

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



#### COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE:	ANNUAL (INS1, INS2) [ RE-INSPECTION (FUI) [	COMPLAINT/D  ARMS COMPLA	ISCOVERY (CI)	
AIRS ID#: 7775326 DA	ATE: <u>1/24/11</u>	ARRIVE: <u>1330</u>	DEPART: <u>1</u>	600
FACILITY NAME: D	OWNTOWN DUMP TRUCK	SERVICES, INC.		
FACILITY LOCATIO	N: CORNER OF REESE	E AND DAVIE RD		
	DAVIE 33314			
OWNER/AUTHORIZI Email: CONTACT NAME: I Email: ENTITLEMENT PER	•	013	PHONE: (954)868-1794 Mobile: PHONE: Mobile:	
PART I: INSPECTIO	N COMPLIANCE STATUS  NCE MINOR Non-CO		) NIFICANT Non-COMPLIA	ANCE
	Philip Friona		b	(check <b>v</b> only one ox for each question)
2. Is the Authorized Rep If no, who is?:	presentative still PHILIP FRIO	NA?		⊠ Yes □No
	acility provide an administrative still?			☐ Yes ☐No ☑ Yes ☐No
4. Will facility be condu	ucting VE test(s) during today's liance authority notified at least			☐ Yes

## Emissions Unit Section 1-PRE-SCREEN/SCALPER

box for each question)  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, Grantie,  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 Sulfae; (7) Punice; (8) Silosonite; (9) Tale and Pyrophyllite; (10) Boron, including Bodium Carbonate, Sodium Chloride, and Sodium Sulfae; (7) Punice; (8) Silosonite; (9) Tale and Pyrophyllite; (10) Boron, including Bodium Carbonate, Sodium Chloride, and Sodium Sulfae; (7) Punice; (8) Silosonite; (9) Tale and Pyrophyllite; (10) Boron, including Bodium Carbonate, Sodium Chloride, and Sodium Sulfae; (7) Punice; (8) Silosonite; (9) Tale and Pyrophyllite; (10) Boron, including Boron, kernite, and Colemanite; (11) Bartie; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15) Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.)  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? —			(check 🗹	only one
Set 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, Grantie, Traprock, Sandstone, Quartz, Quartzite, Mart, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kametine, Freedra, 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 Sulgae; (7) Pumice; (8) Gilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemantie; (11) Barie; (12) Plurospape; (13) Feldspar; (14) Judonite; (15)Perlite; (16) Vermicultie; (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?		ł	ox for each	question)
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or hot mix asphalt plant that has an aboveground crusher or grinding mill?	1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
2. Is the EU located above ground (i.e., not in an underground mine)?			Yes	⊠No
3. Was the EU constructed, modified, or reconstructed after August 31, 1983?	2.	Is the EU located above ground (i.e., not in an underground mine)?	🔯 Yes	□No
□ crusher, □ grinding mill, □ bucket elevator, □ belt conveyor, □ bagging operation, □ storage bin, □ enclosed truck loading station □ enclosed railcar loading station; □ crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin; □ screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.) □ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  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? □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □				□No
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any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	э.			
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)?			□ Vos	□ No
capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	6			NO
7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	v.		□ Vec	$\square$ No
capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	7		1 Cs	□110
8. Is the EU located at a common clay plant or pumice plant with capacity less than or	<b>'</b> •		☐ Yes	□No
	8.			
			☐ Yes	□No

#### 1 -PRE-SCREEN/SCALPER

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
	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.}		
su	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	□No
<i>If</i>	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
13	<b>.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	□No
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	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? $\square$ N/A $\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}$	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

