

(check \square only one box for each question) \sqrt{TS}

ERAL PROCESSING



COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2)				
AIRS ID#: 0251248 DATE: <u>5/15/2013</u> ARRIVE: <u>10:26 AM</u> DEPART:	11:05 AM			
FACILITY NAME: FLORIDA ROCK DIVISION-MIAMI QUARRY				
FACILITY LOCATION: 13100 W 41 ST				
MIAMI 33182				
OWNER/AUTHORIZED REPRESENTATIVE: GAIL RIDGEWAY Email: RIDGEWAYG@VMCMAIL.com CONTACT NAME: KENNY KNOWLES Email: ENTITLEMENT PERIOD: 6/27/2011 / 6/27/2016 (effective date) (end date) PHONE: (305)592-410 Mobile: (786)367-481 PHONE: (305)592-266 Mobile:	9			
Facility Section PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box) ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPL	PART I: INSPECTION COMPLIANCE STATUS (check only one box)			
PART II: ONSITE INTRODUCTORY MEETING	(check 🗹 only one			
1. Name(s) of facility representative(s): <u>KENNY KNOWLES</u>	box for each question)			
Brief Notes:				
2. Is the Authorized Representative still GAIL RIDGEWAY?	⊠ Yes □No			
If different, did the facility provide an administrative update within 30 days? 3. Is the facility contact still KENNY KNOWLES? If no, who is?:	☐ Yes ☐No ☐ Yes ☐No			
4. Will facility be conducting VE test(s) during today's inspection?	☐ Yes			

Emissions Unit Section 1 –NMMP Plant-Processing Equipment subject to NSPS Subpart OOO

		(check 🗹	only one
	1	oox for each	question)
Te	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processi		,
15	{Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majori is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granic Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlo and Sodium Sulfate; (7) Pumice; (8) Gilsonite; (9) Talc and Pyrophyllite; (10) Boron, including Borax, and Colemanite; (11) Barite; (12) Fluorospar; (13) Feldspar; (14) Diatomite; (15)Perlite; (16) Vermic (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ty te, Gravel; Salt; ride, Kernite,	
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant		
	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	⊠ Yes	□No
2.	Is the EU located above ground (i.e., not in an underground mine)?	🔯 Yes	□No
3.	Was the EU constructed, modified, or reconstructed after August 31, 1983?	☐ Yes	□No
4.	<u>Is the EU one of the following?</u>	☐ Yes	□No
	crusher, grinding mill, bucket elevator, belt conveyor, bagging operation,		
	storage bin, enclosed truck loading station enclosed railcar loading station;		
	crusher or grinding mill at hot mix asphalt plant that reduces the size of nonmetallic		
	minerals embedded in recycled asphalt pavement or subsequent emissions unit up to,		
	but not including, the first storage silo or bin; screening operation (a device for separating material according to size by passing		
	undersize material through one or more mesh surfaces (screens) in series, and retaining		
	oversize material on the mesh surfaces. Grizzly feeders associated with truck dumping		
	and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing		
	plant are not considered to be screening operations.)		
	building enclosing any of the above EUs if all enclosed EUs are not individually in		
	compliance with emissions limits. {A "vent" is any opening through		
	which there is mechanically induced air flow for the purpose of exhausting from a building		
	air carrying particulate matter (PM) emissions from one or more affected EUs.}		
su	answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5.		
5.	Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process	_	_
	any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	Yes	□No
6.	Is the EU located at a fixed sand and gravel plant or crushed stone plant with a	□ x z	
_	capacity less than or equal to 23 megagrams/hour (25 tons/hour)?	Yes	⊠No
/٠	Is the EU located at a portable sand and gravel plant or crushed stone plant with a capacity less than or equal to 136 megagrams/hour (150 tons/hour)?	□ Vas	⊠ No
Q	Is the EU located at a common clay plant or pumice plant with capacity less than or	Yes	⊠No
0.	equal to 9 megagrams/hour (10 tons/hour)?	Yes	⊠No
			_3

