WHEITUL PROTECTION
Same Manue
FLORIDA

NON-METALLIC MINERAL PROCESSING PLANTS



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE:	ANNUAL (INS1, INS2) RE-INSPECTION (FUI)		/DISCOVERY (CI)		
AIRS ID#: 7775547 DA FACILITY NAME: SE		ARRIVE: <u>1:30P</u>	PM DEPART: <u>2:05PM</u>		
FACILITY LOCATION	-	-			
OWNER/AUTHORIZE Email: fjc@atlanticc CONTACT NAME: F Email: fjc@atlanticc ENTITLEMENT PERI	FRANK CARROLL civil.net	/2014	PHONE:(305)670-9610Mobile:(305)975-4511PHONE:(305)670-9610Mobile:(305)975-4511		
Facility Section					

PART I: INSPECTION COM	MPLIANCE STATUS (check 🗹 onl	y one box)	
IN COMPLIANCE	MINOR Non-COMPLIANCE	SIGNIFICANT Non-COMPLIANCE	

PA	ART II: <u>ONSITE INTRODUCTORY MEETING</u>	(check 🗹	
1.	Name(s) of facility representative(s): <u>Andy Penfield</u>	box for each	question)
	Brief Notes:		
2.	Is the Authorized Representative still FRANK CARROLL?	Xes Yes	No
3.	If different, did the facility provide an administrative update within 30 days? Is the facility contact still FRANK CARROLL?	☐ Yes ⊠ Yes	□No □No
4.	Will facility be conducting VE test(s) during today's inspection?		⊠No □No

Emissions Unit Section <u>1-CONVEYOR #1</u>

(check 🗹	only one
how for each	question)

 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 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 8. Is the EU located at a common clay plant or pumice plant with capacity less than or 		t	box for each	question)
or hot mix asphalt plant that has an aboveground crusher or grinding mill? Yes 2. Is the EU located above ground (i.e., not in an underground mine)? Yes 3. Was the EU constructed, modified, or reconstructed after August 31, 1983? Yes 4. Is the EU one of the following? Yes ✓ crusher, prinding mill, buck elevator, belt conveyor, bagging operation, storage bin, enclosed truck loading station gaterial according to size of nonmetallic minerals embedded in recycled 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; Yes ✓ corening 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.)	<u>Is</u>	 {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice 	y e, Gravel; Salt; ride, Kernite,	
 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? Yes 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 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 8. Is the EU located at a common clay plant or pumice plant with capacity less than or 	2. 3.	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Yes Yes	□No □No □No □No
 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 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 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)?	su	bpart OOO so skip the following questions and go directly to Question 24.		
	6. 7.	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? 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 No No No

<u>1-CONVEYOR #1</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	☐ 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? N/A <i>{A "vent" is any opening through which there is mechanically induced air flow for the</i> <i>purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i> 	🗌 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?	YesYesYes	□No □No □No

<u>1-CONVEYOR #1</u>

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	· 🗋 Yes	LNo
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the	2	
device has been calibrated on an annual basis in accordance with manufacturer's instructions?		□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)?		L.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 Tasta		
21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	☐ Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	\square Yes	\square No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	\square Yes	□No
d. If yes, was the opacity less than or equal to 7% opacity?	\square Yes	□No
, ,		

<u>1-CONVEYOR #1</u>

22. If the EU is a building enclosing any		and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A Yes					
			A Yes	∐ No	
$\{A \text{ "vent" is any opening through white } for a shift dimension of each substitute from a shift dimension of the second state of the second st$					
purpose of exhausting from a building	g air carrying particulat	e matter (PM) emissions from			
one or more affected EUs.} b. Was the EU found to be in complia	ance with the DM limit ($\int 0.05 \mathrm{g}/\mathrm{dsom}(0.022 \mathrm{gr}/\mathrm{dsof})^2$	Yes	□No	
c. Were initial fugitive emissions from		-		□No	
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	rement of the pressure lo	oss of the gas stream through the	2		
scrubber and the device has been	n calibrated on an annua	l basis in accordance with man	ufacturer's		
instructions?			Yes	No	
{Note: The monitoring device n	•	nanufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and		linuid flammate to the suit and	- h		
b. a device for the continuous measure device has been calibrated on an				□No	
{Note: The monitoring device n					
of design scrubbing liquid flow		handracturer to be accurate with	III + 570		
or design serubbing riquid now	rate. j				
24. When was the last VE test conducte	ed by the owner/operat	or for this EU? <u>6/14/2012</u>			
a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the El	U been tested within the past 5	years? 🗌 Yes	No	
b. If EU is subject to 40 CFR subpart					
i. has the EU been tested during				No	
ii. has the EU been tested yet within the current calendar year? 🛛 Yes 🗌No					
25 Weg a VE test conducted by the sur	n an/an angtan fan thia un	it during this site visit?		XNo	
25. Was a VE test conducted by the <i>ow</i> a. Was the VE test conducted at a pro-				\square No	
Rate:	cess rate that is represent			NO	
b. Was the VE test conducted accord	ing to EPA Method 9? -		Yes	□No	
c. The VE test resulted in an opacity	of % for the high	est six-minute average.			
d. Did the VE test demonstrate comp	liance with the opacity l	imit? (See chart below)	Yes	No	
1	1 5	``````			
26. Was a VE test conducted by the ins	<i>pector</i> for this unit dur	ing this site visit?	Ves	🖾No	
a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo					
Rate:			_	_	
b. Was the VE test conducted accord			Yes	No	
c. The VE test resulted in an opacity of% for the highest six-minute average.					
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo					
	VE Opaci	ity Limits			
	EU not subject to Subpart OOO EU Subpart OOO EU				
	40 CFR 60	constructed, modified,	constructed, modif	ïed.	