#### 1 -PRE-SCREEN/SCALPER

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 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?	Ш	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		* 7	
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?		Vac	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	Ш	103	\\0
of design scrubbing liquid flow rate.}			
of design scrubbing fiquid flow rate.			
19. Is wet suppression used to control emissions from the EU?		Yes	□No
19. Is wet suppression used to control emissions from the EU?		Yes	□No
If yes:		Yes	□No
		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		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		Yes	□No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> </ul>			□No
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<ul> <li>If yes: <ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul></li></ul>		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 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 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 Yes	NoNo
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 Yes Yes Yes	
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 Yes Yes Yes Yes	
<ul> <li>If yes: <ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul></li></ul>		Yes Yes Yes Yes	

#### 1 -PRE-SCREEN/SCALPER

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	med on each vent contro	ol device within 180 days of		_	_
initial startup of the EU?			'A	∐ Yes	☐ No
{A "vent" is any opening through whi					
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	☐ Yes	∐No
23.Is a wet scrubber used to control en	nissions from the EU?			☐ Yes	□No
If yes, does the owner/operator mainta					
a. a device for the continuous measur		oss of the gas stream through the	<b>)</b>		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m	oust be certified by the r	nanufacturer to be accurate with	in +250		
pascals +1 inch water gauge pres					
and					
b. a device for the continuous measur					_
device has been calibrated on an				∐ Yes	∐No
{Note: The monitoring device m	•	nanufacturer to be accurate with	iin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte	d by the owner/onerst	for for this FII? 1/10/10			
a. If EU is not subject to 40 CFR 60 s			ears?	⊠ Yes	□No
b. If EU is subject to 40 CFR subpart		o been tested within the past 3 y	cars:		
i. has the EU been tested during		ndar vears?		☐ Yes	□No
ii. has the EU been tested yet wi				Yes	□No
·		•		_	
25. Was a VE test conducted by the own				Yes	⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		Yes	□No
Rate:					
b. Was the VE test conducted accordi				Yes	∐No
c. The VE test resulted in an opacity of				N 37	
d. Did the VE test demonstrate compl	iance with the opacity l	limit? (See chart below)		⊠ Yes	□No
26. Was a VE test conducted by the insp	nector for this unit dur	ing this site visit?		Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
Rate:					
b. Was the VE test conducted accordi	ng to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity of				_	_
d. Did the VE test demonstrate compl				Yes	□No
	VE Onac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	t OOO EU	
	40 CFR 60	constructed, modified,	_	cted, modifi	ed.
	Subpart OOO	or reconstructed prior		istructed or	
	Bubpart OOO	to 4/22/2008	after 4/2		1 01
Crusher with no capture system	20%	15%	arter 4/2	12%	
All other affected EUs	20%	10%		7%	
7 III other affected EUS	<i>L</i> U /0	10/0		1 /0	

## Emissions Unit Section 2–CRUSHER AND HOPPER

		(check 🗹	only one
	1	oox for each	
1. 2. 3.	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoris is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granton Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}  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? ———————————————————————————————————	ng Plants?  ty  te,  Gravel;  Salt;  ride,  Kernite,	□No □No □No
•	<ul> <li>□ crusher, □ grinding mill, □ bucket elevator, □ belt conveyor, □ bagging operation, □ storage bin, □ enclosed truck loading station □ enclosed railcar loading station;</li> <li>□ 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;</li> <li>□ 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.)</li> <li>□ 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.}</li> </ul>	103	
su	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process	□ V	□ N-
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 Yes	□No
	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	Yes	□No
	equal to 9 megagrams/hour (10 tons/hour)?	Yes	□No

