plant-conveyor-belt, 60x24, 30"

box for each question			(check 🗹	only one
Sethe Emissions Unit (EU) subice to 40 CFR part 60 subpart OOO — Nonmetallic Mineral Processing Plants? Note: "Nonmetallic minerals" 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 Limited (Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Raodin, Fireelay, 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 Sulfaire; (17) Plumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemantie; (11) Barrite; (12) Fluorospar; (13) Felalspar; (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?		1	ox for each	question)
Note: "Nonmetallic minerals" 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, Bentionite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Grysum (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) Bartie; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Ferlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalustie, 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?	Tc ·			,
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 majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granix 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	ty 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.		Yes	□No
				□No
storage bin,	4.		⊠ Yes	□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?				
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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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	opart 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.			
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)?			_	_
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.		□ x z	
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
	8		1 es	₩ 1
-1 2888	•		☐ Yes	⊠No

_				
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?	l 1g	Yes	⊠No
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	си		
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.}			
sui	answer to any of the six Questions 5 -10 above is "Yes" 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 six Questions 5-10 above is "No" then continue to Question 11.			
11	. When was the EU last constructed, modified, or reconstructed? $\underline{2/25/2005}$			
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?		Yes	⊠No
<i>If</i>	answer to Question 12 is "No" skip the following questions and go directly to Question 20			
13	.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?		Yes	□No
<i>If</i>	answer to Question 13 is "No" skip the following questions and go directly to Question 19			
14	a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU? N/A		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)? 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	□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
	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

16. Is a baghouse used to control emissions from the EU?	П,	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)		103	
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
18. 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?		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.}		Yes	□No
19.Is wet suppression used to control emissions from the EU?		Yes	□No
 a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	×.	Yes	□No
20. Does the EU have a particulate matter <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	☐ No ☐No ☐No ☐No

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 contro	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whith}$	ch there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
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				T Yes	□No
C	<i>U</i> 1		1 ,		_
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	9		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres	•	numuracturer to be accurate with	mi +250		
and	55410.)				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	her and the	a	
device has been calibrated on an					□No
{Note: The monitoring device m					
of design scrubbing liquid flow		nanulacturer to be accurate with	1111 1370		
or design serdoomig fiquid flow i	ute. j				
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 8/29/2011			
a. If EU is not subject to 40 CFR 60 s			vears?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart		e seen tested within the past s	years.		
i. has the EU been tested during		ndar vears?		⊠ Yes	□No
ii. has the EU been tested yet wi				Yes	⊠No
in has the 20 octa tested yet wi		a year			
25. Was a VE test conducted by the own	ner/operator for this un	nit during this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	No
Rate: 200 TPH	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
1	1 ,	`		_	_
26. Was a VE test conducted by the insp	pector for this unit dur	ring this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	□No
Rate: <u>200 TPH</u>	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	iance with the opacity l	limit? (See chart below)		⊠ Yes	□No
_					

		ity Limits			
	EU not subject to	Subpart OOO EU	_	000 EU	
	40 CFR 60	constructed, modified,	construc	cted, modifi	ed,
	Subpart OOO	or reconstructed prior	or recon	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%	
1 III ollier arrected Eco	2070	1070		,,,	

Emissions Unit Section 7 –NMMP Plant-conveyor-belt, 80x24, 36"

		(check ☑	only one
	b	ox for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		•
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 S (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) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Galt; 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)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□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. $\{A \text{ "vent" is any opening through } \}$		
	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.}		
su	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		
		Yes Yes	⊠No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
7	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	☐ Yes	⊠No
/٠	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
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		∠⊿110
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	⊠No

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?	l ng	Yes	⊠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? 2/25/2005			
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			
13. Does the EU have a particulate matter <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

16. Is a baghouse used to control emissions from the EU?	Пу	es	□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)		CS	
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	□ Y	es	☐ No
18.Is a wet scrubber used to control emissions from the EU?	□ Y	es	□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?	□ Y	es es	□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.}	☐ Y	es es	□No
19.Is wet suppression used to control emissions from the EU?	□ Y	es	□No
 a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? 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? 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)?	□ Y	es es	□No
20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures,			
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	□ Y	es	⊠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?	☐ Y ☐ Y	es es es	☐ No ☐No ☐No ☐No

