

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



COMPLIANCE INSPECTION CHECKLIST

IN	NSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY RE-INSPECTION (FUI) ARMS COMPLAINT NO:	(CI)					
AIRS ID#: 0951302 DATE: <u>8/29/2011</u> ARRIVE: <u>08:35AM</u> DEPART: <u>12:45PM</u>							
FA	FACILITY NAME: CEM ENTERPRISES-DOUBLE D CRUSHERS						
FA	FACILITY LOCATION: 12608 AVALON RD						
	WINTER GARDEN 34787-9743						
CC	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)884-9148 Mobile: (407)238-2328 Mobile: (407)509-3409						
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE							
PA	PART II: ONSITE INTRODUCTORY MEETING	(check 🗹 only one					
1.	. Name(s) of facility representative(s): Norma Meeks	box for each question)					
	Brief Notes:						
	Is the Authorized Representative still NORMA MEEKS?						
3.	If different, did the facility provide an administrative update within 30 days? Is the facility contact still ERIC MEEKS? If no, who is?:						
	. 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 2 –NMMP Plant-secondary crusher, 133x152, 400 T/hr

		(check 🗹	only one			
	b	ox for each	question)			
Is the	Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing Plants?					
(3 (5 ar	Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity approach, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (2) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (3) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlorad 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) Vermical (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ide, Kernite,				
or 2. Is 3. W 4. Is m bu wr ov ar pl	the EU located at a fixed or portable nonmetallic mineral processing plant that mix asphalt plant that has an aboveground crusher or grinding mill?		No No No			
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.						
su	the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or bpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process					
	by other EU that is subject to 40 CFR part 60 subpart F or subpart I?	☐ Yes	⊠No			
ca	apacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	⊠No			
ca	spacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	⊠No			
	qual 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	1	
	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	⊠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	⊠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
1 =	Teals Extra a least the second of the second		
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?	Yes	□ No
	initial startup of the EU? _\ N/A \{A "vent" is any opening through which there is mechanically induced air flow for the		∐ 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
	a. There initial ragitive emissions from non-vent building openings less than of equal to 7 % opacity?		10

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

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?					
initial startup of the EU?					
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.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?					
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b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?					
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? Yes					
23. Is a wet scrubber used to control emissions from the EU?					
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?					
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{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 {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo					
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 {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo					
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D II EL 18 SUDJECT TO 40 C EK SUDDATT CICLO?					
i. has the EU been tested during each of the past 4 calendar years? YesNo					
ii. has the EU been tested during each of the past 4 calendar year? YesNo					
11. has the EU been tested yet within the current calendar year? [] Yes [A]No					
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?					
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo					
Rate: <u>225TPH</u>					
b. Was the VE test conducted according to EPA Method 9? YesNo					
c. The VE test resulted in an opacity of 0.0% for the highest six-minute average.					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No					
26 Was a VE test conducted by the impressor for this unit during this site visit?					
26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?					
Rate: 225TPH					
b. Was the VE test conducted according to EPA Method 9? YesNo					
c. The VE test resulted in an opacity of <u>0.0</u> % for the highest six-minute average.					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No					
a. 21d a.c. 12 test demonstrate compliance with the option of many (see charges).					
VE Opacity Limits Film of multipated to Submort OOO Film Submort OOO Film					
EU not subject to Subpart OOO EU Subpart OOO EU					
40 CFR 60 constructed, modified, constructed, modified,					
Subpart OOO or reconstructed prior or reconstructed on or					
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 3 –NMMP Plant-screener, 6x16, 96 sq ft

		(check ☑	only one				
	ŀ	ox for each	question)				
Is	Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing Plants?						
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; ide, 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	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						
		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	M N-				
R	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	d	
	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.}		
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		
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 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?	∐ 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 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 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? \[\Boxed{N/A}	Y	Yes	☐ No
18. Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	<u> </u>	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?	- <u> </u> 1	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