#### **2 -CRUSHER AND HOPPER**

9.	Is the EU a wet screening operation or subsequent screening operation, bucket elevator or		
	belt conveyor in a production line that processes saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processing the surface moisture such that particulate matter emissions are not generated from processing the surface moisture such that particulate matter emissions are not generated from processing the surface moisture such that particulate matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emissions are not generated from processing the surface matter emission and th		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	ica	
	solely by wel suppression systems is not considered to be suitarded for purposes of this definition.		
10	.Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
10	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	Yes	□No
	grinding film of storage on in the production fine:	1 cs	140
	[Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
7.0			
	answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to		
	bpart OOO so skip the following questions and go directly to Question 24.		
<b>I</b> f	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
	777 A 7771 A 777 A		
11	.When was the EU last constructed, modified, or reconstructed?		
	YY		
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		
12	December 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
13	.Does the EU have a particulate matter capture system (equipment including enclosures,	□ <b>x</b> z	
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	∐No
T.			
IJ	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
	T to 100 a		
14	Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU?	∐ Yes	∐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	∐No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	∐ Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	Yes Yes	☐No
15	.If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU?	☐ Yes	☐ No
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the}$	_	<del></del>
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.		
	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)?	☐ 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?	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)?	Yes	=

#### **2 -CRUSHER AND HOPPER**

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

#### **2 -CRUSHER AND HOPPER**

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	ch there is mechanicall	y induced air flow for the			
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%	opacity?	Yes Yes	□No
23. Is a wet scrubber used to control en	viccione from the FII?			☐ Yes	□No
If yes, does the owner/operator mainta				res	NO
a. a device for the continuous measur		ass of the gas stream through th	•		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m				1 es	110
pascals +1 inch water gauge pres	•	nandracturer to be accurate with	IIII +230		
and	ssurc.				
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	her and th	e	
device has been calibrated on an				☐ Yes	□No
{Note: The monitoring device m					
of design scrubbing liquid flow		nanulacturer to be accurate with	1111 1 3 70		
or design serviceing riquid now					
24. When was the last VE test conducte					
a. If EU is not subject to 40 CFR 60 s	ubpart OOO, has the El	U been tested within the past 5	years?	Yes	□No
b. If EU is subject to 40 CFR subpart					
<ol> <li>has the EU been tested during</li> </ol>				☐ Yes	□No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	□No
25 Was a VE tost conducted by the own	/on anaton fon this	sit duning this site visit?		□ Vac	⊠ No
25. Was a VE test conducted by the own				☐ Yes☐ Yes	⊠No
<ul> <li>a. Was the VE test conducted at a pro Rate:</li> </ul>	cess rate that is represen	ntative of the normal rate?		res	□No
b. Was the VE test conducted accordi	ng to EDA Mothod 02			□ Vos	□ No
c. The VE test conducted according to the view of the				∐ Yes	∐No
				□ Vac	□ No
d. Did the VE test demonstrate complete	nance with the opacity i	mint: (See chart below)		∐ Yes	∐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:					
b. Was the VE test conducted accordi	•				
	ng to EPA Method 9? -			_	□No
c. The VE test resulted in an opacity of				Yes	□No
<ul><li>c. The VE test resulted in an opacity of</li><li>d. Did the VE test demonstrate compl</li></ul>	of% for the highe	est six-minute average.		☐ Yes	□No
	of% for the highe	est six-minute average.		_	_
	of% for the higher iance with the opacity l	est six-minute average. imit? (See chart below)		☐ Yes	_
	of% for the higher iance with the opacity l	est six-minute average. imit? (See chart below)		☐ Yes	□No
	of% for the higher iance with the opacity leads to when the opacity leads to	est six-minute average. imit? (See chart below) ity Limits Subpart OOO EU	Subpart	Yes Yes	□No
	of% for the higher iance with the opacity leads to the control of% for the higher iance with the opacity leads to VE Opace EU not subject to 40 CFR 60	est six-minute average. imit? (See chart below) ity Limits Subpart OOO EU constructed, modified,	Subpart	Yes Yes OOO EU	□No
	of% for the higher iance with the opacity leads to when the opacity leads to	est six-minute average. imit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior	Subpart constructor record	Yes Yes OOO EU cted, modif	□No
d. Did the VE test demonstrate compl	we of% for the higher iance with the opacity large very large.  VE Opace EU not subject to 40 CFR 60 Subpart OOO	est six-minute average. imit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008	Subpart	Yes Yes OOO EU cted, modif	□No
	of% for the higher iance with the opacity leads to the control of% for the higher iance with the opacity leads to VE Opace EU not subject to 40 CFR 60	est six-minute average. imit? (See chart below) ity Limits Subpart OOO EU constructed, modified, or reconstructed prior	Subpart constructor record	Yes Yes OOO EU cted, modif	□No