<u>1 –NMMP Plant-Processing Equipment subject to NSPS Subpart OOO</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?	⊠ Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or		
	which separates marketable fines from the product by a washing process which is designed and operat	ed	
	at all times such that the product is saturated with water. "Saturated material" means mineral materia		
	with sufficient surface moisture such that particulate matter emissions are not generated from processi		
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	ica	
	solety by wet suppression systems is not constituted to be suturated for purposes of this adjunction.		
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 off in the production fine:		⊠10
	[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.}		
1£	answer to any of the six Overtions 5, 10, above is "Ver" than the EU is not subject to		
	answer to any of the six Questions 5 -10 above is "Yes" then the EU is not subject to		
	bpart 000 so skip the following questions and go directly to Question 24.		
IJ	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	When was the EU last constructed modified on reconstructed?		
11	.When was the EU last constructed, modified, or reconstructed?		
12	Was the EU constructed modified or reconstructed on an effect 4/22/20082	□ Vas	□ No
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	☐ Yes	∐No
1.	angular to Overtion 12 is "No" alin the following avertions and as directly to Overtion 20		
IJ	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,		
13	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	⊠No
	1100ds, rails, dampers, etc.) to capture and transport particulate matter to a control device?		△ N0
Ιſ	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
IJ	unswer to Question 13 is 140 skip the following questions and go directly to Question 17		
1/	.Initial Tests:		
17	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
	<u> </u>	=	=
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	∐ Yes	∐No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	∐ Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	☐ Yes	∐No
1.5	1641. ETT :- 1912		
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? \[\sum N/A	Yes	∐ No
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the } $		
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from		
	one or more affected EUs.}	_	_
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	□No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?	☐ Yes	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	☐ Yes	□No

1 -NMMP Plant-Processing Equipment subject to NSPS Subpart OOO

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

<u>1 –NMMP Plant-Processing Equipment subject to NSPS Subpart OOO</u>

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 particular	te matter (PM) emissions from		
one or more affected EUs.}			_	_
b. Was the EU found to be in complia				Yes <u></u> No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	opacity? 🔲 `	Yes ∐No
23.Is a wet scrubber used to control en	nissions from the FII?			Yes \[\] No
If yes, does the owner/operator mainta				
a. a device for the continuous measur		oss of the gas stream through the	e	
scrubber and the device has been				
instructions?				YesNo
{Note: The monitoring device m			_	
pascals +1 inch water gauge pre	•	nanaractarer to se accurace with	1111 1250	
and	334101)			
b. a device for the continuous measur	ement of the scrubbing	liquid flow rate to the wet scrul	bber and the	
device has been calibrated on an				YesNo
{Note: The monitoring device m	oust be certified by the r	nanufacturer to be accurate with	hin +5%	
of design scrubbing liquid flow	rate.}			
24. When was the last VE test conducte	d by the experiences	tor for this FII2		
a. If EU is not subject to 40 CFR 60 s			vears?	Yes \[\] No
b. If EU is subject to 40 CFR subpart		o been tested within the past 5	years:	103110
i. has the EU been tested during		ndar vears?	🕅 [,]	Yes \[\] No
ii. has the EU been tested yet wi				Yes \(\sigma\)No
25. Was a VE test conducted by the own	ner/operator for this u	nit during this site visit?		Yes ⊠No
a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		YesNo
Rate:				
b. Was the VE test conducted accordi	ing to EPA Method 9? -			YesNo
c. The VE test resulted in an opacity	of% for the high	est six-minute average.	_	_
d. Did the VE test demonstrate compl	liance with the opacity	limit? (See chart below)	·	Yes ∐No
26. Was a VE test conducted by the inst	nector for this unit du	ing this site visit?		Yes \(\sum_{\text{No}}
a. Was the VE test conducted by the usp				Yes \BoxNo
Rate:	cess rate that is represe	native of the normal rate.		
b. Was the VE test conducted accordi	ng to EPA Method 9? -			Yes \[\] No
c. The VE test resulted in an opacity				
d. Did the VE test demonstrate compl				YesNo
	VE Opac	itv I imits		
	EU not subject to	Subpart OOO EU	Subpart OO	O EU
	40 CFR 60	constructed, modified,	constructed,	
	Subpart OOO	or reconstructed prior	or reconstru	
	Suspuit 000	to 4/22/2008	after 4/22/20	
Crusher with no capture system	20%	15%	129	
All other affected EUs	20%	10%	79	
	_0,0	2070	1 , ,	-