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>2 -CONVEYOR #2</u>

Ш

	(check	\checkmark	only on	e
1	c	1		`

		box for each	question)
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processi	ng Plants?	
	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the major		
	is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Grani		
	Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and	l Gravel;	
	(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.}		
	(17) mea, (10) meaning maaning maaning, summarine, reput, and Dumermerner		
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?	X Yes	□No
2	Is the EU located above ground (i.e., not in an underground mine)?	\boxtimes Yes	No
3	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	\square No
4	Is the EU one of the following?	\square Yes	\square No
••	\boxtimes crusher, \square grinding mill, \square bucket elevator, \square 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;		
	\boxtimes 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.		
	ar currying particulate matter (1 M) emissions from one or more affected £05.7		
Tf	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.		
	the answer to an of the four Questions 1-4 above is Tes 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?	X 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)?	Xes	No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	<u> </u>	
1	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
1			

<u>2 -CONVEYOR #2</u>

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?			
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			
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?		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? N/A {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 		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

<u>2 -CONVEYOR #2</u>

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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,	□ V.	
were initial fugitive emissions less than or equal to 7% opacity? N/A	∐ Yes	L No
18.Is a wet scrubber used to control emissions from the EU?	T Yes	□No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		—
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the	e	_
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	Yes	L.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?	T 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 Dess the FU have a monthemista motion and means motion (a minment in the line and a more		
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?	Var	
Hoods, rails, dampers, etc.) to capture and transport particulate matter to a control device?		LNo
21.Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	T 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
	—	

<u>2 -CONVEYOR #2</u>

2	2. 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 perfor initial startup of the EU?			Δ □	Yes 🗌 No
	{A "vent" is any opening through wh				
	purpose of exhausting from a building				
	one or more affected EUs.}	, an ean jung partienan			
	b. Was the EU found to be in compli	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)? -		YesNo
	c. Were initial fugitive emissions fro	m non-vent building ope	enings less than or equal to 7% of	ppacity?	YesNo
2	3. Is a wet scrubber used to control er	nissions from the EU?			YesNo
	If yes, does the owner/operator maint				
	a. a device for the continuous measure				
	scrubber and the device has bee				_
	instructions?				YesNo
			nanufacturer to be accurate with	1n + 250	
	pascals +1 inch water gauge pre	ssure.}			
	<i>and</i> b. a device for the continuous measured	rement of the scrubbing	liquid flow rate to the wet scrub	her and the	
	device has been calibrated on ar				YesNo
			nanufacturer to be accurate with		
	of design scrubbing liquid flow	•			
2	4. When was the last VE test conducted				
	a. If EU is not subject to 40 CFR 60	1	U been tested within the past 5 y	vears?	YesNo
	b. If EU is subject to 40 CFR subpart				_
	i. has the EU been tested during				=
	ii. has the EU been tested yet wi	thin the current calenda	r year?	🛛	YesNo
2	5. Was a VE test conducted by the <i>ow</i>	<i>ner/onerator</i> for this u	nit during this site visit?		Yes 🖾No
	a. Was the VE test conducted at a pro-				YesNo
	Rate:	I III			
	b. Was the VE test conducted accord	ing to EPA Method 9? -			YesNo
	c. The VE test resulted in an opacity	of% for the highe	est six-minute average.		
	d. Did the VE test demonstrate comp	liance with the opacity l	imit? (See chart below)		YesNo
			• 4.• • • • • • • • • • • • • • • • • •		V N
2	6. Was a VE test conducted by the <i>ins</i>				Yes 🖾No
	a. Was the VE test conducted at a pro Rate:	cess rate that is represe.		L	YesNo
Í	b. Was the VE test conducted accord	ing to EPA Method 9? -			YesNo
Í	c. The VE test resulted in an opacity				
Í	d. Did the VE test demonstrate comp			·	YesNo
	1	1	· /		
		VE Opac	ity Limits		
Í		EU not subject to	Subpart OOO EU	Subpart OO	O EU
1		40 CFR 60	constructed modified	constructed	

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>3-CONVEYOR #3</u>

(check 🗹	only one
have for soal	augustion)

	box for each questi	ion)
 Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of is any of the following minerals: (1) Crushed and Broken Stone, including Limestone Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and S (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Commetal Softward (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	Mineral Processing Plants? of which the majority e, Dolomite, Granite, Shell; (2) Sand and Gravel; yon Clay; (4) Rock Salt; mate, Sodium Chloride, n, including Borax, Kernite, Perlite; (16) Vermiculite; e Yes ration, y; llic , g ing ng	No No No
 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 b 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 subpart OOO so skip the following questions and go directly to Question 24. 	in puilding t to	
If the answer to all of the four Questions 1-4 above is "Yes" then continue to Quest 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or	101 5.	
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?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)? 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) ?		
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) ?		No

<u>3 -CONVEYOR #3</u>

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

<u>3 -CONVEYOR #3</u>

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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?	∐ Yes	∐No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		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	2	
device has been calibrated on an annual basis in accordance with manufacturer's instructions?		□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	L.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?		□No
rissus, rans, dampers, etc.) to capture and transport particulate matter to a control device:		
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	TYes	No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	TYes	No
d. If yes, was the opacity less than or equal to 7% opacity?	Yes	No

<u>3 -CONVEYOR #3</u>

22. If the EU is a building enclosing any		and all enclosed EUs are not		
individually in compliance with emi				
a. Was an initial PM stack test perform				
initial startup of the EU?			/A Yes	∐ No
$\{A \text{ "vent" is any opening through white } A$				
purpose of exhausting from a building	air carrying particulat	e matter (PM) emissions from		
one or more affected EUs.}	'(1, (1, , D)) (1',')	CO 05 (1) (0 022 (1) 02		
b. Was the EU found to be in complia				L.No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity? 🗌 Yes	LNo
23. Is a wet scrubber used to control en	nissions from the EU?		Yes	No
If yes, does the owner/operator mainta	in and operate:			
a. a device for the continuous measur				
scrubber and the device has beer			ufacturer's	_
instructions?			Yes	No
{Note: The monitoring device m	-	nanufacturer to be accurate with	nin +250	
pascals +1 inch water gauge pres	ssure.}			
and				
b. a device for the continuous measur				
device has been calibrated on an			_	LNo
{Note: The monitoring device m	-	nanulacturer to be accurate with	11n +5%	
of design scrubbing liquid flow i	rate.}			
24. When was the last VE test conducte	d by the owner/onerat	or for this EU? 6/24/2012		
a. If EU is not subject to 40 CFR 60 s			vears? 🗌 Yes	No
b. If EU is subject to 40 CFR subpart		e been tested within the pust b		
i. has the EU been tested during		ndar years?	Xes	No
ii. has the EU been tested yet wi	thin the current calendar	r year?	Xes	No
		2	—	
25. Was a VE test conducted by the own	<i>ver/operator</i> for this un	it during this site visit?	Yes	🖾No
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?	Yes	No
Rate:				
b. Was the VE test conducted accordi			Ves	No
c. The VE test resulted in an opacity of			_	_
d. Did the VE test demonstrate compl	iance with the opacity l	imit? (See chart below)	Yes	LNo
26 Was a VE test conducted by the inst	nantau fau thia unit duu	ing this site visit?		\bigtriangledown No
26. Was a VE test conducted by the <i>insp</i> a. Was the VE test conducted at a pro				⊠No □No
Rate:	cess fale that is represen			
b. Was the VE test conducted accordi	ng to FPA Method 09		Yes	No
c. The VE test resulted in an opacity				
d. Did the VE test demonstrate compl			Yes	No
	VE Opaci	ity Limits		
	EU not subject to	Subpart OOO EU	Subpart OOO EU	
	40 CFR 60	constructed, modified,	constructed, modi	
	Subnart OOO	or reconstructed prior	or reconstructed of	,