## Emissions Unit Section 3 -CRUSHER TURNING POINT

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

#### 3 - CRUSHER TURNING POINT

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,	□ V	□ Na
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or which separates marketable fines from the product by a washing process which is designed and operat	ad	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	cu	
	solety by wet suppression systems is not considered to be suita ded for purposes of this definition.		
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,		
	grinding mill or storage bin in the production line?	☐ Yes	□No
	{Note: Wet mining operation means a mining or dredging operation designed and operated to extract		
	any nonmetallic mineral from deposits existing at or below the water table, where the nonmetallic		
	mineral is saturated with water. "Saturated material" means mineral material with sufficient surface		
	moisture such that particulate matter emissions are not generated from processing of the material		
	through screening operations, bucket elevators and belt conveyors. Material that is wetted solely by		
	wet suppression systems is not considered to be "saturated" for purposes of this definition.}		
Ιf	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
	bpart 000 so skip the following questions and go directly to Question 24.		
	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
,	z		
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 capture system (equipment including enclosures,		
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
		_	_
<i>If</i>	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
14	Initial Tests:		
	a. Was an initial PM stack test performed on the control device within 180 days of	□ <b>3</b> 7	
	initial startup of the EU? N/A	∐ Yes	∐ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	□No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes☐ Yes	∐No
	d. If yes, was the opacity less than of equal to 7% opacity?		∐No
15	. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU?	Yes	☐ No
	{A "vent" is any opening through which there is mechanically induced air flow for the		
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}$		
	{A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	☐ Yes	No
	{A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	☐ Yes ☐ Yes	□No
	{A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.} b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	☐ Yes	No

#### 3 - CRUSHER TURNING POINT

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 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?	Ш	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		* 7	
instructions?	· Ш	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?		Vec	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%	Ш	103	
of design scrubbing liquid flow rate.}			
of design serubbing riquid now rate.			
19. Is wet suppression used to control emissions from the EU?		Yes	□No
19. Is wet suppression used to control emissions from the EU?		Yes	□No
If yes:		Yes	□No
		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to		Yes	□No
If yes:  a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?		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,			□No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> </ul>			□No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>			
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)?			
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>			
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>			
<ul> <li>If yes: <ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li> </ul> </li> <li>If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.</li> <li>20. Does the EU have a particulate matter capture system (equipment including enclosures,</li> </ul>		Yes	No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>		Yes	
<ul> <li>If yes: <ul> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul></li></ul>		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)?  If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.  20. Does the EU have a particulate matter capture system (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?  21. Initial Tests:		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 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 Yes	NoNo
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 Yes	
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 Yes Yes Yes	NoNo