Emissions Unit Section 2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

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

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?	\boxtimes	Yes	□No
	{Note: "wet screening operation" means a screening operation which removes unwanted material or			
	which separates marketable fines from the product by a washing process which is designed and operat	ed		
	at all times such that the product is saturated with water. "Saturated material" means mineral materia			
	with sufficient surface moisture such that particulate matter emissions are not generated from processi			
	of the material through screening operations, bucket elevators and belt conveyors. Material that is wet			
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	icu		
	solely by wel suppression systems is not considered to be saturated for purposes by 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:		103	
	[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.}			
1.0				
	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.			
I f	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.			
11	W/l 4b . EVI b 4 100 100 100 100			
11	.When was the EU last constructed, modified, or reconstructed?			
12	W-4L EU		3 7	
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	Ш	Yes	⊠No
1.0	answer to Organizar 12 is "No" skin the following according and an discorder to Organizar 20			
IJ	answer to Question 12 is "No" skip the following questions and go directly to Question 20			
12	Does the FII have a particulate metter conture system (equipment including analoguese			
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
	riodus, raiis, dampers, etc.) to capture and transport particulate matter to a control device?	ш	1 68	△N0
Ι£	answay to Quastion 13 is "No" skin the following questions and go divertly to Question 10			
IJ	answer to Question 13 is "No" skip the following questions and go directly to Question 19			
11	.Initial Tests:			
14	a. Was an initial PM stack test performed on the control device within 180 days of			
			Vac	□ No
	initial startup of the EU? N/A	H	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)?	님	Yes	∐No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	님	Yes	∐No
	d. If yes, was the opacity less than or equal to 7% opacity?	Ш	Yes	∐No
4.5				
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?	Ш	Yes	∐ No
	$\{A \text{ "vent" is any opening through which there is mechanically induced air flow for the } $			
	purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
	one or more affected EUs.}			
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?		Yes	□No
	c. Was an initial VE test performed on fugitive emissions from non-vent building openings?		Yes	□No
	d. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?		Yes	□No

2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO

16. Is a baghouse used to control emissions from the EU?	□ Y	esNo
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	□ Y	es 🗌 No
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	□ Y	esNo
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?		esNo
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.}		esNo
19. Is wet suppression used to control emissions from the EU?		es 🗵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)?	□ Y	es
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?	□ Y	esNo
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	es No esNo esNo esNo

<u>2 –NMMP Plant-Crushers not subject to NSPN Subpart OOO</u>

individually in compliance with emissions limits: a. Was an initial Startup of the EU? A "vent" is any opening through which there is mechanically induced air flow for the purpose of exhausting from a building air carrying particulate matter (PM) emissions from one or more affected EUS. b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes	22. If the EU is a building enclosing any	other regulated EUs	and all enclosed EUs are not			
initial startup of the EU?	individually in compliance with emi	ssions 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.\] b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? Yes						
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)?	initial startup of the EU?		🛛 N	/A	☐ Yes	☐ No
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	{A "vent" is any opening through whi	ch there is mechanicall	y induced air flow for the			
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	purpose of exhausting from a building	air carrying particular	te matter (PM) emissions from			
b. Was the EÜ found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)? ves No c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?— ves No lf 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? No No No No No			•			
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?-		ance with the PM limit	of 0.05 g/dscm (0.022 gr/dscf)?		Yes	□No
23. Is a wet scrubber used to control emissions from the EU?					Yes	□No
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.} 24. When was the last VE test conducted by the owner/operator for this EU? 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 Rate: No Yes No No Rate: No Yes No No Rate: No N					Yes	□No
scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? —						
instructions?						
Note: The monitoring device must be certified by the manufacturer to be accurate within +250 pascals +1 inch water gauge pressure.} and						
pascals +1 inch water gauge pressure.} and b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?					Yes Yes	□No
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 m	oust be certified by the i	nanufacturer to be accurate with	nin +250		
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?	pascals +1 inch water gauge pres	ssure.}				
device has been calibrated on an annual basis in accordance with manufacturer's instructions? — Yes {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU?						
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.} 24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? YesNo b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years? YesNo ii. has the EU been tested yet within the current calendar year? YesNo a. Was the EU been tested by the owner/operator for this unit during this site visit? YesNo a. Was the VE test conducted by the owner/operator for this unit during this site visit? YesNo c. The VE test resulted in an opacity of						
24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?					☐ Yes	∐No
24. When was the last VE test conducted by the owner/operator for this EU? a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? Yes			nanufacturer to be accurate with	nin +5%		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? —	of design scrubbing liquid flow	rate.}				
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years? —	24 When was the last VF test conducte	d by the experience	tor for this FII2			
b. If EU is subject to 40 CFR subpart OOO: i. has the EU been tested during each of the past 4 calendar years?				vaare?	□ Vac	\square No
i. has the EU been tested during each of the past 4 calendar years?			o been tested within the past 3	years:		□110
ii. has the EU been tested yet within the current calendar year?			ndar vears?		∇es	\square No
25. Was a VE test conducted by the owner/operator for this unit during this site visit? Yes	i has the EU been tested wat wi	thin the current calenda	nuar years:			
a. Was the VE test conducted at a process rate that is representative of the normal rate?	ii. has the Lo been tested yet wi	tilli the current calchda	ır year:		Tes	∠√10
a. Was the VE test conducted at a process rate that is representative of the normal rate?	25. Was a VE test conducted by the own	ner/onerator for this m	nit during this site visit?		□ Yes	⊠ No
Bate:					=	=
b. Was the VE test conducted according to EPA Method 9?	<u>-</u>	cess rate that is represe	manye of the normal rate.			
c. The VE test resulted in an opacity of		ing to EPA Method 9? -			☐ Yes	□No
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below) YesNo 26. Was a VE test conducted by the inspector for this unit during this site visit? YesNo a. Was the VE test conducted at a process rate that is representative of the normal rate? YesNo Rate: b. Was the VE test conducted according to EPA Method 9? YesNo 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 Opacity Limits EU not subject to	c. The VE test resulted in an opacity	of % for the high	est six-minute average.			
26. Was a VE test conducted by the inspector for this unit during this site visit? ————————————————————————————————————	d. Did the VE test demonstrate complete	liance with the opacity	limit? (See chart below)		Yes	□No
a. Was the VE test conducted at a process rate that is representative of the normal rate? Yes	1	1 ,	`		_	_
Bate:	26. Was a VE test conducted by the insp	<i>pector</i> for this unit du	ring this site visit?		☐ Yes	⊠No
b. Was the VE test conducted according to EPA Method 9?	a. Was the VE test conducted at a pro	cess rate that is represe	ntative of the normal rate?		☐ 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 Opacity Limits EU not subject to 40 CFR 60 constructed, modified, or reconstructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system 20% 15% 12%						
d. Did the VE test demonstrate compliance with the opacity limit? (See chart below). ————————————————————————————————————					Yes	□No
VE Opacity Limits EU not subject to 40 CFR 60 constructed, modified, Subpart OOO EU constructed prior to 4/22/2008 Crusher with no capture system VE Opacity Limits Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008 15% 12%					_	
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008	d. Did the VE test demonstrate compl	liance with the opacity	limit? (See chart below)		Yes Yes	□No
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008						
EU not subject to 40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 Crusher with no capture system Subpart OOO EU constructed, modified, or reconstructed prior to 4/22/2008 15% Subpart OOO EU constructed, modified, or reconstructed on or after 4/22/2008		VE Onac	itv I imits			
40 CFR 60 constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed prior 20% constructed prior to 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed on or after 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed, modified, or reconstructed prior to 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior to 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher with no capture system constructed prior after 4/22/2008 crusher c				Subpart	OOO FII	
Subpart OOO or reconstructed prior to 4/22/2008 or reconstructed on or after 4/22/2008 Crusher with no capture system 20% 15% 12%		•	_	-		ha
to 4/22/2008 after 4/22/2008 Crusher with no capture system 20% 15% 12%					•	
Crusher with no capture system 20% 15% 12%		Suppart OOO	_			OF
1 1		2001		after 4/2		
All other affected EUs 20% 10% 7%						
	All other affected EUs	20%	10%		7%	

