Table 2-1, Summary of Compliance Requirements

Florida Rock Industries, Inc.
Newberry Cement Plant

Facility ID No.: 0010087

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
EU001	Raw Material Handling and Storage

(EP01) Raw Material Unloading C01 to C02
(EP02) Raw Material Handling Unloading C02 to ground pile
(EP03) C01 2nd transfer point C08 onto C01
(EP04) C01 3rd transfer point C09 to C08
(EP05) C04/ C05 Reclaimer & Dry Rock Storage to D01
(EP06) C15 Below-Water Rock Crusher
(EP07) Raw Material Handling & Unloading D01 onto D02
(EP08) C25 Above-water Rock Crusher to C23 underbelt
(EP09) Mobile Crusher PC01 to ground pile
(EP10) C10 conveyor onto C09 conveyor
(EP11)- Mobile Powerscreen Conveyors A27
(EP12)- Mobile Powerscreen A26 onto conveyor PP02
(EP13) C20 Conveyor onto C10
(EP14) C22 100' Stacker Conveyor onto C21
(EP15) C21 Covered Surge Bin/ Feeder onto integral feedbelt
(EP16) C21 Bin Feeder Underbelt onto C20
(EP17) C23 Underbelt onto conveyor C22

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date*	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions (EP01) & (EP02)		EPA Method 9	Annual FFY		30 Minutes	N/A	III.A.5.a.
Visible Emissions (EP03) thru (EP10) and (EP13 thru EP17)		EPA Method 9	Annual FFY		30 Minutes	N/A	III.A.5.b.
Visible Emissions (EP11) & (EP12) at EU001 or EU007		EPA Method 9	Annual		30 Minutes	N/A	III.A.5.c.

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Table 2-1, Summary of Compliance Requirements

Florida Rock Industries, Inc.
Newberry Cement Plant **Facility ID No.:** 0010087

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E.U. ID No.

EU002 Raw Mill System controlled by EU003
(EP01) Kiln ESP Dust and Raw Meal to Homogenization Silo (E-28)
(EP03) Kiln ESP dust and raw material to homogenization silo No. 2 (G-07)
(EP04) Raw meal and Kiln ESP dust to preheater all controlled by fabric filter (H-08)

Pollutant Name or Parameter	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions (EP01)	EPA Method 9	Annual		30 Minutes	N/A	III.B.7.
Particulate Mater (EP01)	Compliance with VE Standard	Annual		N/A	N/A	III.B.8.
Visible Emissions (EP03)	EPA Method 9	Annual		30 Minutes	N/A	III.B.7.
Particulate Matter (EP03)	Compliance with VE Standard	Annual		N/A	N/A	III.B.8.
Visible Emissions (EP04)	EPA Method 9	Annual		30 Minutes	N/A	III.B.7.
Visible Emissions (EP01, 03 & EP04)	EPA Method 22	Monthly (various) until 9/8/13; after 9/9/13 momthly [various]		1 minute/ 10 minutes	N/A	III.B.10.a., III.B.10.b.
Particulate Matter (EP04)	Compliance with VE Standard	Annual		N/A	N/A	III.B.8.
Sulfur Content	Certified Fuel Supplier	As Received		N/A		III.B.9.

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Florida Rock Industries, Inc.

Newberry Cement Plant

Facility ID No.: 0010087

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**CMS [=] continuous monitoring system ***CEMS Applicability date 9/9/2013