#### 3 - CRUSHER TURNING POINT

22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform				_	_
initial startup of the EU?			/A	∐ Yes	☐ No
$\{A \text{ "vent" is any opening through whith}\}$					
purpose of exhausting from a building	g air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}				_	_
b. Was the EU found to be in complia				∐ Yes	∐No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7% of	opacity?	∐ Yes	∐No
				□ <b>v</b>	
23. Is a wet scrubber used to control en				∐ Yes	□No
If yes, does the owner/operator mainta		6 (1) (1) (1) 1 . (1)			
a. a device for the continuous measur					
scrubber and the device has been instructions?				□ <b>V</b>	□ Na
				∐ Yes	□No
{Note: The monitoring device m	•	nanufacturer to be accurate with	ıın +250		
pascals +1 inch water gauge pre- and	ssure. }				
b. a device for the continuous measur	ament of the scrubbing	liquid flow rate to the wet scrub	shar and the		
device has been calibrated on an				☐ Yes	□No
{Note: The monitoring device m				L I Cs	
of design scrubbing liquid flow		nandracturer to be accurate with	III 1370		
or design serdooms riquid now r	rute. j				
24. When was the last VE test conducte	d by the owner/operat	tor for this EU? 1/19/10			
a. If EU is not subject to 40 CFR 60 s			years?	⊠ Yes	No
b. If EU is subject to 40 CFR subpart			•	_	
i. has the EU been tested during	each of the past 4 caler	ndar years?		☐ Yes	□No
ii. has the EU been tested yet within the current calendar year? Yes				□No	
					_
25. Was a VE test conducted by the <i>owner/operator</i> for this unit during this site visit? YesNo					
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ Yes	□No
Rate:	See to EDA Moder 100			□ <b>3</b> 7	□ N.
b. Was the VE test conducted accordi	ing to EPA Method 9? -			∐ Yes	∐No
<ul><li>c. The VE test resulted in an opacity of</li><li>d. Did the VE test demonstrate complete</li></ul>	or the night	est six-minute average.		□ Vaa	□ No
d. Did the VE test demonstrate compl	nance with the opacity	mint? (See chart below)		∐ Yes	∐No
26. Was a VE test conducted by the inst	nector for this unit du	ing this site visit?		Yes	⊠No
a. Was the VE test conducted by the usp				Yes	□No
Rate:	eess rate that is represe	native of the normal rate.			
b. Was the VE test conducted accordi	ing to EPA Method 9? -			Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate compl				Yes	□No
	1 ,	`		_	_
	****				
		ity Limits		000 ====	
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		ted, modifi	
	Subpart OOO	or reconstructed prior		structed on	or
		to 4/22/2008	after 4/2	2/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	

### Emissions Unit Section 4-CRUSHER DROP TO FINISHING SCREEN

St 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;   (3) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride,   and Sodium Sulfate; (7) Pumice; (8) Silosinite; (9) Tale and Pyrophylite; (10) Boron, including Borax, Kernite,   and Sodium Sulfate; (7) Pumice; (8) Silosinite; (9) Tale and Pyrophylite; (10) Boron, including Borax, Kernite,   and Sodium Sulfate; (7) Pumice; (8) Silosinite; (9) Tale and Pyrophylite; (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 Dumorrierite.     1. Is the EU located at a fixed or portable nonmetallic mineral processing plant   or hot mix asphalt plant that has an aboveground crusher or grinding mill!"   Yes   No.   No.     2. Is the EU lone of the following?   Yes   No.   No.     3. Was the EU constructed, modified, or reconstructed after August 31, 1983?   Yes   No.   No.     4. Is the EU one of the following?   Yes   No.   Yes			(check 🗹	only one
Sethe Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO — Nonmetallic Mineral Processing Plants?   Noise: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granite, Traprock, Sandstone, Quartz, Quartzie, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and Gravel; (3) Clay including Kanolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay: (4) Rock Salt; (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chloride, and Sodium Sulfate; (7) Punice; (8) Cilsonite; (9) Tale and Pyrophyllite; (10) Boron, including Borax, Kernite, and Colemate; (11) Bartie; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermiculite; (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.)  1. Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill?		ł	ox for each	question)
Some continued   Some	Ις			,
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoric is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock of Softy (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,	
or hot mix asphalt plant that has an aboveground crusher or grinding mill?	1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
2. Is the EU located above ground (i.e., not in an underground mine)?			Yes	⊠No
3. Was the EU constructed, modified, or reconstructed after August 31, 1983?	2.	Is the EU located above ground (i.e., not in an underground mine)?	Yes	□No
4. Is the EU one of the following?				□No
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.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart 1?		Is the EU one of the following?		□No
□ crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin; □ screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.) □ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?		$\boxtimes$ crusher, $\square$ grinding mill, $\square$ bucket elevator, $\boxtimes$ belt conveyor, $\square$ bagging operation,		
minerals embedded in recycled asphalt pavement or subsequent emissions unit up to, but not including, the first storage silo or bin;  Screening operation (a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series, and retaining oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.)  □ building enclosing any of the above EUs if all enclosed EUs are not individually in compliance with emissions limits. {A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}  If answer to any of the four Questions 1 - 4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1 - 4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
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If answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?		air carrying particulate matter (1 m) emissions from one or more affected 20s.7		
subpart OOO so skip the following questions and go directly to Question 24.  If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	If	answer to any of the four Ouestions 1 -4 above is "No" then the EU is not subject to		
If the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.  5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?				
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?	_	I. d. Ell. L'arra 40 CED and CO. Land E (D. d. d. Comma Diagra)		
any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	э.			
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)?			□ Vas	□ No
capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	6		res	NO
7. Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	υ.		□ Ves	□ No
capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	7			□140
8. Is the EU located at a common clay plant or pumice plant with capacity less than or	′•		☐ Yes	$\square$ No
	8.			□10
			☐ Yes	□No
				_