Emissions Unit Section 3 –NMMP Plant-All other facilities subject to subpart OOO

		(check 🗹	only one
	ł	ox for each	question)
<u>Is</u>	the Emissions Unit (EU) subject to 40 CFR part 60 subpart OOO – Nonmetallic Mineral Processing (Note: "Nonmetallic mineral" means any of the following minerals or any mixture of which the majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granit Traprock, Sandstone, Quartz, Quartzite, Marl, Marble, Slate, Shale, Oil Shale, and Shell; (2) Sand and (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock of (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) Vermice (17) Mica; (18) Kyanite, including Andalusite, Sillimanite, Topaz, and Dumortierite.}	ng Plants? y e, Gravel; Salt; ride, Kernite,	1
2. 3.	Is the EU located at a fixed or portable nonmetallic mineral processing plant or hot mix asphalt plant that has an aboveground crusher or grinding mill? ———————————————————————————————————	⊠ Yes	No No No No
su If	air carrying particulate matter (PM) emissions from one or more affected EUs.} answer to any of the four Questions 1 -4 above is "No" then the EU is not subject to bpart OOO so skip the following questions and go directly to Question 24. the answer to all of the four Questions 1-4 above is "Yes" then continue to Question 5. Is the EU subject to 40 CFR part 60 subpart F (Portland Cement Plants) or		
	subpart I (Hot Mix Asphalt Facilities), or does it follow in the plant process any other EU that is subject to 40 CFR part 60 subpart F or subpart I?	⊠ Yes	□No
	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

<u>3 –NMMP Plant-All other facilities subject to subpart OOO</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		
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