	40 CFR 60 Subpart OOO	constructed, modified, or reconstructed prior to 4/22/2008	constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>4-CONVEYOR #4</u>

Ш

(check 🗹	only one
1 C 1	· · ·

	t	box for each o	question)	
Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processir	g Plants?		
-0	<i>{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit</i>			
	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 Chlor			
	and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax,			
	and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic	llite;		
	(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?	Yes Yes	L.No	
2.	Is the EU located above ground (i.e., not in an underground mine)?	Yes Yes	L.No	
3.	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	LNo	
4.	Is the EU one of the following?	Yes	LNo	
	\square crusher, \square grinding mill, \square bucket elevator, \square 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;			
	\boxtimes 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.}			
	ar carrying particulate matter (1 M) emissions from one of more affected 203.7			
Tf	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.			
11	the answer to an of the four Questions 1-4 above is Tes 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?	T Yes	□No	
6	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		110	
υ.	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	X Yes	□No	
7				
/.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a	V var		
0	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes Yes	LNo	
0.	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) ?			
l		Yes	No	

4-CONVEYOR #4

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 ! 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
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 subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.			
11. When was the EU last constructed, modified, or reconstructed?			
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?		Yes	No
If answer to Question 12 is "No" skip the following questions and go directly to Question 20			
13.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?		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? N/A {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 		Yes	🗌 No
one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes Yes Yes	□No □No □No

4-CONVEYOR #4

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	- 🗌 Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		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 ?	Yes	LNo
{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)?		□No
recorded in the written of electronic logbook as required by 40 CFK 00.070(0)?		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?	L Yes	LNo
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	No No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	No
d. If yes, was the opacity less than or equal to 7% opacity?	Yes	No

4-CONVEYOR #4

22. If the EU is a building enclosing any	v other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perfor		ol device within 180 days of			
initial startup of the EU?			/A	Yes	No No
{A "vent" is any opening through whi				—	—
purpose of exhausting from a building					
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				TYes	No
C C		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	ement of the pressure lo	oss of the gas stream through the	9		
scrubber and the device has been	n calibrated on an annua	I basis in accordance with man	ufacturer's		
instructions?				Yes	No
{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and					
b. a device for the continuous measur	rement of the scrubbing	liquid flow rate to the wet scrub	ober and th	e	
device has been calibrated on an				Yes	No
{Note: The monitoring device m	nust be certified by the n	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte				_	_
a. If EU is not subject to 40 CFR 60 s	1	U been tested within the past 5	years?	Yes	No
b. If EU is subject to 40 CFR subpart				_	_
i. has the EU been tested during	geach of the past 4 caler	ndar years?		Yes Yes	No
ii. has the EU been tested yet wi	thin the current calendar	r year?		🛛 Yes	No
25. Was a VE test conducted by the <i>own</i>				Yes	XNo
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?		Yes	No
Rate:					
b. Was the VE test conducted accord				Yes	No
c. The VE test resulted in an opacity				—	
d. Did the VE test demonstrate comp	liance with the opacity I	imit? (See chart below)		∐ Yes	LNo
26. Was a VE test conducted by the <i>ins</i>				Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?		Yes	LNo
Rate:					
b. Was the VE test conducted accordc. The VE test resulted in an opacity				Yes	No
1 2		ę		V ac	
d. Did the VE test demonstrate comp	nance with the opacity I	mint: (See chart below)		Yes	No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	: OOO EU	
	40 CFR 60	constructed, modified,	-	cted, modifi	ied.
	Subpart OOO	or reconstructed prior		structed or	· ·
		to 4/22/2008	after 4/2		

20%

20%

15%

10%

Crusher with no capture system

All other affected EUs

12%

7%

Emissions Unit Section <u>6-CONVEYOR #5</u>

(check	\checkmark	only or	ne
c	1		~

		box for each	n question)
1. 2. 3. 4. If su	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Process {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the major is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Gran Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand an (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 Chl and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Bora. and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermi (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 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?	ity ite, d Gravel; s Salt; oride, x, Kernite, culite; ⊠ Yes □ Yes	□No □No □No □No
	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
	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
а.	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

<u>6 – CONVEYOR #5</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)? d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A {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.} 	🗌 Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

<u>6 – CONVEYOR #5</u>

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	ng	
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?	∐ Yes	∐No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?		□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	L.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
1100000, 1220, 2011, 000, 000, 000 equate and dansport particulate matter to a control device.		
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	TYes	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

<u>6 – CONVEYOR #5</u>

22. If the EU is a building enclosing an	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with em	issions limits:				
a. Was an initial PM stack test perfor					_
initial startup of the EU?			/A	Yes	No No
{A "vent" is any opening through wh					
purpose of exhausting from a building	g air carrying particulat	e matter (PM) emissions from			
one or more affected EUs.}				_	_
b. Was the EU found to be in compli-				Yes	L.No
c. Were initial fugitive emissions from	m non-vent building ope	enings less than or equal to 7% of	opacity?	Yes	LNo
23. Is a wet scrubber used to control en	nissions from the EU?			Yes	No
If yes, does the owner/operator maint					
a. a device for the continuous measur	rement of the pressure lo	oss of the gas stream through the	9		
scrubber and the device has been					
instructions?				Yes	No
{Note: The monitoring device n	nust be certified by the n	nanufacturer to be accurate with	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and					
b. a device for the continuous measure					_
device has been calibrated on ar				∐ Yes	LNo
{Note: The monitoring device n		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
	. J. L	f 41:- EU9 (/14/0010			
24. When was the last VE test conducte			100000		
a. If EU is not subject to 40 CFR 60 sb. If EU is subject to 40 CFR subpart		U been tested within the past 5	years?	Yes	No
i. has the EU been tested during		adar voore?		Xes	□No
ii. has the EU been tested utility	thin the current calendar	r voar?		\boxtimes Yes	\square No
II. has the EO been tested yet wh					
25. Was a VE test conducted by the ow	<i>ner/operator</i> for this ur	nit during this site visit?		Yes	🖾No
a. Was the VE test conducted at a pro				Yes	\square No
Rate:					
b. Was the VE test conducted accord	ing to EPA Method 9? -			Yes	No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate comp				Yes	□No
1	1 5				_
26. Was a VE test conducted by the ins	<i>pector</i> for this unit dur	ing this site visit?		Yes	No
a. Was the VE test conducted at a pro-	bcess rate that is represent	ntative of the normal rate?		Yes	No
Rate:					
b. Was the VE test conducted accord				Yes	DNo
c. The VE test resulted in an opacity				_	_
d. Did the VE test demonstrate comp	liance with the opacity l	imit? (See chart below)		Yes	No
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	000 EU	
	40 CFR 60	constructed, modified,	-	ted, modifi	ied.
	Subpart OOO	or reconstructed prior		structed or	· ·
	rear and a second	to 4/22/2008	after 4/2		