E.U. ID No.	Brief Description
EU003	Kiln System-line 1

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions (Kiln)	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel Oil	EPA Method 9 / COM & CEM on & after 9/9/13	Annual / Continuous	60 minutes	Y	III.C.18.
Particulate Matter	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel Oil	EPA Method 5 CEMS 9/9/2013	Annual	3 one hour runs	Y	III.C.18.; C.21
Particulate Matter (PM10)	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	EPA Method 5	Annual	3 one hour runs	N/A	III.C.18.; C.22.
Sulfur Dioxide	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CEMS	Continuous	Daily Average	Y	III.C.18.; C.23.
NOx	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CEMS	Continuous	Daily Average	Y	III.C.18.; C.24.
Carbon Monoxide	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	EPA Method 10	Annual	3 one hour runs	N/A	III.C.18.; C.25.
VOC	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	EPA Method 25, 25A, CEMS	Annual	3 one hour runs	N/A	III.C.18.; C. 26.
SAM	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	EPA Method 8	Annual	3 one hour runs	N/A	III.C.18.; C.27.
DIOX/Furan (D/F)	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	EPA Method 23	Every 30 Months	3 three hour runs		III.C.18.; C.28.
FLOW	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CMS			Y	III.C.29.
O2	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CMS			Y	III.C.31.
Hg Compounds	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	Sampling/ CEMS 9/9/2013	Monthly		Y	III.C.32.f.; C.39.
Temperature	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CMS				III.C.34.
Ammonia	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	CMS	Continuous		Y	III.C.2.c
HCL	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	***CEMS 9/9/2013		Every 30-Months	Y	III.C.8.; C.32.c.
THC	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel	***CEMS 9/9/2013			Y	III.C8.; C.32.e.

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E.U. ID No.	**Brief Description**
EU004	Clinker Handling System (EP01)- Clinker cooler discharge and breaker conveyor (EP02)- Clinker Silo North (EP03)- Clinker Cooler (ESP)

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Particulate Matter (EP03)		EPA Method 5, on & after 9/9/13	Annual		3 one hour runs	N/A	III.D.11., D.14.b.
PM10 (EP03)		EPA Method 5	Annual		3 one hour runs	N/A	III.D.12.
Visible Emissions (EP03)		On & after 9/9/13 CEMSCMS	Continuous		N/A	Y	III.D.9.a.
Particulate Matter (EP01, EP02]		Compliance w/VE Standard	Annual		N/A	N/A	III.D.13.
Visible Emissions (EP01, EP02]		EPA Method 9	Annual		30 Minutes	N/A	III.D.8.a.
Visible Emissions (EP01, EP02]		EPA Method 22	Monthly [various]		10 Minute	N/A	III.D.8.b., III.D.10.b.

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Table 2-1, Summary of Compliance Requirements

Florida Rock Industries, Inc.
Newberry Cement Plant

Facility ID No.: 0010087

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E.U. ID No.	Brief Description
EU005	Finish Grinding Operations

(EP02)- Clinker to finish Mill M-08
(EP03)- Finish mill air separator- N-09
(EP04)- Finish Mill- N-12
(EP05)Cement Handling bucket conveyor N-91
(EP06)- Cement Storage East Silo -Q25
(EP07)- Cement Storage West Silo -Q26

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Particulate Matter (EP02 & EP03)		Compliance w/ VE Standard	Annual		N/A	N/A	III.E.7.
Visible Emissions (EP02)		EPA Method 9	Annual		30 Minutes	N/A	III.E.6.
Visible Emissions (EP03 & EP04)		EPA Method 9	Annual		30 Minutes	N/A	III.E.6.
Visible Emissions (EP03 & EP04)		EPA Method 22	Daily		6 Minutes	N/A	III.E.5.c.
Visible Emissions (EP's 02, 05, 06 & 07)		EPA Method 22	Monthly		10 Minute	N/A	III.E.5.a & E.5.b.
Particulate Matter (EP04 & EP05)		Compliance w/ VE Standard	Annual		N/A	N/A	III.E.8.
Visible Emissions (EP05)		EPA Method 9	Annual		30 Minutes	N/A	III.E.7.
Particulate Matter (EP06 & EP07)		Compliance w/ VE Standard	Annual		N/A	N/A	III.E.8.
Visible Emissions (EP06 & EP07)		EPA Method 9	Annual		30 Minutes	N/A	III.E.7..