3 –NMMP Plant-All other facilities subject to subpart OOO

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

<u>3 –NMMP Plant-All other facilities subject to subpart OOO</u>

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 perfor	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	y induced air flow for the			
purpose of exhausting from a building	air carrying particular	te matter (PM) emissions from			
one or more affected EUs.}					
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	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m	nust be certified by the i	nanufacturer to be accurate with	nin +250	_	_
pascals +1 inch water gauge pre					
and	-				
b. a device for the continuous measur				e	
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m	nust be certified by the i	nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte	2	· · · · · · · · · · · · · · · · · · ·	_		
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	☐ Yes	□No
b. If EU is subject to 40 CFR subpart					
i. has the EU been tested during	each of the past 4 cale	ndar years?		⊠ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	ır year?		☐ Yes	⊠No
25 Was a VE test conducted by the ann	u au/au augtau fau thia w	uit duning this site visit?		□ Vas	⊠No
25. Was a VE test conducted by the own a. Was the VE test conducted at a pro				∐ Yes	=
Rate:	cess rate that is represe	mative of the normal rate?		☐ Yes	∐No
b. Was the VE test conducted accord	ing to EDA Method 02			☐ Yes	□No
c. The VE test conducted according	of % for the high	ect civ_minute average			
d. Did the VE test demonstrate comp	liance with the onacity	limit? (See chart below)		Yes	□No
d. Did the VE test demonstrate comp.	nance with the opacity.	mint: (See chart below).		Tes	110
26. Was a VE test conducted by the ins	nector for this unit du	ring this site visit?		☐ Yes	⊠No
a. Was the VE test conducted at a pro				Yes	□No
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 comp				Yes	□No
_					
	T/E O	•, •,			
		ity Limits	a .	000 777	
	EU not subject to	Subpart OOO EU	_	000 EU	
	40 CFR 60	constructed, modified,		cted, modifi	-
	Subpart OOO	or reconstructed prior		structed on	or
		to 4/22/2008	after 4/2	22/2008	
Crusher with no capture system	20%	15%		12%	
All other affected EUs	20%	10%		7%	
		•	i		

Emissions Unit Section 4 –NMMP Plant-Process equip't except crushers not subject toOOO

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

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</u>

{Note: "wet screening operation" means a screen which separates marketable fines from the product at all times such that the product is saturated with with sufficient surface moisture such that particul of the material through screening operations, buc		l ng	□No
{Note: Wet mining operation means a mining or a any nonmetallic mineral from deposits existing at mineral is saturated with water. "Saturated mater moisture such that particulate matter emissions a	saturated material up to the first crusher, ?	Yes	□No
If answer to any of the six Questions 5-10 above is subpart OOO so skip the following questions and go If the answer to all of the six Questions 5-10 above 11. When was the EU last constructed, modified, o	o directly to Question 24. is "No" then continue to Question 11.		
12. Was the EU constructed, modified, or reconstr	ructed on or after 4/22/2008?	☐ Yes	□No
If answer to Question 12 is "No" skip the following 13. Does the EU have a particulate matter capture Hoods, fans, dampers, etc.) to capture and tr If answer to Question 13 is "No" skip the following	system (equipment including enclosures, ransport particulate matter to a control device?	☐ Yes	□No
c. Was an initial VE test performed on any fugitive	control device within 180 days of N/A with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? re emissions (escaping capture system)? opacity?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No
	vent control device within 180 days of N/A	☐ Yes	☐ No
c. Was an initial VE test performed on fugitive en	with the PM limit of 0.032 g/dscm (0.014 gr/dscf)? missions from non-vent building openings? building openings less than or equal to 7% opacity?	Yes Yes Yes	□No □No □No

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</u>

16. Is a baghouse used to control emissions from the EU?	☐ Yes	s 🔲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	s 🗌 No
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	☐ Yes	sNo
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 🗀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.}		s No
19. Is wet suppression used to control emissions from the EU?	☐ Yes	s 🔲 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	s 🗀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	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☐ Yes☐ Yes	s

<u>4 –NMMP Plant-Process equip't except crushers not subject toOOO</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	ssions limits:				
 a. Was an initial PM stack test perfor 					
initial startup of the EU?		N	/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 particulai	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from	m non-vent building ope	enings less than or equal to 7%	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	ain and operate:				
a. a device for the continuous measur	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device n	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 scrul	ober and the	e	
device has been calibrated on an				☐ Yes	□No
{Note: The monitoring device n	nust be certified by the r	nanufacturer to be accurate witl	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducted				_	_
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	☐ Yes	∐No
b. If EU is subject to 40 CFR subpart					_
 has the EU been tested during 				∐ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	r year?		Yes Yes	∐No
				_ **	
25. Was a VE test conducted by the <i>own</i>				∐ Yes	∐No
a. Was the VE test conducted at a pro	ocess rate that is represe	ntative of the normal rate?		☐ Yes	∟No
Rate:	EDA M. d 100			□ 3 7	□ N.
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.		□ 3 7	
d. Did the VE test demonstrate comp	nance with the opacity	limit? (See chart below)		☐ Yes	∐No
26 Was a VE toot and deated by the inc		in a thin aite minit?		□ Vaa	□ Na
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 represe	mative of the normal rate?		☐ Yes	∐No
Rate:b. Was the VE test conducted accord:	ing to EDA Mothod 02			Yes	□No
c. The VE test conducted accorded to the vector of the vec				1 es	NO
d. Did the VE test demonstrate comp				Yes	□No
d. Did the VE test demonstrate comp	nance with the opacity i	mint: (See chart below)		1 Cs	110
	VE Opac	ity Limits			
	EU not subject to	Subpart OOO EU	Subpart	OOO EU	
	40 CFR 60	constructed, modified,	_	ted, modifi	ed.
	Subpart OOO	or reconstructed prior		structed on	
		to 4/22/2008	after 4/2		
Crucher with no conture exetem	20%	15%	arter 4/2	12%	
Crusher with no capture system					
All other affected EUs	20%	10%		7%	