20%

20%

15%

10%

Crusher with no capture system

All other affected EUs

12%

7%

Emissions Unit Section 8 – CONVEYOR/ DRY SCREEN #6

(check 🗹 only one

box	for	each	question)	
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1. 2. 3. 4. If	<pre>the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {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, Granii Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oli 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) Vernice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.} 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?</pre>	y e, Gravel; Salt; ride, Kernite,	□No □No □No □No
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)?	X Yes	No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		
8.	capacity less than or equal to 136 megagrams/hour (150 tons/hour) ? Is the EU located at a common clay plant or pumice plant with capacity less than or	∐ Yes	∐No
	equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No

8 -CONVEYOR/ DRY SCREEN #6

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	XNo
 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
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 subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Yes	□No
If answer to Question 12 is "No" skip the following questions and go directly to Question 20		
13.Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	 Yes Yes Yes Yes Yes 	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are 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 <i>{A "vent" is any opening through which there is mechanically induced air flow for the</i> <i>purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i> 	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?	YesYesYes	□No □No □No

8 -CONVEYOR/ DRY SCREEN #6

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;		
\Box uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	nσ	
as specified in 40 CFR 60.674(e); or	15	
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 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	□No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's	—	—
instructions?	Yes	L.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	2	
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?		□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	L.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)?	L Yes	LNo
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? 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	L.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
a. If jes, was the opacity less than of equal to 770 opacity.		NO

8 -CONVEYOR/ DRY SCREEN #6

	EU not subject to	Subpart OOO EU	Subpart OOO EU	
	VE Opaci			
[UE O	2. Ti		
a. Did the v B test demonstrate comp	nance with the opacity I	mint: (See chart below)		NO
c. The VE test resulted in an opacityd. Did the VE test demonstrate comp			Yes	No
b. Was the VE test conducted accord			Yes	No
Rate:			□ •	—
a. Was the VE test conducted at a pro-	cess rate that is represent	ntative of the normal rate?	Yes	No
26. Was a VE test conducted by the <i>ins</i>				🖾No
	a contraction of the second of			
d. Did the VE test demonstrate comp			Yes	□No
c. The VE test resulted in an opacity				v 0
Rate:b. Was the VE test conducted accord	ing to FPA Method 9?		Yes	No
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?	Yes	No
25. Was a VE test conducted by the <i>ow</i>				O.No
			—	
ii. has the EU been tested yet w	thin the current calendar	r year?	TYes	No
		idar years?	Xes	No
b. If EU is subject to 40 CFR subpar				
24. When was the last VE test conduct a. If EU is not subject to 40 CFR 60			ears? 🕅 Yes	□No
	-			
of design scrubbing liquid flow	2	initiational to be accurate within		
		nanufacturer to be accurate withi		v 0
b. a device for the continuous measu		nce with manufacturer's instruct		□No
and by a device for the continuous masses	compart of the completing	liquid flow note to the wat comul	an and the	
pascals +1 inch water gauge pre	ssure.}			
		nanufacturer to be accurate withi	n +250	
				No
scrubber and the device has bee	n calibrated on an annua	l basis in accordance with manuf		
a. a device for the continuous measure		ss of the gas stream through the		
If yes, does the owner/operator maint				
23. Is a wet scrubber used to control er	nissions from the EU?		Yes	No
c. Were initial fugitive emissions fro	m non-vent building ope	enings less than or equal to 7% of	pacity? 🗌 Yes	L.No
			—	—
purpose of exhausting from a buildin	g air carrying particulat	e matter (PM) emissions from		
{A "vent" is any opening through wh	ich there is mechanicall	v induced air flow for the		
initial startup of the EU?			A 🗌 Yes	🗌 No
		ol device within 180 days of		
8 8				
8 8		and all enclosed EUs are not		
individually in compliance with em a. Was an initial PM stack test perfor initial startup of the EU? {A "vent" is any opening through wh	issions limits: med on each vent contro 	ol device within 180 days of N/A w induced air flow for the e matter (PM) emissions from		_

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>9-CONE CRUSHER</u>

(check 🗹	only one
how for each	quastion)

	t	box for each	question)
	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorit is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock S (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlor and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty 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?	⊠ Yes ⊠ Yes □ Yes	□No □No □No □No
sul	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
6. 7.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I? 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☑ Yes☑ Yes	 No No No No
	equal to 9 megagrams/hour (10 tons/hour) ?	Yes	[

9 - CONE CRUSHER

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l 1g	XNo
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
12. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Yes	No
If answer to Question 12 is "No" skip the following questions and go directly to Question 20		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
 individually in compliance with emissions limits: a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU? N/A <i>{A "vent" is any opening through which there is mechanically induced air flow for the</i> <i>purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i> 	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?	YesYesYes	□No □No □No

9 - CONE CRUSHER

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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?	T Yes	□No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	- 🗌 Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
device has been calibrated on an annual basis in accordance with manufacturer's instructions ? (Note: The manufacturer device must be cartified by the manufacturer to be accurate within 15%)	Yes	L.No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		
of design scrubbing inquid now 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	LNo
If the EU was constructed modified or reconstructed on or after 1/22/2008 ship the following		
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? N/A	Yes	
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	L.No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes Vac	L.No
d. If yes, was the opacity less than or equal to 7% opacity?	Yes	LNo