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Facility ID No.: 0010087

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E.U. ID No.	Brief Description
EU006	Cement Handling, Loading and Bagging

(EP01)-Cement Silo South loadout- Q-14
(EP02)- Cement Silo North loadout- Q-17
(EP03)-Cement Silo Railcar Loadout- Q-21
(EP04)-Cement bagging operation- R-12

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Particulate Matter (EP01)		Compliance w/ VE Standard	Annual		N/A	N/A	III.F.8.
Visible Emissions (EP01)		EPA Method 9	Annual		30 Minutes	N/A	III.F.6. & F.7.
V.E. (EP01-04)		EPA Method 22	Monthly		1 Minute	N/A	III.F.5.a. & F.5.b.
Particulate Matter (EP02)		Compliance w/ VE Standard	Annual		N/A	N/A	III.F.7.
Visible Emissions (EP02)		EPA Method 9	Annual		30 Minutes	N/A	III.F.5.
Particulate Matter (EP03)		Compliance w/ VE Standard	Annual		N/A	N/A	III.F.7.
Visible Emissions (EP03)		EPA Method 9	Annual		30 Minutes	N/A	III.F.6. & F.7.
Particulate Matter (EP04)		Compliance w/ VE Standard	Annual		N/A	N/A	III.F.8.
Visible Emissions (EP04)		EPA Method 9	Annual		30 Minutes	N/A	III.F.6. & F.7.

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Table 2-1, Summary of Compliance Requirements

Florida Rock Industries, Inc.
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Facility ID No.: 0010087

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E.U. ID No.	**Brief Description**
EU007	Coal Grinding and Handling

(EP01)-Coal Mill- S-17
(EP02)-Pulverized coal storage bin- S-21 and fugitive emissions from coal handling and storage.
(E)03) S07 Coal Storage and Handling Building (fugitive)
(EP04)- Mobile Power Screen
(EP05)- Mobile Power Screen Conveyors

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Frequency	CMS**	See permit condition(s)
Visible Emissions (EP01)		EPA Method 9	Annual		30 Minutes	N/A	III.G.8.
Visible Emissions (EP02)		EPA Method 9	Annual		30 Minutes	N/A	III.G.8.
Visible Emissions (EP04)		EPA Method 9	Annual		30 Minutes	N/A	III.G.8.
Visible Emissions (EP05)		EPA Method 9	Annual ***		30 Minutes	N/A	III.G.8.
Visible Emissions (Fugitive)		EPA Method 9	Annual ***		30 Minutes	N/A	III.G.8.
Particulate Matter (Fugitive)		Reasonable Precautions	N/A		N/A	N/A	III.G.8.
PM		****	N/A		N/A	N/A	III.G.5.
TEMP		CMS	N/A		N/A	N/A	III.G.6.a.
			Continuous		N/A	Y	III.G.9.

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*** Annual testing is required at EU007 **OR** EU001.
**** Compliance with the V.E. standard in G.4 shall be considered compliance with the PM standard established in G.5.

Florida Rock Industries, Inc.
Newberry Cement Plant **Facility ID No.:** 0010087

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E.U. ID No.	**Brief Description**
EU008	Clinker-to-Railcar/ Truck Transfer Conveyor (EP01)-Conveyors (EP02)-Head Chute (EP03)- Railcar/ Truck- Loading spout

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions (EP01, 02 & 03)		EPA Method 9	Annual		30 Minutes	N/A	III.H.4.
Visible Emissions (EP01, 02 & 03)		Recordkeeping	Monthly				III.H.7.
V.E. EP01-03)		EPA Method 22	Monthly		1 Minute/ 10 Minutes	N/A	III.H.6.a & H.6.b.

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E.U. ID No.	Brief Description
EU009	Raw Mill System-Line 2

(EP01) Transfer D32-34 belts
(EP02) Transfer D34-36 belts
(EP03) Transfer D36-39 belts and bins
(EP04) Transfer D bins unloading to belts
(EP05) Transfer D36-2D39 belts & bins
(EP06) 2 D Bins for unloading to belts
(EP07) Airslides & bottom to airlift
(EP08) Transfer C13-14 belts and D52 belt
(EP09) Top od Airlift & homogenizing silo
(EP010) Homogenizing silo to preheater feeed & bin 2E30

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions (EP01)		EPA Method 9	Annual		30 Minutes	N/A	III.L.3.; L.5.
Visible Emissions (EP02)		EPA Method 9	Annual		30 Minutes	N/A	III.L.3.; L.5.
Visible Emissions (EP03)		EPA Method 9	Annual		30 Minutes	N/A	III.L.3.; L.5.
Visible Emissions (EP04)		EPA Method 9	Annual		30 Minutes	N/A	III.L.3.; L.5.
Visible Emissions (EP08)		EPA Method 9	Annual		30 Minutes	N/A	III.L.3.; L.5.
All EPs		EPA Method 22	Monthly		5- six-minutes	N/A	III.L.7.a. and L.7.b.