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? ———————————————————————————————————					
initial startup of the EU?					
{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.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?					
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c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? YesNo 23. Is a wet scrubber used to control emissions from the EU?					
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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?					
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instructions?					
{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 [Note: The monitoring device must be certified by the manufacturer to be accurate within +5%]					
{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 [Note: The monitoring device must be certified by the manufacturer to be accurate within +5%]					
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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 +5%					
Note: The monitoring device must be certified by the manufacturer to be accurate within +5%					
24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010					
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? X Yes No					
b. If EU is subject to 40 CFR subpart OOO:					
i. has the EU been tested during each of the past 4 calendar years? 🛛 Yes 🔲No					
ii. has the EU been tested yet within the current calendar year? Yes \oxedexNo					
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? YesNo					
a. Was the VE test conducted at a process rate that is representative of the normal rate? 🛛 Yes 🗀No					
Rate: <u>225TPH</u>					
b. Was the VE test conducted according to EPA Method 9? 🛛 Yes 🗀No					
c. The VE test resulted in an opacity of 0.0% for the highest six-minute average.					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) 🛛 Yes 🗀No					
26. Was a VE test conducted by the <i>inspector</i> for this unit during this site visit?					
a. Was the VE test conducted at a process rate that is representative of the normal rate? X Yes					
Rate: <u>225TPH</u>					
b. Was the VE test conducted according to EPA Method 9? YesNo					
c. The VE test resulted in an opacity of <u>0.0</u> % for the highest six-minute average.					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) X YesNo					
VE Opacity Limits					
EU not subject to Subpart OOO EU Subpart OOO EU					
40 CFR 60 constructed, modified, constructed, modified,					
Subpart OOO or reconstructed prior or reconstructed on or					
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 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, Granities 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				
	□ 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	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?	□ Vas	□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				
ð.	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				

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.}	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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,	□ x z	
	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.}		
T.C			
	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
	bpart 000 so skip the following questions and go directly to Question 24.		
IJ	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 on reconstructed on an effort 4/22/20089	□ Vaa	□ No
14	. 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 capture system (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		
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
15	If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
13	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
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the}$	Lites	☐ 1 10
	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
	a. Were find a ragitive emissions from non-vent building openings less than of equal to 7% opacity?	1Cs	□10

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 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
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
 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

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? (A "vent" is any opening through which there is mechanically induced air flow for the purpose of echausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? YesNo c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? YesNo c. Wore initial fugitive emissions from the EU? YesNo c. Wore initial fugitive emissions from the EU? Yes	22. If the EU is a building enclosing any	y other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?	• •					
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. b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	 a. Was an initial PM stack test performance 	med on each vent contro	ol device within 180 days of			
purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.] b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?				/A	☐ Yes	☐ No
Description	$\{A \text{ "vent" is any opening through whith}$	ich there is mechanicall	y induced air flow for the			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 g/dscf) ves	purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 g/dscf) ves	one or more affected EUs.}					
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-		ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
23. 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?	č	C 1			_	_
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?	23. Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	□No
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?						
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?			oss of the gas stream through the	2		
Instructions?						
Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.} and					☐ Yes	□No
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?						
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 {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested yet within the current calendar year? Yes No 25. Was a VE test conducted by the owner/operator for this unit during this site visit? Yes No a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of 10% for the highest six-minute average. d. Did the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA method 9? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA method 9? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA method 9? Yes No c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No c. The VE test resulted in an opacity of 5.42% for the highest six-minute		•				
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 No flower: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested yet within the current calendar year? Yes No a. Was the VE test conducted by the owner/operator for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test demonstrate compliance with the opacity limit? (See chart below) Yes No Rate: 225TPH c. Was the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 225TPH c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No Rate: 225TPH c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No Rate: 225TPH c. The VE test resulted in an opacity of 5.42% for the highest six-minute avera		,				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? -		ement of the scrubbing	liquid flow rate to the wet scrub	ber and the	e	
Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 80 subpart OOO, has the EU been tested within the past 5 years?						□No
24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes No b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? Yes No ii. has the EU been tested yet within the current calendar year? Yes No Yes No a. Was the VE test conducted by the owner/operator for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No c. The VE test resulted in an opacity of 10% for the highest six-minute average. d. Did the VE test conducted by the inspector for this unit during this site visit? Yes No 26. Was a VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 225TPH b. Was the VE test conducted by the inspector for this unit during this site visit? Yes No Rate: 225TPH c. The VE test resulted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted at a process rate that is representative of the normal rate? Yes No Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? Yes No Rate: 225TPH c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) Yes No No Yes No						
24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010 a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?						
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?		,				
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?	24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 2/25/2010			
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?				years?	⊠ Yes	□No
i. has the EU been tested during each of the past 4 calendar years?					_	_
ii. has the EU been tested yet within the current calendar year?			ndar years?		Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of 10% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo VE Opacity Limits EU not subject to 40 CFR 60					☐ Yes	⊠No
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of 10% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: 225TPH b. Was the VE test conducted according to EPA Method 9? YesNo c. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo VE Opacity Limits EU not subject to 40 CFR 60						
Rate: 225TPH b. Was the VE test conducted according to EPA Method 9?						□No
b. Was the VE test conducted according to EPA Method 9?		cess rate that is represe	ntative of the normal rate?		⊠ Yes	□No
c. The VE test resulted in an opacity of 10% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). 26. Was a VE test conducted by the inspector for this unit during this site visit? a. Was the VE test conducted at a process rate that is representative of the normal rate? B. Was the VE test conducted according to EPA Method 9? C. The VE test resulted in an opacity of 5.42% for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). VE Opacity Limits EU not subject to 40 CFR 60						
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)					⊠ Yes	□No
26. Was a VE test conducted by the inspector for this unit during this site visit? ————————————————————————————————————						
a. Was the VE test conducted at a process rate that is representative of the normal rate? ————————————————————————————————————	d. Did the VE test demonstrate compl	liance with the opacity l	limit? (See chart below)		⊠ Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? ————————————————————————————————————						_
Rate: 225TPH b. Was the VE test conducted according to EPA Method 9?						=
b. Was the VE test conducted according to EPA Method 9?	•	cess rate that is represe	ntative of the normal rate?		⊠ Yes	∐No
c. The VE test resulted in an opacity of <u>5.42</u> % for the highest six-minute average. d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————	Rate: <u>225TPH</u>				5	
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). VE Opacity Limits EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system VE Opacity Limits Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% 12%					⊠ Yes	∐No
VE Opacity Limits EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed prior to 4/22/2008 Crusher with no capture system VE Opacity Limits Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008 15% 12%					- -	
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	d. Did the VE test demonstrate compl	liance with the opacity l	limit? (See chart below)		⊠ Yes	∐No
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008						
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008		VF Onac	itv I imits			
40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system crusher with no ca			T	Subport	OOO FII	
Subpart OOO or reconstructed prior to 4/22/2008 or reconstructed on or after 4/22/2008 Crusher with no capture system 20% 15% 12%			_	_		ho
to 4/22/2008 after 4/22/2008 Crusher with no capture system 20% 15% 12%			· · · · · · · · · · · · · · · · · · ·			
Crusher with no capture system 20% 15% 12%		Suppart OOO	_			or
				after 4/2		
All other affected EUs 20% 10% 7%						
	All other affected EUs	20%	10%		7%	