9 - CONE CRUSHER

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi	ssions limits:				
a. Was an initial PM stack test perform					
initial startup of the EU?			/A	Yes	🗌 No
{A "vent" is any opening through whi					
purpose of exhausting from a building	air carrying particulat	e matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	nce with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	Yes	No
23. Is a wet scrubber used to control em	issions from the EU?			Yes	No
If yes, does the owner/operator mainta					
a. a device for the continuous measure		oss of the gas stream through the	9		
scrubber and the device has been					
instructions?				Yes	□No
{Note: The monitoring device m	ust be certified by the n	nanufacturer to be accurate with	nin +250	—	_
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 th	e	
device has been calibrated on an					No
{Note: The monitoring device m	ust be certified by the n	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow r	rate.}				
24. When was the last VE test conducte	d by the owner/operat	or for this EU? <u>6/14/2012</u>			
a. If EU is not subject to 40 CFR 60 s	ubpart OOO, has the EU	U been tested within the past 5	years?	Yes	🗌No
b. If EU is subject to 40 CFR subpart					
			🗌No		
ii. has the EU been tested yet with				No	
	/ / 0 / 1 ·				
25. Was a VE test conducted by the <i>own</i>				Yes	XNo
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?		Yes	No
Rate:					
b. Was the VE test conducted accordi	ng to EPA Method 9? -			∐ Yes	L.No
c. The VE test resulted in an opacity of	of% for the highe	est six-minute average.			
d. Did the VE test demonstrate compl	ance with the opacity I	imit? (See chart below)		Yes	L.No
26. Was a VE test conducted by the <i>insp</i>	<i>pector</i> for this unit dur	ing this site visit?		Yes	🖂No
a. Was the VE test conducted at a pro				☐ Yes	No
Rate:	in the state of the second				
b. Was the VE test conducted accordi	ng to EPA Method 9 [?] -			Yes	No
c. The VE test resulted in an opacity of					
d. Did the VE test demonstrate compl				Yes	No
	· · · · · · · · · · · · · · · · · · ·	······································			
	VE Opaci	itv Limits			
	EU not subject to	Subpart OOO EU	Suhnart	: 000 EU	
	40 CFR 60	constructed, modified,	-	cted, modifi	hai
				structed or	-
	Subpart OOO	or reconstructed prior to 4/22/2008	after 4/2		
		LU 7/ <i>44/4</i> 000	anci 4/2	44/4000	1

20%

20%

15%

10%

Crusher with no capture system

All other affected EUs

12%

7%

Emissions Unit Section <u>10 – NORTH CRUSHER</u>

(check	\checkmark	only one	
C	1		

	box for each question)
 Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mii {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of w is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, D Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shet (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonat and Sodium Sulfate; (7) Punice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, it and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlu (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] I. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?	ineral Processing Plants? which the majority Dolomite, Granite, .ll; (2) Sand and Gravel; Clay; (4) Rock Salt; te, Sodium Chloride, ncluding Borax, Kernite, ite; (16) Vermiculite; Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No Yes No
 compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a build 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. 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?	YesNo
 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)? 7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a 	YesNo
 a capacity less than or equal to 136 megagrams/hour (150 tons/hour) ?	YesNo
equal to 9 megagrams/hour (10 tons/hour) ?	YesNo

<u>10 – NORTH CRUSHER</u>

 9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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	DNo
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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	☐ 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? N/A {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 	🗌 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

10-NORTH CRUSHER

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;		
\Box uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	ng	
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?	Yes	LNo
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	- 🗌 Yes	LNo
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
<i>and</i> b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the	2	
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?		No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
of design scrubbing liquid flow rate.}		
or design servoonig inquid now rate.		
19. Is wet suppression used to control emissions from the EU?	T 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? \square N/A	Yes	
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	L.No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes Yes	∐No ∏No
d. If yes, was the opacity less than or equal to 7% opacity?		NO

10 – NORTH CRUSHER

			and all enclosed EUs are not		
•	y in compliance with emi				
			ol device within 180 days of	_	_
	startup of the EU?			A Y	es 🗌 No
	s any opening through whi				
		g air carrying particulat	e matter (PM) emissions from		
	e affected EUs.}			_	_
	-		of 0.05 g/dscm (0.022 gr/dscf)?		
c. Were init	tial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	pacity? 🗌 Y	es []No
23. Is a wet scr	ubber used to control en	nissions from the EU?		Y	es 🗌No
	the owner/operator mainta				
			ss of the gas stream through the		
			l basis in accordance with manu		_
					esNo
			nanufacturer to be accurate with	in +250	
-	s +1 inch water gauge pre	ssure.}			
and					
			liquid flow rate to the wet scrub		
			ince with manufacturer's instruc		esNo
	6	2	nanufacturer to be accurate with	un +5%	
of desi	ign scrubbing liquid flow	rate.}			
24 When weed	the last VE test conducts	d by the owner/energy	or for this EU9 $6/14/2012$		
			or for this EU? <u>6/14/2012</u> U been tested within the past 5 y	vears? \Box Y	es 🗌No
	subject to 40 CFR subpart		5 been tested within the past 5 y		
			ndar years?	X Y	esNo
					_
11. 11d5	ii. has the EU been tested yet within the current calendar year? 🛛 Yes 🗌No				
25. Was a VE t	est conducted by the own	<i>ner/operator</i> for this ur	nit during this site visit?	Y	es 🖾No
			ntative of the normal rate?		=
Rate:	1	1		_	—
b. Was the	VE test conducted accord	ing to EPA Method 9? -		Y	esNo
	test resulted in an opacity				
d. Did the V	VE test demonstrate comp	liance with the opacity l	imit? (See chart below)	Y	es 🗌No
			ing this site visit?		=
a. Was the	VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?	Y	es 🗌No
Rate:				_	_
				Y	esNo
	est resulted in an opacity			—	—
d. Did the V	E test demonstrate comp	liance with the opacity l	imit? (See chart below)	Y	esNo
		VE Opaci	ity Limits		
		EU not subject to	Subpart OOO EU	Subpart OOO	EU
		40 CFR 60	constructed, modified,	constructed, n	

	40 CFR 60 Subpart OOO	constructed, modified, or reconstructed prior to 4/22/2008	constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>11 – PORTABLE CRUSHER #1</u>

(check 🗹 only one

box for eac	ch question)
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Is	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {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 2 (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlor and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	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?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	No 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.						
6. 7.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	 Yes Yes Yes Yes 	 No No No No 			

<u>11 – PORTABLE CRUSHER #1</u>

 9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	☐ 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? <i>A</i> "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.} 	🗌 Yes	🗌 No
 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity? 	☐ Yes ☐ Yes ☐ Yes	□No □No □No

<u>11 – PORTABLE CRUSHER #1</u>

16. Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator:	_	
uses a bag leak detection system specified in 40 CFR 60.674(d);		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturin	ng	
as specified in 40 CFR 60.674(e); or	C	
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 No
18. Is a wet scrubber used to control emissions from the EU?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	Yes	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	LNo
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)?	L Yes	LNo
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?		□No
ribbus, rans, dampers, etc.) to capture and transport particulate matter to a control device?		10
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	☐ Yes	□ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	\square No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	\square No
d. If yes, was the opacity less than or equal to 7% opacity?	\square Yes	\square No