#### 4 -CRUSHER DROP TO FINISHING SCREEN

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		
<b>13. Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	Yes	□No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19		
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits:  a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?	Yes	□ No
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>4 -CRUSHER DROP TO FINISHING SCREEN</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 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
<b>18.Is a wet scrubber used to control emissions from the EU?</b> If yes, does the owner/operator maintain and operate:	☐ Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Yes	□No
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		□No
19. Is wet suppression used to control emissions from the EU?	☐ Yes	□No
<ul> <li>If yes:</li> <li>a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles?</li> <li>b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly?</li> <li>c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?</li></ul>	☐ Yes	□No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
<b>20.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
21. Initial Tests:  a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

#### <u>4 -CRUSHER DROP TO FINISHING SCREEN</u>

22. If the EU is a building enclosing any	y other regulated EUs	and all enclosed EUs are not			
individually in compliance with emi					
a. Was an initial PM stack test perform	med on each vent contr	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through whi	ich there is mechanicall	ly induced air flow for the			
purpose of exhausting from a building	g air carrying particular	te matter (PM) emissions from			
one or more affected EUs.}		•			
b. Was the EU found to be in complia	ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from				Yes	□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		oss of the gas stream through the	<u>,</u>		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m					
pascals +1 inch water gauge pre-	_				
and					
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrub	ber and th	e	
device has been calibrated on an				Yes	No
{Note: The monitoring device m				_	_
of design scrubbing liquid flow					
	-				
24. When was the last VE test conducte					
a. If EU is not subject to 40 CFR 60 s	subpart OOO, has the E	U been tested within the past 5	years?	⊠ Yes	□No
b. If EU is subject to 40 CFR subpart					
<ol> <li>has the EU been tested during</li> </ol>	each of the past 4 cale	ndar years?		Yes Yes	□No
ii. has the EU been tested yet within the current calendar year? YesNo				No	
	, a			_ **	
25. Was a VE test conducted by the own				∐ Yes	⊠No
a. Was the VE test conducted at a pro	ocess rate that is represe	entative of the normal rate?		☐ Yes	∐No
Rate:	to EDA Mother 100			□ V	□ Na
b. Was the VE test conducted according.				∐ Yes	∐No
<ul><li>c. The VE test resulted in an opacity of</li><li>d. Did the VE test demonstrate complete</li></ul>				□ Vas	□ No
d. Did the VE test demonstrate compl	nance with the opacity.	mint? (See chart below)		∐ Yes	□No
26. Was a VE test conducted by the inst	nector for this unit du	ring this site visit?		☐ Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	ocos rate that is represe				
b. Was the VE test conducted accordi	ing to EPA Method 9? -			☐ Yes	□No
c. The VE test resulted in an opacity					
d. Did the VE test demonstrate compl				☐ Yes	□No
	1 ,				
	T/E O				
		ity Limits	<b>a</b> 1		
	EU not subject to	Subpart OOO EU	_	t 000 EU	_
	40 CFR 60	constructed, modified,		cted, modifi	,
	Subpart OOO	or reconstructed prior	or recor	istructed or	ı or
		to 4/22/2008	after 4/2	22/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
,		•			