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 contro	ol device within 180 days of			
initial startup of the EU?			/A	☐ Yes	☐ No
$\{A \text{ "vent" is any opening through whith}$	ch there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
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				T Yes	□No
C	<i>U</i> 1		1 ,		_
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					
pascals +1 inch water gauge pres	•	numuracturer to be accurate with	mi +250		
and	55410.)				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	her and the	a	
device has been calibrated on an					□No
{Note: The monitoring device m					
of design scrubbing liquid flow		nanulacturer to be accurate with	1111 1370		
or design serdoomig fiquid flow i	ute. j				
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 8/29/2011			
			vears?	☐ Yes	□No
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO:					
i. has the EU been tested during each of the past 4 calendar years? YesNo					
ii. has the EU been tested yet within the current calendar year?				Yes	⊠No
ii. has the EO occir tested yet within the editent calcular year:					
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?					
					No
Rate: 200 TPH	1			_	_
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity of					_
			⊠ Yes	□No	
1	1 ,	`		_	_
26. Was a VE test conducted by the insp	pector for this unit dur	ring this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	□No
Rate: <u>200 TPH</u>	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	iance with the opacity l	limit? (See chart below)		⊠ Yes	□No
_					

		ity Limits			
	EU not subject to	Subpart OOO EU	_	000 EU	
	40 CFR 60	constructed, modified,	construc	cted, modifi	ed,
	Subpart OOO	or reconstructed prior	or recon	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%	
2	== / V		1	* * * *	

Emissions Unit Section 8 –NMMP Plant-generator diesel RICE, 275 Hp

		(check 🗹	only one
	ł	ox for each	question)
Tc ·	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin		,
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 (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) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty 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
	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.}		
su	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
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)?	☐ Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or		
	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

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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?	aterial or and operated ral material om processing	□No
of the material through screening operations, bucket elevators and belt conveyors. Material solely by wet suppression systems is not considered to be "saturated" for purposes of this de 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?	that is wetted refinition.} Yes to extract etallic nt surface material solely by	□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		
13.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control devi-	ice? 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	☐ 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? N {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 is		□ 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 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% of the complex contents.	Yes	□No □No □No

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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 Manufacturir	ıg	
as specified in 40 CFR 60.674(e); or		
none of the above (i.e., out of compliance)		
477 4641 4777 1 1 1 1 1 4 11 4 11 1 1 1		
17. If the EU is an individual, enclosed storage bin controlled by a baghouse,	□ Vas	□ No
were initial fugitive emissions less than or equal to 7% opacity? N/A	∐ Yes	∐ No
18. Is a wet scrubber used to control emissions from the EU?	☐ Yes	□No
If yes, does the owner/operator maintain and operate:		
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
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
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?	Yes Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
of design scrubbing liquid flow rate.}		
19. Is wet suppression used to control emissions from the EU?	∐ Yes	∐No
If yes:		
a. Does the owner/operator perform monthly inspections to check that water is flowing to		
the discharge spray nozzles?		
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?		
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)?	□ Ves	□No
recorded in the written of electronic togotok as required by 40 er k 00.070(b).		
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following		
questions and go directly to Question 24.		
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? N/A	∐ Yes	∐ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 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

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22. If the EU is a building enclosing any		and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform				□ x7	
initial startup of the EU?			/A	☐ Yes	∐ No
{A "vent" is any opening through whi					
purpose of exhausting from a building	air carrying particulai	te matter (PM) emissions from			
one or more affected EUs.}	ango with the DM limit	of 0.05 g/dsam (0.022 gr/dsaf)?		□ Vos	\square No
b. Was the EU found to be in compliance.c. Were initial fugitive emissions from				☐ Yes ☐ Yes	∐No ∏No
c. Were illuar rugitive emissions from	ii non-vent bunding op	enings less than of equal to 7%	opacity?	res	NO
23.Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	□No
If yes, does the owner/operator mainta				Tes	
a. a device for the continuous measure		oss of the gas stream through th	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pres					
and	,				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scru	bber and the)	
device has been calibrated on an	annual basis in accorda	ance with manufacturer's instru	ctions?	☐ Yes	□No
{Note: The monitoring device m	ust be certified by the i	manufacturer to be accurate with	hin +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	years?	⊠ 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	∐No
ii. has the EU been tested yet with	thin the current calenda	ır year?		☐ Yes	∐No
25 Was a VE test conducted by the own	/	nit duning this site visit?		⊠ v _{as}	□ No
25. Was a VE test conducted by the <i>own</i>				∑ Yes	∐No □No
a. Was the VE test conducted at a process rate that is representative of the normal rate? X Yes Rate: 200 TPH					NO
	ng to EPA Method 92.			⊠ Yes	□No
b. Was the VE test conducted according to EPA Method 9?c. The VE test resulted in an opacity of 10% for the highest six-minute average.					
d. Did the VE test demonstrate compl				⊠ Yes	□No
d. Did the VE test demonstrate compl	nance with the opacity	mint: (See chart below).		Z 163	
26. Was a VE test conducted by the <i>insp</i>	pector for this unit du	ring this site visit?		⊠ Yes	□No
a. Was the VE test conducted at a pro				⊠ Yes	□No
Rate: <u>200 TPH</u>	· · · · · · · · · · · · · · · · · · ·				
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
	VE O	·, · · · ·			
	•	ity Limits		000 577	
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		ted, modif	-
	Subpart OOO	or reconstructed prior	or recon	structed or	ı or
		to 4/22/2008	after 4/2	2/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
	•	1 2,5	1		