<u>11 – PORTABLE CRUSHER #1</u>

22	2. If the EU is a building enclosing any other re			
	individually in compliance with emissions lim			
	a. Was an initial PM stack test performed on ea initial startup of the EU?	h vent control device within 180 days of	//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 carry	ng particulate matter (PM) emissions from		
	one or more affected EUs.}		_	_
	b. Was the EU found to be in compliance with	• • •		L.No
	c. Were initial fugitive emissions from non-ven	building openings less than or equal to 7%	opacity? 🗌 Yes	L.No
23	3.Is a wet scrubber used to control emissions fr	om the EU?	Yes	No
	If yes, does the owner/operator maintain and operator maintain and			
	a. a device for the continuous measurement of t			
		on an annual basis in accordance with man		
				L.No
	· · · · · ·	fied by the manufacturer to be accurate wit	hin + 250	
	pascals +1 inch water gauge pressure.}			
	b. a device for the continuous measurement of t	be scrubbing liquid flow rate to the wet scru	bber and the	
		is in accordance with manufacturer's instru		No
		ified by the manufacturer to be accurate wit		
	of design scrubbing liquid flow rate.}			
24	4. When was the last VE test conducted by the o	wner/operator for this EU? <u>6/14/2012</u>		
	a. If EU is not subject to 40 CFR 60 subpart OC	O, has the EU been tested within the past 5	years? 🗌 Yes	No
	b. If EU is subject to 40 CFR subpart OOO:		_	
		e past 4 calendar years?		L.No
	ii. has the EU been tested yet within the cu	rent calendar year?	Xes	No
25	5. Was a VE test conducted by the <i>owner/operat</i>	or for this unit during this site visit?	Yes	🖾No
	a. Was the VE test conducted at a process rate t	at is representative of the normal rate?	Yes	No
	Rate:			
	b. Was the VE test conducted according to EPA	Method 9?	Yes	No
	c. The VE test resulted in an opacity of%		_	_
	d. Did the VE test demonstrate compliance with	the opacity limit? (See chart below)	Yes	No
26	6. Was a VE test conducted by the <i>inspector</i> for	this unit during this site visit?	Yes	🖾No
1	a. Was the VE test conducted at a process rate t			No
	Rate:	-		
1	b. Was the VE test conducted according to EPA		Yes	No
	c. The VE test resulted in an opacity of%	for the highest six-minute average.		_
	d. Did the VE test demonstrate compliance with	the opacity limit? (See chart below)	Yes	No
_г				
		VE Opacity Limits		
	EU not	subject to Subpart OOO EU	Subpart OOO EU	

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>12 – CONVEYOR FOR CRUSHER #1</u>

(check 🗹 only one

box	tor	each	quest	tion))
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1. 2. 3. 4. If su	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin [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 3: (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloi and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vernice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 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? b the EU located above ground (i.e., not in an underground mine)? Was the EU constructed, modified, or reconstructed after August 31, 1983? Is the EU one of the following? Storage bin,enclosed truck loading station	y e, Gravel; Salt; ride, Kernite,	□No □No □No □No
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		
6.	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	No
	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	No
	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

12 -CONVEYOR FOR CRUSHER #1

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	 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? <i>{A "vent" is any opening through which there is mechanically induced air flow for the</i> <i>purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i> <i>one or more affected EUs.</i>} 	🗌 Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

12 -CONVEYOR FOR CRUSHER #1

16.Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR $60.674(d)$;		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	าฮ	
as specified in 40 CFR 60.674(e); or	-8	
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?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		—
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	∐ Yes	LNo
{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
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?		No
resous, rans, dampers, etc./ to capture and damsport particulate matter to a control device:		
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	
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	L.No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	🗌 No
d If was much the energity less then an envel to 70/ energity?		
d. If yes, was the opacity less than or equal to 7% opacity?	Yes	L.No

<u>12 – CONVEYOR FOR CRUSHER #1</u>

22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not						
individually in compliance with emit a. Was an initial PM stack test perfor		ol device within 180 days of				
initial startup of the EU?			/A	Yes	🗌 No	
{A "vent" is any opening through whi	ich there is mechanicall	y induced air flow for the		_	_	
purpose of exhausting from a building	g air carrying particulat	e matter (PM) emissions from				
one or more affected EUs.}	anaa with the DM limit	$f_{0,05} = (d_{0,07} + (0,07) + (d_{0,05}))$				
b. Was the EU found to be in compliac. Were initial fugitive emissions from				Yes Yes	□No □No	
23.Is a wet scrubber used to control en	nissions from the EU?			Yes	No	
If yes, does the owner/operator mainta	ain and operate:			_	_	
 a device for the continuous measur scrubber and the device has been instructions? 	n calibrated on an annua	Il basis in accordance with man	ufacturer's			
{Note: The monitoring device m	nust be certified by the r			Yes	LNo	
pascals +1 inch water gauge pre- and	ssure.}					
b. a device for the continuous measur device has been calibrated on an {Note: The monitoring device m	annual basis in accorda	ance with manufacturer's instru-	ctions ?	e Ves	No	
of design scrubbing liquid flow	•					
24. When was the last VE test conducte	d by the owner/oneret	or for this FU? 6/14/2012				
a. If EU is not subject to 40 CFR 60 s			vears?	Yes	No	
b. If EU is subject to 40 CFR subpart	000:		•			
i. has the EU been tested during				Yes	No	
ii. has the EU been tested yet wi	ii. has the EU been tested yet within the current calendar year? 🛛 Yes 🗌No					
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? Yes XNo						
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes						
Rate:				—	—	
b. Was the VE test conducted according The VE test regulted in an engaging				Yes	No	
c. The VE test resulted in an opacity ofd. Did the VE test demonstrate complexity				Yes	No	
	nunce with the opticity i	mint: (See chart below).				
26. Was a VE test conducted by the <i>ins</i>				Yes	🖾No	
a. Was the VE test conducted at a pro	cess rate that is represent	ntative of the normal rate?		Yes	LNo	
Rate:b. Was the VE test conducted accordi	ing to EPA Method 0?			Yes	No	
c. The VE test resulted in an opacity					LNU	
d. Did the VE test demonstrate compl				Yes	No	
	VE Opac	ity Limits				
	EU not subject to	Subpart OOO EU	Subpart	: OOO EU		
	40 CFR 60	constructed, modified,		cted, modifi	-	
	Subpart OOO	or reconstructed prior to 4/22/2008	or recon after 4/2	structed or 2/2008	1 or	

20%

20%

15%

10%

Crusher with no capture system All other affected EUs

12%

7%

Emissions Unit Section 13 –PORTABLE CRUSHER #2

(check 🗹 only one

box for e	ach question)
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1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processin {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, Graniu 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 4 (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Punice; (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.} 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?	ty e, Gravel; Salt; ride, Kernite,	No No No No			
	 □ crusher, □ grinding min, □ bucket elevator, □ beit 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.					
	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	No			
	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes Yes	LNo			
	equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No			

<u>13 – PORTABLE CRUSHER #2</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	 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? N/A {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 	🗌 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