### **Emissions Unit Section** <u>5 -CRUSHER DIESEL EXHAUST</u>

		(check 🗹	only one
	ł	ox for each	question)
Ις	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processir		,
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majoric is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlos 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,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	Yes	⊠No
2.	Is the EU located above ground (i.e., not in an underground mine)?	Xes	□No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?		□No
4.	Is the EU one of the following?	⊠ Yes	□No
	☐ crusher, ☐ grinding mill, ☐ bucket elevator, ☐ belt conveyor, ☐ bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin;		
	screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUs.}		
	uir currying particulate matter (1 m) emissions from one or more affected Eos.7		
If a	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to		
	bpart OOO so skip the following questions and go directly to Question 24.		
If 1	the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
٠.	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process		
	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a		
	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	□No
7.	Is the EU located at a portable sand and gravel plant or crushed stone plant with a		
	capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	☐ Yes	□No
8.	Is the EU located at a common clay plant or pumice plant with capacity less than or	<del></del>	_
	equal to 9 megagrams/hour (10 tons/hour)?	☐ Yes	□No

#### <u>5 -CRUSHER DIESEL EXHAUST</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		
<b>13.Does the EU have a particulate matter</b> <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
If answer to Question 13 is "No" skip the following questions and go directly to Question 19		
a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
15. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not individually in compliance with emissions limits:  a. Was an initial PM stack test performed on each vent control device within 180 days of initial startup of the EU?	☐ Yes	□ No
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>5 -CRUSHER DIESEL EXHAUST</u>

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

#### <u>5 -CRUSHER DIESEL EXHAUST</u>

22. If the EU is a building enclosing		and all enclosed EUs are not		
individually in compliance with				
a. Was an initial PM stack test per	formed on each vent contr	ol device within 180 days of		
initial startup of the EU?			/A	Yes
{A "vent" is any opening through				
purpose of exhausting from a build	ling air carrying particula	te matter (PM) emissions from		
one or more affected EUs.}			_	_
b. Was the EU found to be in com				Yes ∐No
c. Were initial fugitive emissions	from non-vent building op	enings less than or equal to 7%	opacity?	YesNo
23.Is a wet scrubber used to control	emissions from the EU?			Yes \[ \] No
If yes, does the owner/operator ma				
a. a device for the continuous mea		oss of the gas stream through the	e	
		al basis in accordance with man		
				Yes \[\bigcap_\]No
		manufacturer to be accurate with	_	
pascals +1 inch water gauge	-			
and				
b. a device for the continuous mea	surement of the scrubbing	liquid flow rate to the wet scru	bber and the	
		ance with manufacturer's instru		Yes  \text{\tin}\\\ \text{\texi\text{\texi}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\texi}\text{\text{\texi}\text{\text{\texi}\text{\texi}\tint{\texi}\tint{\texi}\tint{\tiin}\tint{\tiin}\texitt{\texit{\texi{\texi{\texi{\te
		manufacturer to be accurate with		
of design scrubbing liquid flo				
	,			
24. When was the last VE test condu	icted by the owner/opera	tor for this EU? <u>1/19/10</u>		
a. If EU is not subject to 40 CFR (	60 subpart OOO, has the E	U been tested within the past 5	years?	YesNo
b. If EU is subject to 40 CFR subp	oart OOO:	_		
i. has the EU been tested dur	ring each of the past 4 cale	ndar years?		YesNo
		ar year?		YesNo
25. Was a VE test conducted by the				Yes 🔯No
a. Was the VE test conducted at a	process rate that is represe	entative of the normal rate?		YesNo
Rate:				
b. Was the VE test conducted acco				YesNo
c. The VE test resulted in an opac	ity of $\underline{\hspace{1cm}}$ % for the high	est six-minute average.		
d. Did the VE test demonstrate co	mpliance with the opacity	limit? (See chart below)		YesNo
	. , 6 ,1, 1	. 43. 44 . 449		x
26. Was a VE test conducted by the				Yes ⊠No
a. Was the VE test conducted at a	process rate that is represe	entative of the normal rate?		YesNo
Rate:	P CEDANCI 100			x,
b. Was the VE test conducted according to the VE test resulted in an appear			Ц	YesNo
c. The VE test resulted in an opac				v.
d. Did the VE test demonstrate co	inputance with the opacity	mmt! (See chart below)	Ц	YesNo
	VE Opac	rity Limits		
	EU not subject to	Subpart OOO EU	Subpart OO	O EU
	40 CFR 60	constructed, modified,	constructed,	modified,
	Subpart OOO	or reconstructed prior	or reconstru	· ·
		to 4/22/2008	after 4/22/20	
Crusher with no capture system	20%	15%	12	
All other affected EUs	20%	10%	79	
An other affected EUS	2070	1070	1	/0