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

		(check 🗹	only one
	1	oox for each	question)
Te	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Procession		,
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, 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 (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty ee, 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)?		□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	□No
4.	Is the EU one of the following?	Yes	□No
	\square crusher, \square grinding mill, \square bucket elevator, \boxtimes belt conveyor, \square 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	□ x z	
_	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	□ Vas	⊠ No
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
_			

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		
	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	0	
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet	ted	
	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		
	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.		
LJ '	ine diswer to die of the six Questions 3-10 doore is 110 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 capture system (equipment including enclosures,		
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	⊠No
	1200ds, 1mis, dumpers, every to expedite and dumpport particular to a conduct do (100)		
<i>If</i>	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
	$\{A\ "vent"\ is\ any\ opening\ through\ which\ there\ is\ mechanically\ induced\ air\ flow\ for\ the$		
	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

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

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 					
initial startup of the EU?		🖂 N	/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				Yes	□No
č	C 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	•				
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					□No
{Note: The monitoring device m					
of design scrubbing liquid flow					
	,				
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 2/25/2010			
a. If EU is not subject to 40 CFR 60 s			vears?	⊠ Yes	□No
b. If EU is subject to 40 CFR subpart				_	_
i. has the EU been tested during		ndar years?		⊠ Yes	□No
ii. has the EU been tested yet wi				Yes	⊠No
·		•		_	_
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: <u>225TPH</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	iance with the opacity l	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: <u>225TPH</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 l	limit? (See chart below)		⊠ Yes	□No
	VE Ongo	ity Limits			
		T	Cubnant	.000 EII	
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		cted, modifi	
	Subpart OOO	or reconstructed prior		structed or	or
		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 6 –NMMP Plant-conveyor-belt, 60x24, 30"

		(check 🗹	only one
	ł	ox for each	question)
Ις	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
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.}		
	air carrying particulate matter (FM) emissions from one or more affected EOs.}		
	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 1	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

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	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?	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