Emissions Unit Section 5 –NMMP Plant-Diesel powered units

		(check ☑	only one
	t	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 majority is any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granity 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 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.)	ng Plants? y e, Gravel; Salt; ride, Kernite,	•
1.	Is the EU located at a fixed or portable nonmetallic mineral processing plant	□ V	□ Na
2	or hot mix asphalt plant that has an aboveground crusher or grinding mill?	☐ Yes☐ Yes	∐No □No
	Was the EU constructed, modified, or reconstructed after August 31, 1983?	Yes	□No
	Is the EU one of the following? ————————————————————————————————————	Yes	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
	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
o.	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>5 –NMMP Plant-Diesel powered units</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		
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 –NMMP Plant-Diesel powered units</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
18.Is a wet scrubber used to control emissions from the EU? If yes, does the owner/operator maintain and operate:	☐ Yes	□No
a. a device for the continuous measurement of the pressure loss of the gas stream through the scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions?	Yes	□No
b. a device for the continuous measurement of the scrubbing liquid flow rate to the wet scrubber and the device has been calibrated on an annual basis in accordance with manufacturer's instructions? {Note: The monitoring device must be certified by the manufacturer to be accurate within +5% of design scrubbing liquid flow rate.}		□No
19. Is wet suppression used to control emissions from the EU?	Yes	□No
 If yes: a. Does the owner/operator perform monthly inspections to check that water is flowing to the discharge spray nozzles? b. Does the owner/operator initiate corrective action within 24 hours and complete corrective action as expediently as practical is water is not flowing properly? c. Is each inspection of the spray nozzles, including the date and any corrective action taken, recorded in the written or electronic logbook as required by 40 CFR 60.676(b)?	☐ Yes	□No
If the EU was constructed, modified, or reconstructed on or after 4/22/2008 skip the following questions and go directly to Question 24.		
20. Does the EU have a particulate matter <i>capture system</i> (equipment including enclosures, Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
21. Initial Tests: a. Was an initial PM stack test performed on the control device within 180 days of initial startup of the EU?	☐ Yes ☐ Yes ☐ Yes ☐ Yes	☐ No ☐No ☐No ☐No

<u>5 –NMMP Plant-Diesel powered units</u>

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 perfor	med on each vent contro	ol device within 180 days of			
initial startup of the EU?		N	/A	☐ Yes	☐ No
{A "vent" is any opening through whi	ich there is mechanicall	y induced air flow for the			
purpose of exhausting from a building	air carrying particulat	te matter (PM) emissions from			
one or more affected EUs.}					
b. Was the EU found to be in complia	ance with the PM limit of	of 0.05 g/dscm (0.022 gr/dscf)?		☐ Yes	□No
c. Were initial fugitive emissions from	n non-vent building ope	enings less than or equal to 7%	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	ain and operate:				
 a. a device for the continuous measur 	ement of the pressure lo	oss of the gas stream through the	e		
scrubber and the device has been					
instructions?				☐ Yes	□No
{Note: The monitoring device m	nust be certified by the r	nanufacturer to be accurate witl	nin +250		
pascals +1 inch water gauge pre	ssure.}				
and					
b. a device for the continuous measur				e	
device has been calibrated on an				Yes Yes	□No
{Note: The monitoring device m		nanufacturer to be accurate with	nin +5%		
of design scrubbing liquid flow	rate.}				
24. When was the last VE test conducte					
a. If EU is not subject to 40 CFR 60 s		U been tested within the past 5	years?	∐ Yes	∐No
b. If EU is subject to 40 CFR subpart					
i. has the EU been tested during				∐ Yes	∐No
ii. has the EU been tested yet wi	thin the current calenda	r year?		☐ Yes	∟No
25 W				□ xz	□ N.
25. Was a VE test conducted by the <i>own</i>				∐ Yes	∐No
 a. Was the VE test conducted at a pro- Rate: 	cess rate that is represe	mative of the normal rate?		∐ Yes	∐No
b. Was the VE test conducted accordi	ing to EDA Mothod 02			☐ Yes	□No
c. The VE test conducted accords	of % for the high	ost siv minuta avaraga			
d. Did the VE test demonstrate comp	lioned with the operity	limit? (Soo chart bolow)		☐ Yes	□No
d. Did the VE test demonstrate comp.	nance with the opacity i	mint? (See chart below)		res	NO
26. Was a VE test conducted by the insp	nector for this unit du	ring this site visit?		Yes	□No
a. Was the VE test conducted at a pro				Yes	□No
Rate:	eess rate that is represe	native of the normal 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
r		(
	VE Opac				
	EU not subject to	Subpart OOO EU	_	OOO EU	
	40 CFR 60	constructed, modified,		ted, modifi	
	Subpart OOO	or reconstructed prior	or recon	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%	
	-0.70	20,0	<u> </u>	•	