<u>13 – PORTABLE CRUSHER #2</u>

ĥ			
	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;		
	\Box uses a bag leak detection system specified in 40 CFR 60.674(d);		
	follows the requirements of 40 CFR 63AAAAA Lime Manufacturin	ησ	
		15	
	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 No
I			
	18. Is a wet scrubber used to control emissions from the EU?	Yes	L.No
	If yes, does the owner/operator maintain and operate:		
	a. a device for the continuous measurement of the pressure loss of the gas stream through the		
	scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
	instructions?	Yes	No
I			NO
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
	pascals +1 inch water gauge pressure.}		
I	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 ?		No
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
	of design scrubbing liquid flow rate.}		
			_
I	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)?	T Yes	No
	If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following		
ш			
	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
ļ			
ļ	21. Initial Tests:		
ļ			
ļ	a. Was an initial PM stack test performed on the control device within 180 days of		
ļ	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
ļ	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	□No
ļ	d. If yes, was the opacity less than or equal to 7% opacity?	T Yes	□No
1			
н			

<u>13 – PORTABLE CRUSHER #2</u>

22	.If the EU is a building enclosing any		and all enclosed EUs are not			
	individually in compliance with emi					
	a. Was an initial PM stack test perfor initial startup of the EU?		N/	Α [Yes	🗌 No
	${A "vent" is any opening through whi$					
	purpose of exhausting from a building	g air carrying particulat	e matter (PM) emissions from			
	one or more affected EUs.}			-	-	—
	b. Was the EU found to be in compliac. Were initial fugitive emissions from				Yes Yes	□No □No
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 scrubber and the device has been instructions?	n calibrated on an annua	Il basis in accordance with manu	facturer's] Yes	□No
	{Note: The monitoring device n pascals +1 inch water gauge pre	nust be certified by the n				NO
	and by a device for the continuous measure	company of the completing	liquid flow rate to the wat some	har and the		
	b. a device for the continuous measur device has been calibrated on an				Yes	□No
	{Note: The monitoring device m				105	
	of design scrubbing liquid flow	•	handlacturer to be accurate with	III + 370		
24	. When was the last VE test conducte	d by the owner/operat	or for this EU? <u>6/14/2012</u>			
	a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the El	U been tested within the past 5 y	ears? [Yes	No
	b. If EU is subject to 40 CFR subpart			_		
	i. has the EU been tested during				X Yes	No
	ii. has the EU been tested yet wi	thin the current calendar	r year?		X Yes	No
25	.Was a VE test conducted by the own	<i>ner/operator</i> for this ur	nit during this site visit?	[Yes	🖾No
	a. Was the VE test conducted at a pro-	cess rate that is represent	ntative of the normal rate?	[Yes	No
	Rate:					
	b. Was the VE test conducted accord	ing to EPA Method 9? -		[Yes	No
	c. The VE test resulted in an opacity			-	_	_
	d. Did the VE test demonstrate comp	liance with the opacity l	limit? (See chart below)	L	Yes	LNo
26	. Was a VE test conducted by the ins	nector for this unit dur	ing this site visit?	Г	Yes	🖂No
20	a. Was the VE test conducted by the major				Yes	\square No
	Rate:	cess rate that is represent	inali te of the normal fate :	L		
	b. Was the VE test conducted accord	ing to EPA Method 9? -		Г	Yes	No
	c. The VE test resulted in an opacity			-		
	d. Did the VE test demonstrate comp			[Yes	No
_						1
		VE Opaci		<u> </u>		
		EU not subject to	Subpart OOO EU	Subpart (JOO EU	,

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>14 – CONVEYOR FOR CRUSHER #2</u>

(check 🗹 only one

box :	for	each	question)
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	 Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing Plants? {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.} 1. Is the EU located at a fixed or portable nonmetallic mineral processing plant 				
3.	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	□No □No □No □No		
su If	 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.} answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or 				
7.	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? 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 Yes Yes 	 No No No No 		

<u>14 – CONVEYOR FOR CRUSHER #2</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	⊠No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	⊠No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	 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? <i>{A "vent" is any opening through which there is mechanically induced air flow for the</i> <i>purpose of exhausting from a building air carrying particulate matter (PM) emissions from</i> <i>one or more affected EUs.</i>} 	🗌 Yes	🗌 No
b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings? d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes ☐ Yes ☐ Yes	□No □No □No

<u>14 – CONVEYOR FOR CRUSHER #2</u>

16.Is a baghouse used to control emissions from the EU?	Yes	No
If yes, the owner operator: Conducts quarterly 30-minute VE tests using Method 22;		
uses a bag leak detection system specified in 40 CFR $60.674(d)$;		
follows the requirements of 40 CFR 63AAAAA Lime Manufacturi	no	
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?	Yes	No
If yes, does the owner/operator maintain and operate:		
a. a device for the continuous measurement of the pressure loss of the gas stream through the		
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
instructions?	Yes	No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
pascals +1 inch water gauge pressure.}		
and		
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the		—
device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	∐ Yes	L.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	L.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?		No
risous, rans, dampers, etc.) to capture and transport particulate matter to a control device?		
21 Initial Tasta		
21. Initial Tests:		
a. Was an initial PM stack test performed on the control device within 180 days of		
initial startup of the EU? N/A	Yes	∐ No
b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	No
c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	No
d. If yes, was the opacity less than or equal to 7% opacity?	Yes	No
and jes, was the opacity less than of equal to 7,0 opacity.		INO

<u>14 – CONVEYOR FOR CRUSHER #2</u>

2	2. 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. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	Yes	No
	c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Yes	No
2	3. Is a wet scrubber used to control emissions from the EU?	Yes	No
	If yes, does the owner/operator maintain and operate:		
	a. a device for the continuous measurement of the pressure loss of the gas stream through the		
	scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's		
	instructions?	Yes	No
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +250		
	pascals +1 inch water gauge pressure.}		
	and		
	b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and th		
	device has been calibrated on an annual basis in accordance with manufacturer's instructions ?	L Yes	L.No
	{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%		
	of design scrubbing liquid flow rate.}		
2	4. When was the last VE test conducted by the owner/operator for this EU? 6/14/2012		
	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
2	5 Was a VE tost and dusted by the sum of a mater for this with during this site size	□ Vaa	\square N
2	5. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Yes Yes	⊠No □No
	Rate:		NO
	b. Was the VE test conducted according to EPA Method 9?	T Yes	No
	c. The VE test resulted in an opacity of% for the highest six-minute average.		10
	 d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) 	Yes	□No
2	6. Was a VE test conducted by the <i>inspector</i> 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
1	Rate:		_
1	b. Was the VE test conducted according to EPA Method 9?	Yes	No
1	c. The VE test resulted in an opacity of% for the highest six-minute average.	— • •	
	d. Did the VE test demonstrate compliance with the opacity limit? (See chart below)	Yes	L.No
	VE Opacity Limits		
	EU not subject to Subpart OOO EU Subpart	t OOO EU	