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?
initial startup of the EU?
{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.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?
purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? YesNo 23. Is a wet scrubber used to control emissions from the EU? YesNo 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?
23. Is a wet scrubber used to control emissions from the EU? ———————————————————————————————————
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?
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?
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?
instructions? YesNo {Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.}
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.}
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.} and
pascals +1 inch water gauge pressure.} and
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? YesNo
Note: The monitoring device must be certified by the manufacturer to be accurate within +5%
of design scrubbing liquid flow rate.}
24. When was the last VE test conducted by the owner/operator for this EU? 2/25/2010
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? 🛛 Yes 🔲 No
ii. has the EU been tested yet within the current calendar year? Yes \inftyNo
<u> </u>
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? Yes Yes
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo
Rate: <u>225TPH</u>
b. Was the VE test conducted according to EPA Method 9?
c. The VE test resulted in an opacity of 0.0% for the highest six-minute average.
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo
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
Rate: <u>225TPH</u>
b. Was the VE test conducted according to EPA Method 9?
c. The VE test resulted in an opacity of <u>0.0</u> % for the highest six-minute average.
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) 🖂 Yes 🗀No
VE Opacity Limits
EU not subject to Subpart OOO EU Subpart OOO EU
40 CFR 60 constructed, modified, constructed, modified,
Subpart OOO or reconstructed prior or reconstructed on or
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 7 –NMMP Plant-conveyor-belt, 80x24, 36"

		(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) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	y e, Gravel; Salt; ide, 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		
_	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes 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
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or	1 es	₩140
•	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?	Π,	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)		100	
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?	\boxtimes	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
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	NoNoNoNoNoNo

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 performance 						
initial startup of the EU?		🛛 N/	'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				Yes	□No	
č	C 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 pre	•					
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					□No	
{Note: The monitoring device m						
of design scrubbing liquid flow						
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 2/25/2010				
			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		ndar vears?		⊠ Yes	□No	
				Yes	⊠No	
ii. has the 150 occir tested yet within the editent edicital 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 pro	cess rate that is represe	ntative of the normal rate?		Yes	□No	
Rate: <u>225TPH</u>	_					
b. Was the VE test conducted accordi	ing to EPA Method 9? -			Yes	□No	
c. The VE test resulted in an opacity						
d. Did the VE test demonstrate compl	liance with the opacity l	limit? (See chart below)		Yes	□No	
-						
26. Was a VE test conducted by the inst	<i>pector</i> for this unit du	ring this site visit?		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>225TPH</u>						
b. Was the VE test conducted accordi				Yes	□No	
c. The VE test resulted in an opacity	of 0.0% for the highest	six-minute average.				
d. Did the VE test demonstrate compl	liance with the opacity l	limit? (See chart below)		Yes	□No	
	L/E O	•, • •,				
VE Opacity Limits						
	EU not subject to	Subpart OOO EU	_	000 EU	_	
	40 CFR 60	constructed, modified,		cted, modifi		
	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%		
	2070	1 2070	<u> </u>	.,,		

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

Sethe Emissions Unit (EU) subject to 40 CFR part 60 subpart OOQ — Nonmetallic Mineral Processing Plants? Note: "Nonmetallic mineral" means any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quart, Quartic, Martl, 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; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (3) Clay including Solium Curbonate, Sodium Chloride, and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Tade and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemantie; (11) Bartie; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermicultie; (17) Mica; (18) Kyanite, including Andalusite, Sillimantie, 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?			(check 🗹	only one
Alone: "Nommetallic 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, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Cloride, 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) 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)
Alone: "Nommetallic 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, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Cloride, 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) 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?	Is			•
or hot mix asphalt plant that has an aboveground crusher or grinding mill?		{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, Granic 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		
3. Was the EU constructed, modified, or reconstructed after August 31, 1983?		or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Yes	□No
4. Is the EU one of the following? —				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?				
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 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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□ 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?				
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?				
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		
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.			
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.			
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	7.			□ N.
equal to 9 megagrams/hour (10 tons/hour)?	Q		⊥ Yes	∐N0
	0.	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

8 –NMMP Plant-generator diesel RICE, 275 Hp

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?	ed 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

8 –NMMP Plant-generator diesel RICE, 275 Hp

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	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 * 1 * 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:	103	
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)?	□ Yes	□No
recorded in the written of electronic togotok as required by 10 cf it 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 <i>capture system</i> (equipment including enclosures,		
Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes Yes	□No
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of	□ 3 7	
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)?d. If yes, was the opacity less than or equal to 7% opacity?	Yes Yes	□No □No
a. 11 yes, was the opacity less than of equal to 770 opacity?		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1 cs	