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E.U. ID No Brief Description

EU010 In Line Kiln/ Raw Mill - Line 2

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS/ COM**	See permit condition(s)
PM		EPA Method 5	Annual	continuous	3 hours	CEMS***	III.M.16; M.2b.; M.24.a.
PM10		EPA Method 5	Annual		3 hours		III.M.16; M.2b.; M.24.a.
SO2			Annual	continuous	24 hours	Yes	III.M.16.
Nox			Annual	continuous	30 day	Yes	III.M.16.
Visible Emissions		EPA Method 9	Annual	continuous	60 Minutes	Yes	III. M.16.
CO				continuous	24 hours	Yes	III.M.16.
VOC				continuous	30 day block	Yes	III.M.16.
D/F		EPA Method 23	Every 30 Months		3 3-hr runs		III.M.16.
THC				continuous		Yes	III.M.15.; M.16; M.2.b.; M.15.
Hg Compounds		Sampling	Monthly	continuous		CEMS***	III. M.2.b.; M.22; M.24.d.
HCL				continuous		CEMS***	III.M.2.b.; M.24.b.

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***CEMS Applicability date 9/9/2013

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E.U. ID No.	Brief Description
EU011	Clinker Handling- Line 2

2L03 Cooler discharge
2L12 Clinker into silo #3
2L13 Clinker Transport (2L20, 2L08)
2L15 clinker into silo #4
2L16 Clinker Transport (2L01, 2L20)
2L18 Clinker into silo #4
2K15 Clinker-cooler stack

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	COM or CMS**	See permit condition(s)
PM- ESP		EPA Method 5	Annual			Yes	III.N.5.
PM10- ESP		EPA Method 5	Annual			Yes	III.N.5.
PM- Baghouse		EPA Method 5	Annual				III.N.5.
PM10 baghouse		EPA Method 5	Annual				III.N.5.
VE		EPA Method 9	Annual	continuous	30 Minutes	Yes	III.N.5.

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RATA for CEM may be used to demonstrate compliance with annual testing, if the facility provides prior notification.

On & after 9/9/13 Clinker Cooler PM & VE compliance is by CEMS.

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Florida Rock Industries, Inc.
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E.U. ID No.	Brief Description
EU012	Finish Grinding Operations Line 2 2M07 Clinker from Silos 1 & 2 (Clinker to Finish Mill #2) 2N09 Finish Mill #2 air separator 2N12 Finish Mill #2 2N91 Airlift Separator (Finish Mill Elevator and Airslides) 2N36 Cement to Fringe Silo 2Q25 Cement Silo #6 2Q26 Cement to Silo #7

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions		EPA Method 9	Annual		30 Minutes	N/A	III.O.8.
Visible Emissions (EP2N09 7 2N12)		EPA Method 22	various		various		III.O.5.a.; O.5.b.
All Eps of EU012							

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E.U. ID No Brief Description

EU013 Cement load-Out Silos 6 & 7

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	See permit condition(s)
Visible Emissions		EPA Method 9	Annual		30 Minutes	N/A	III.P.7.
Visible Emissions		EPA Method 22	Daily		10 minutes		III.P.5.a.

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Florida Rock Industries, Inc.

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E.U. ID No.	**Brief Description**
EU014	Coal Handling 7 Grinding Operation
	EP 2S17
	2S21

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	COM/ CMS**	See permit condition(s)
VE		EPA Method 9	Annual		60 Minutes***	N/A	III.Q.8
Visible Emissions ****		EPA Method 9	Annual		30 Minutes	N/A	III.Q.9
PM *****		EPA Method 5	Annual			N/A	III.Q.9

Notes:

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**CMS [=] continuous monitoring system **COM continuous opacity monitoring

*** If, during the initial 30 minutes of the observation, all 6-minute avg opacity is < or equal to half the applicable opacity limit, then the observation period may be reduced from 1 hr to 30-min

**** 5% in lieu of PM testing

*****If required