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

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

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? b) 23,000 gallons of gasoline? c) 44 million standard cubic feet on natural gas? d) 1.3 million gallons of propane? e) or an equivalent prorated amount if multiple fuels are used onsite (use equation below)?  (	⊠ Yes □ Yes □ Yes □ Yes □ Yes □ Yes	No  No  No  No  No
GENERAL CONDITIONS  1. Has the owner or operator allowed the circumvention of any air pollution control device, or	(check 🗹 box for each	only one question)
Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	⊠No
<ul><li>2. Does the owner or operator:</li><li>a) maintain the authorized facility in good condition?</li><li>b) ensure that the facility maintains its eligibility to use the air general permit and complies with all</li></ul>	🛚 Yes	□No
terms and conditions of the air general permit?	- X Yes	□No
to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?		□No
RELOCATABLE PLANT	(check 🗹 box for each	only one question)
1. The facility:  is stationary; is relocatable; or consists of both stationary and relocatable NMMP and/or concrete batching plants. (If only stationary, skip the following questions 2 and 3.)		,
<ul> <li>2. For a relocated NMMP plant:</li> <li>a) did the owner or operator notify the appropriate Department or Local Air Program by telephone,</li> <li>e-mail, fax, or written communication at least one business day prior to changing location?</li> <li>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? -</li> </ul>	(6)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air oper permit, and the relocatable NMMP plant is not included as an emissions unit in that separate permit:  a) was the relocatable NMMP plant being used for a non-routine purpose?  If YES, what was the purpose?  {Note: crushing recycled asphalt pavement (rap) at an asphalt plant is considered routine and so therefore must be authorized in the facility's air construction or operation permit.}  b) were records kept by the owner/operator to indicate how long it was co-located at the permitted facility?	Yes	□No
If YES, were any periods more than 6 months in any consecutive 12-month period?	- L Yes	∐No

CHANGES  Administrative Changes:	(check ☑ only one box for each question)
<ol> <li>Were there any changes in the name, address, or phone number of associated with a change in ownership or with a physical relocation operations comprising the facility; or any other similar minor address, did the facility provide written notification within 30 day</li> </ol>	on of the facility or any emissions units or ministrative change at the facility? Yes \inftyNo
New or Modified Process Equipment or Change in Ownership:  3. Since the last registration form submittal has there been a) Installation of any new process equipment? b) Alterations to existing process equipment without replacemer c) Replacement of existing equipment with equipment that is sul d) A change in ownership?	Yes    No     Substantially different?   Yes    No
C.Pitters	1/24/11
Inspector's Name (Please Print)	Date of Inspection
	1/24/12
Inspector's Signature	Approximate Date of Next Inspection
COMMENTS:	