8 –NMMP Plant-generator diesel RICE, 275 Hp

22.If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em					
a. Was an initial PM stack test perfo	rmed on each vent contr	col device within 180 days of			
initial startup of the EU?			V/A	Yes Yes	☐ No
{A "vent" is any opening through wh					
purpose of exhausting from a buildin	g air carrying particula	te matter (PM) emissions from			
one or more affected EUs.}					_
b. Was the EU found to be in compli				∐ Yes	∐No
c. Were initial fugitive emissions fro	m non-vent building op	enings less than or equal to 7%	opacity?	Yes Yes	□No
23. Is a wet scrubber used to control e	missions from the EU?			☐ Yes	□No
If yes, does the owner/operator maint					
a. a device for the continuous measu		oss of the gas stream through th	ne		
scrubber and the device has bee					
instructions?				☐ Yes	□No
{Note: The monitoring device i					
pascals +1 inch water gauge pro	•		. 200		
and					
b. a device for the continuous measu	rement of the scrubbing	liquid flow rate to the wet scr	ibber and th	e	
device has been calibrated on a				☐ Yes	□No
{Note: The monitoring device i					
of design scrubbing liquid flow	-	manaracturer to be accurate with	1370		
8 1	,				
24. When was the last VE test conduct	ed by the owner/opera	tor for this EU? 2/25/2010			
a. If EU is not subject to 40 CFR 60			vears?	X Yes	□No
b. If EU is subject to 40 CFR subpar		e seen testee within the pust s	y cars.		
i. has the EU been tested durin		ndar vears?		Yes	□No
ii. has the EU been tested yet w	ithin the current calend:	ar vear?		Yes	⊠No
, ,		, , , , , , , , , , , , , , , , , , ,			
25. Was a VE test conducted by the on	<i>ner/operator</i> for this u	nit during this site visit?		Yes	□No
a. Was the VE test conducted at a pr				🕅 Yes	□No
Rate: <u>225TPH</u>	1				
b. Was the VE test conducted accord	ding to EPA Method 9?			Yes	□No
c. The VE test resulted in an opacity				_	_
d. Did the VE test demonstrate comp				Yes	□No
	,,				
26. Was a VE test conducted by the ins	spector for this unit du	ring this site visit?		⊠ Yes	□No
a. Was the VE test conducted at a pr				Yes	□No
Rate: 225TPH					
b. Was the VE test conducted accord	ding to EPA Method 9?			X Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp				Yes	□No
		`			
		city Limits	T		
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	constru	cted, modi	fied,
	10 01 11 00	, , , , , , , , , , , , , , , , , , , ,			
		or reconstructed prior	or recor	istructea a	n or
	Subpart OOO	or reconstructed prior to 4/22/2008		nstructed o 22/2008	on or
Crusher with no conture system	Subpart OOO	to 4/22/2008	after 4/2	22/2008	on or
Crusher with no capture system All other affected EUs		_			on or

Facility Section (continued)

REASONABLE PRECAUTIONS FOR UNCONFINED EMISSIONS	(check 🗹 box for each	•
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)? 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)? 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 1. Does this facility bean records to show that it does not have the notantial to smit.	(check ☑ box for each o	only one question)
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?	- X 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) o 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?		⊠No
If YES, what other general permit units or activities?		

<u>(</u>	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 ∷.No
	ENERAL CONDITIONS Use the current or operator ellowed the circumsucation of any circumsulation control devices on	(check ☑ box for each	only one question)
	Has the owner or operator allowed the circumvention of any air pollution control device, or Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	☐ Yes	⊠No
3.	b) ensure that the facility maintains its eligibility to use the air general permit and complies with all terms and conditions of the air general permit?	Yes	No
	to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?	- 🛚 Yes	□No
RF	ELOCATABLE PLANT	(check 🗹	only one
1.	The facility: \boxtimes is stationary; \square is relocatable; or \square consists of both stationary and relocatable NMMP and/or concrete batching plants. (<i>If only stationary, skip the following questions 2 and 3.</i>)	box for each	question)
	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?	tion - Yes	□No
	If YES, were any periods more than 6 months in any consecutive 12-month period?	Yes	□No

Administrative Changes: 1. Were there any changes in the name, address, or phone nur associated with a change in ownership or with a physical re operations comprising the facility; or any other similar mir 2. If YES, did the facility provide written notification within	elocation 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 tha d) A change in ownership?	Yes acement?	∷No∴No∴No∴No∴No∴No
Assefa Hailemariam Inspector's Name (Please Print)	8/29/2011 Date of Inspection	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: The inspector, Assefa Hailemariam, met with the consultant from Bottorf Associates Inc, on August 29,2011, to audit the annual compliance test on the concrete rock crusher. On this date, 12 drop point visible emission tests were conducted on the crusher and associated equipment. The observed opacity for the main crusher, screening, transfer and discharge was zero percent and crushing rate was 200 to 250 TPH. The diesel generator and the crusher diesel engine observed opacity was less than 20%. During the inspection, no PM was leaving the property, no odors were noted and the roads and yard were wet at the time of the inspection.