Emissions Unit Section 6 –Portable 42" telescoping Radial Stacker

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 majorities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granities any of the following minerals: (1) Crushed and Broken Stone, including Limestone, Dolomite, Granities and Sodium Raolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Stones (3) Clay including Kaolin, Fireclay, Bentonite, Fuller's Earth, Ball Clay, and Common Clay; (4) Rock Stones (5) Gypsum (natural or synthetic); (6) Sodium Compounds, including Sodium Carbonate, Sodium Chlora 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? ———————————————————————————————————	y e, Gravel; Salt; ride, Kernite, ulite; Yes Yes	□No □No □No □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.}		
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

<u>6 -Portable 42" telescoping Radial Stacker</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?	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		
	at all times such that the product is saturated with water. "Saturated material" means mineral materic 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 we		
	solely by wet suppression systems is not considered to be "saturated" for purposes of this definition.}	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
10	Is the EU a screening operation, bucket elevator or belt conveyor in the production line		
	downstream of wet mining operation that process saturated material up to the first crusher,	□ v _{os}	⊠No
	grinding mill or storage bin in the production line?	☐ Yes	⊠N0
	{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.}		
	wer suppression systems is not considered to be saturated for purposes of this definition.		
	answer to any of the six Questions 5-10 above is "Yes" then the EU is not subject to		
	bpart 000 so skip the following questions and go directly to Question 24.		
If	the answer to all of the six Questions 5-10 above is "No" then continue to Question 11.		
11	.When was the EU last constructed, modified, or reconstructed?		
12	. Was the EU constructed, modified, or reconstructed on or after 4/22/2008?	⊠ Yes	□No
If	answer to Question 12 is "No" skip the following questions and go directly to Question 20		
13	.Does the EU have a particulate matter capture system (equipment including enclosures,		
	Hoods, fans, dampers, etc.) to capture and transport particulate matter to a control device?	☐ Yes	□No
If	answer to Question 13 is "No" skip the following questions and go directly to Question 19		
1 /	Total Trade.		
14	Initial Tests:a. Was an initial PM stack test performed on the control device within 180 days of		
	initial startup of the EU? N/A	⊠ Yes	□ No
	b. If yes, was the EU found to be in compliance with the PM limit of 0.032 g/dscm (0.014 gr/dscf)?	Yes	□No
	c. Was an initial VE test performed on any fugitive emissions (escaping capture system)?	Yes	□No
	d. If yes, was the opacity less than or equal to 7% opacity?	Yes	∐No
15	. If the EU is a building enclosing any other regulated EUs and all enclosed EUs are not		
1.	individually in compliance with emissions limits:		
	a. Was an initial PM stack test performed on each vent control device within 180 days of		
	initial startup of the EU? 🔯 N/A	Yes Yes	☐ No
	{A "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.}		
ll .	one or more imprientally		
		☐ 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?	☐ Yes ☐ Yes	□No □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	

<u>6 -Portable 42" telescoping Radial Stacker</u>

16. Is a baghouse used to control emissions from the EU?	⊠ Ye	sNo
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	☐ Ye	s 🗌 No
18. Is a wet scrubber used to control emissions from the EU?	☐ Ye	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?		sNo
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.}		s
19. Is wet suppression used to control emissions from the EU?	☐ Ye	s \[\]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)?	☐ Ye	s
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?	☐ Ye	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?	☐ Ye ☐ Ye ☐ Ye ☐ Ye	s