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check ☑ 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 e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of	Yes	⊠ No
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)? 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 1. Does this facility learn records to show that it does not have the potential to emit:	(check 🗹 box for each o	only one question)
1. Does this facility keep records to show that it does not have the potential to emit: a) 10 tons per year or more of any hazardous air pollutant? b) 25 tons per year or more of any combination of hazardous air pollutants? c) 100 tons per year or more of any other regulated air pollutant?	- 🛛 Yes	□No □No □No
2. Does this facility include: a) any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? If YES, what non-exempt units or activities?	or	⊠No
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? If YES, what other general permit units or activities?		⊠No

3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to: a) 275,000 gallons of diesel fuel?	Yes □No propane/yr ≤ 1.00? consumption
GENERAL CONDITIONS	
1. Has the owner or operator allowed the circumvention of any air pollution control device, or	(check ✓ only one box for each question)
Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes \(\sigma\)No
2. Does the owner or operator: a) maintain the authorized facility in good condition?	
b) ensure that the facility maintains its eligibility to use the air general permit and complies with terms and conditions of the air general permit?	YesNo
to the facility at reasonable times to inspect and test and to determine compliance with the air ge permit and Department rules?	eneral
DELOCATA DI E DI ANTE	
 RELOCATABLE PLANT 1. The facility: ☐ is stationary; ☐ is relocatable; or ☐ consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 	
 2. For a relocated NMMP plant: a) did the owner or operator notify the appropriate Department or Local Air Program by telephole-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 to the Department or Local Air Program no later than five business days following relocations. 	? YesNo 0.900(6)]
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air permit, and the relocatable NMMP plant is <u>not</u> included as an emissions unit in that separate per a) was the relocatable NMMP plant being used for a non-routine purpose? If YES, what was the purpose? {Note: crushing recycled asphalt pavement (rap) at an asphalt plant is considered routine a therefore must be authorized in the facility's air construction or operation permit.} b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility?	rmit:
If YES, were any periods more than 6 months in any consecutive 12-month period?	YesNo

Administrative Changes: 1. Were there any changes in the name, address, or phone nu associated with a change in ownership or with a physical r operations comprising the facility; or any other similar mit 2. If YES, did the facility provide written notification within	relocation of the facility or any emissions units or nor administrative change at the facility? Yes	•
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? b) Alterations to existing process equipment without repla c) Replacement of existing equipment with equipment that d) A change in ownership?	Yes acement? Yes at is substantially different? Yes engistration form and the appropriate fee submitted	NoNoNoNoNo □No
Bill Rhodes Inspector's Name (Please Print)	12/21/2012 Date of Inspection 12/31/2013	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: The inspectors, Bill Rhodes and Damon Taylor, representing OCEPD, arrived at the site at approximately 8:40 AM, at the Double-D Crusher facility, to audit 7-EUs with 12 drop points. Kent Bottorf, representing Bottorf Associates, the consultant, and Eric Meeks, the facility contact, representing CEM Enterprises, Inc., were also present. VEs were audited 3 at a time for a total of 12-drop points. Visible emissions were audited on the crusher, and associated equipment, including conveyors, screens, a crusher diesel engine and a diesel generator. The observed opacity for the main crusher, screening, conveyors, was 0% opacity, with a crushing rate of approximately 200 TPH, which is the normal rate. The diesel generator and the crusher diesel engine were less than 20% opacity. During the inspection, no PM was observed leaving the property.