	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

Emissions Unit Section <u>15 – CRUSHER LT 1213</u>

(check \square only one

box f	or eac	h quest	tion)
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 Is the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Min {Note: "Nonmetallic mineral" means any of the following minerals or any mixture of whis any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Do Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common C (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, ind and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.] 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?	ich the majority blomite, Granite, ; (2) Sand and Gravel; Clay; (4) Rock Salt; , Sodium Chloride, cluding Borax, Kernite, e; (16) Vermiculite; Yes Yes Yes n, ing	□No □No □No □No
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 CFP part 60 subpart F or subpart I2	V vo	
any other EU that is subject to 40 CFR part 60 subpart F or subpart I? 6. Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		L.No
capacity less than or equal to 23 megagrams/hour (25 tons/hour)?7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a		LNo
capacity less than or equal to 136 megagrams/hour (150 tons/hour) ? 8. Is the EU located at a common clay plant or pumice plant with capacity less than or		No
equal to 9 megagrams/hour (10 tons/hour) ?	Yes	No

<u>15 – CRUSHER LT 1213</u>

9. Is the EU a wet screening operation or subsequent screening operation, bucket elevator or belt conveyor in a production line that processes saturated material up to the first crusher, grinding mill or storage bin in the production line?	l ng	No
 10. Is the EU a screening operation, bucket elevator or belt conveyor in the production line downstream of wet mining operation that process saturated material up to the first crusher, grinding mill or storage bin in the production line?	Yes	No
If answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24. If the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11. When was the EU last constructed, modified, or reconstructed?		
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		
 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 ☐ 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? N/A {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 	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?	YesYesYes	□No □No □No

<u>15 – CRUSHER LT 1213</u>

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 Manufactu 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?	- 🗌 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 instructions?		No
 and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and t device has been calibrated on an annual basis in accordance with manufacturer's instructions ? - {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 		No
19.Is wet suppression used to control emissions from the EU?	- 🗌 Yes	No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly? c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	- 🗌 Yes	No
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? N/A b. If yes, was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? c. Was an initial VE test performed on any fugitive emissions (escaping capture system)? d. If yes, was the opacity less than or equal to 7% opacity?		☐ No ☐No ☐No ☐No

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22. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
individually in compliance with 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. 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 Yes	□No □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?	□ 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 ? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate. } 	e Yes	No
24. When was the last VE test conducted by the owner/operator for this EU? 6/14/2012		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? b. If EU is subject to 40 CFR subpart OOO:	Yes	No
i. has the EU been tested during each of the past 4 calendar years?	X Yes	□No
ii. has the EU been tested yet within the current calendar year?	\boxtimes Yes	No
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit?	Yes	🖂No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Rate:	Yes	No
b. Was the VE test conducted according to EPA Method 9?	Yes	No
c. The VE test resulted in an opacity of% for the highest six-minute average.	_	_
d. Did the VE test demonstrate 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?	Yes	🖾No
a. Was the VE test conducted at a process rate that is representative of the normal rate?	Yes	No
Rate:	□ ••	
 b. Was the VE test conducted according to EPA Method 9? c. The VE test resulted in an opacity of% for the highest six-minute average. 	Yes	LNo
 d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) 	Yes	No
		1
VE Opacity Limits		

VE Opacity Limits			
	EU not subject to 40 CFR 60 Subpart OOO	Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008
Crusher with no capture system	20%	15%	12%
All other affected EUs	20%	10%	7%

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

3.	Is the total combined annual facility-wide fuel usage of all plants less than or equal to:	
	a) 275,000 gallons of diesel fuel? Yes	No
	b) 23,000 gallons of gasoline? Yes	No
	c) 44 million standard cubic feet on natural gas? Yes	No
	d) 1.3 million gallons of propane? Yes	No
	e) or an equivalent prorated amount if multiple fuels are used onsite (use equation below)? Yes	No
() and discribed $($ $) and according to () MM SCE and acctume to () MM and according to (1002$	
() gal diesel/yr + () gal gasoline/yr + () MM SCF nat. gas/yr + () MM gal propane/yr $\leq 1.00?$	
27	75,000 gal diesel/yr 23,000 gal gasoline/yr 44 MM SCF nat. gas/yr 1.3 MM gal propane/yr	
4.	Has the owner/operator maintained, available for inspection, site-wide records of monthly fuel consumption	
		No

G	ENERAL CONDITIONS	(check 🗹	
1.	Has the owner or operator allowed the circumvention of any air pollution control device, or	box for each	question)
	Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	XNo
2.	Does the owner or operator:	_	_
	a) maintain the authorized facility in good condition?b) ensure that the facility maintains its eligibility to use the air general permit and complies with all	- 🛛 Yes	LNo
	terms and conditions of the air general permit?		No
3.	Has the owner or operator allowed you, as the duly authorized representative of the Department, acces to the facility at reasonable times to inspect and test and to determine compliance with the air general	SS	
	permit and Department rules?	- 🛛 Yes	No

	ELOCATABLE PLANT The facility: S is stationary; S is relocatable; or Consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)	(check 🗹 box for each	only one question)
2.	 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(to the Department or Local Air Program no later than five business days following relocation?	6)]	□No □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?		□No
	 b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility? If YES, were any periods more than 6 months in any consecutive 12-month period? 	Yes Yes	□No □No

	HANGES dministrative Changes:	(check ☑ box for each	only one question)
1.	Were there any changes in the name, address, or phone number of the facility or authorized represent associated with a change in ownership or with a physical relocation of the facility or any emissions up		
2	operations comprising the facility; or any other similar minor administrative change at the facility? If YES, did the facility provide written notification within 30 days of the change?	Yes	⊠No □No
Ne	ew 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?		No
	b) Alterations to existing process equipment without replacement?	🗌 Yes	No
	c) Replacement of existing equipment with equipment that is substantially different?	🗌 Yes	No
	d) A change in ownership?		🖾No
4.	If the answer to any question $3a - d$. is YES, was a new registration form and the appropriate fee sul	omitted	
	30 days prior to the change?	🗌 Yes	No

MARUFUL MALIK

Inspector's Name (Please Print)

9/24/2012

Date of Inspection

9/2013

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: On September 24, 2012 I visited this facility to conduct the annual compliance inspection. On site I met Andy Penfield, the supervisor of operation of the facility. Facility has two portable crushers. They both are METSO Poertable Crushers: one a model LOkotrack LT 1110, serial # 20370046 and was inactive during the time of my inspection. And the other crusher was a model Lokotrack LT 1213, serial # 20360418 and it was operating during the time of my inspection. No visible emissions were observed. No objectionable was detected inside or outside the facility.

REVIEWED By Ray Gordon at 3:27 pm, Nov 21, 2012