<u>6 -Portable 42" telescoping Radial Stacker</u>

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			Į!
initial startup of the EU?		Yes	□ No
{A "vent" is any opening through which there is mechanically induced air flow for the	ш	168	
purpose of exhausting from a building air carrying particulate matter (PM) emissions from			
one or more affected EUs.} h. Was the EU found to be in compliance with the PM limit of 0.05 g/dsem (0.022 gr/dsef)?		Vac	\square No
b. Was the EU found to be in compliance with the PM limit of 0.05 g/dscm (0.022 gr/dscf)?	\vdash	Yes	∐No
c. Were initial fugitive emissions from non-vent building openings less than or equal to 7% opacity?	Ш	Yes	∐No
22 To a most assemble as an analysis and from the EII9		*7	□ No
23. 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			Į!
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?	\sqcup	Yes	□No
{Note: The monitoring device must be certified by the manufacturer to be accurate within +5%			
of design scrubbing liquid flow rate.}			
24. When was the last VE test conducted by the owner/operator for this EU?	_		
a. If EU is not subject to 40 CFR 60 subpart OOO, has the EU been tested within the past 5 years?		Yes	□No
b. If EU is subject to 40 CFR subpart OOO:			
i. has the EU been tested during each of the past 4 calendar years?		Yes	□No
ii. has the EU been tested yet within the current calendar year?		Yes	□No
			_
25. Was a VE test conducted by the owner/operator for this unit during this site visit?		Yes	⊠No
a. Was the VE test conducted at a process rate that is representative of the normal rate?		Yes	□No
Rate:			
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?		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
or bid the 12 tool demonstrate compensation of the compensation of	_	100	
			l

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)?	⊠ Yes	☐ No
b) Use of water trucks equipped with spray bars to apply water or effective dust suppressant(s) on a regular basis (to all stockpiles, roadways and work yards)? N/A c) Paving and maintaining roads and parking areas? N/A d) Removal of particulate matter from roads and other paved areas under control	⊠ Yes □ Yes	□ No ⊠ No
of the owner/operator to prevent re-entrainment, and from building or work areas to reduce airborne particulate matter? N/A	⊠ Yes	☐ No
e) Reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles? N/A	☐ Yes	☐ No
2. If reasonable precautions <u>not</u> being taken: a) Did the inspector perform a general VE test (20% opacity)? N/A b) If tested: ()% opacity. Were the visible emissions < 20% opacity? c) What caused the problem(s) (if known)?	Yes Yes	□ No □No
CONFIRMATION OF GENERAL PERMIT ELIGIBILITY	(check 🗹 box for each o	only one
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?		⊠No ⊠No ⊠No
2. Does this facility include: a) any emission units or activities not covered by the applicable air general permit (with the exception units and activities that are exempt from permitting pursuant to subsection Rule 62-210.300(3) or Rule 62-4.040, F.A.C.)? If YES, what non-exempt units or activities?	or	⊠No
b) any emissions units or activities authorized by another air general permit where such other air gene permit and this general permit specifically allow the use of one another at the same facility? If YES, what other general permit units or activities?		⊠No

3. Is the total combined annual facility-wide fuel usage of all plants less than or equal to: a) 275,000 gallons of diesel fuel?	- ☐ Yes - ☐ Yes - ☐ Yes ☐ Yes ☐ Yes ne/yr ≤ 1.00° /yr	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 o	only one [uestion]
Allowed the emission of air pollutants without the proper operation of all applicable air pollution control devices?	Yes	⊠No
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	□No
terms and conditions of the air general permit?	⊠ Yes	□No
to the facility at reasonable times to inspect and test and to determine compliance with the air general permit and Department rules?		□No
RELOCATABLE PLANT	(check 🗹	only one
	box for each of	•
 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(6 to the Department or Local Air Program no later than five business days following relocation? 	[)]	□No
3. If the relocatable NMMP plant was co-located at a facility with a separate air construction or air operat 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?	ion Yes	□No

CHANGES Administrative Changes:	(check ☑ box for each	only one question)
 Were there any changes in the name, address, or phone n associated with a change in ownership or with a physical operations comprising the facility; or any other similar m If YES, did the facility provide written notification within 	I relocation of the facility or any emissions units or ninor administrative change at the facility? Yes	⊠No □No
New or Modified Process Equipment or Change in Ownersh 3. Since the last registration form submittal has there been a) Installation of any new process equipment? b) Alterations to existing process equipment without rep c) Replacement of existing equipment with equipment th d) A change in ownership?	nip:	□No□No□No□No
FRANK DELGADO	5/15/2013	
Inspector's Name (Please Print)	Date of Inspection	
	5/2014	
Inspector's Signature	Approximate Date of Next Inspection	

COMMENTS: THE ROCK QUARRY WAS OPERATIONAL AT THE TIME OF THE INSPECTION. I DID NOT OBSERVE ANY VISIBLE EMISSIONS AROUND THE FACILITY. A VISIBLE EMISSIONS TEST IS DUE THIS CALENDAR YEAR.

REVIEWED
By Ray Gordon at 2:04 pm, May 28, 2013