Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos Newberry Cement Plant

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 Unloading

(EP01) Raw Material Unloading C01 onto C02
(EP02) Raw Material Handling & Unloading C02 conveyor belt transfer/drop from C02 discharge tripper-car onto ground
(EP03) C01 2nd transfer point from C08 to conveyor C01
(EP04) C01 3rd transfer point from C09 to conveyor C08
(EP05) C04/C05 Reclaimer & Drydock Storage from reclaimer to D01.
(EP06) Below-Water Rock Crusher
(EP07) Raw Material Handling & Unloading from D01 conveyor transfer point to D02 conveyo
(EP08) C25 Above-Water Rock Crusher shrouded drop point/transfer point from C25 crusher to C23 underbelt
(EP09) Mobile Crusher PC01 to ground pile
(EP10) C10 Conveyor Systemt from C10 conveyor to C09 Conveyor
(EP11) Mobile Powerscreen Conveyors A26 onto powerscreen conveyor PP02
(EP12) Mobile Powerscreen Conveyor transfer/drop point from powerscreen-conveyor A27 onto ground pile
(EP13) C20 Conveyor C20 at south end of existing C10 from conveyor C20 onto Conveyor C
(EP14) C22 - 100 ft stacker conveyor on south end of new conveyor segment C20 point from Conveyor C22 into surge bin C21
(EP15) C21 Covered Surge-bin/ Feeder C21 that receives rock from C22 conveyor and place
(EP016) C21 Bin Feeder Underbelt drop point from integral feeder-belt C21 onto conveyor C20.
(EP17) C23 Underbelt (intgral to Crusher C25) drop point from underbelt C23 onto conveyor (

Pollutant Name	HPY	Standard(s)	Regulatory Citation(s)	See permit condition(s)
Visible Emissions (EP01) through (EPs 05(, (EP07) & (EPs 10- EP17)	8760 *	< or equal to 10% Opacity	40 CFR 60.62(c)	III.A.2
Visible Emissions (EP06), (EP08) & (EP09)	8760	< or equal to 15% Opacity	40 CFR 60.672(b)	III.A.3.

* The operating schedule (8760 HPY) shall not be affected by the occasional use of (EP11 and EP12) [Air Construction Permit No. 0010087-019-AC]

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos Newberry Cement Plant

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
EU002	Raw Mill System-Line 1

(EP01) Kiln ESP Dust and Raw Meal to Homogenization Silo (E-28)
(EP03) Raw Mill and Kiln ESP Dust into homogenization Silo (G-07)
(EP04) Raw meal and Kiln ESP dust to preheater all controlled by fabric filter (H-08)

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Visible Emissions (EP01)	No. 2 Fuel Oil & Natural Gas	8760	< or equal to 5% Opacity 1			62-212.400	III.B.4.
Particulate Mater (EP01)	No. 2 Fuel Oil	8760	< or equal to 0.01 gr/dscf			BACT 12/20/96	III.B.5.
Visible Emissions (EP03)	No. 2 Fuel Oil & Natural Gas	8760	< or equal to 5% Opacity 1			62-212.400	III.B.4.
Particulate Matter (EP03)	No. 2 Fuel Oil	8760	< or equal to 0.01 gr/dscf			BACT 12/20/96	III.B.5.
Visible Emissions (EP04)	No. 2 Fuel Oil & Natural Gas	8760	< or equal to 5% Opacity 1			62-212.400	III.B.4.
Particulate Matter (EP04)	No. 2 Fuel Oil	8760	< or equal to 0.01 gr/dscf			BACT 12/20/96	III.B.5.
Sulfur Content	No. 2 Fuel Oil	8760	< or equal to 0.05% by weight			BACT	III.B.6.

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.
NOTE 1: 10% from 40 CFR 63.1343(b)(1) is less stringent

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC

Argos Newberry Cement Plant

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
EU003	Kiln System-Line 1

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour **	TPY **	Regulatory Citation(s)	See permit condition(s)
Visible Emissions (Kiln)	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, Propane or No. 2 Fuel Oil	8760	Shall not exceed 10% Opacity			BACT	III.C.6.
Particulate Matter	"	8760	< or equal to 0.14 lb/T of dry feed to preheater & 0.23 lb/T of clinker	25.9	94.0	BACT 12/20/96, 40 CFR 60.62(a)(1), 40 CFR 63.1343(c)(1)]	III.C.7.a.
Particulate Matter (PM10)	"	8760	< or equal to 0.12 lb/T of dry feed to preheater & 0.20 lb/T of clinker	22.1	80.0	BACT 12/20/96	III.C.7.b.
Sulfur Dioxide	"	8760	< or equal to 0.10 lb/T of dry feed to preheater & 0.16 lb/T of clinker (24-hr rolling avg.)	17.7	64.0	BACT 12/20/96	III.C.8.
NOx	"	8760	< or equal to 1.50 lb/T of dry feed to preheater & 2.45 lb/T of clinker (30-day rolling avg)	271.0	980.0	BACT 12/20/96	III.C.9.
Carbon Monoxide	"	8760	< or equal to 1.55 lb/T of dry feed to preheater & 2.50 lb/T of clinker	276.0	1,000.0	BACT 12/20/96	III.C.10.
VOC	"	8760	< or equal to 0.075 lb/T of dry feed to preheater & 0.11 lb/T of clinker	11.8	43.0	BACT 12/20/96	III.C.11.
SAM	"	8760	< or equal to 0.0016 lb/T of dry feed to preheater & 0.0025 lb/T of clinker	0.25	1.0	BACT 12/20/96	III.C.12.
Hg Compounds	"	8760	< or equal to 200 lb/year in all fuels and Kiln System.			BACT 12/20/96	III.C.5.

* The "Equivalent Emissions" listed are for informational purposes only.

** The Kiln lb/hr and TPY rates include fuel oil combustion emissions from the raw mill air heater.

1 Measured as propane.

2 Any source subject to the 24 ppmvd THC limit may elect to meet an alternative limit of 9 ppmvd for total organic HAP. If the source demonstrates compliance with the total organic HAP under the requirements of §63.1349 then the source's THC limit will be adjusted to equal the average THC emissions measured during the organic HAP compliance test. 3 If the kiln does not have a HCl CEM, the emissions limit is zero.

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos 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
EU004	Clinker Handling System-Line 1 (EP01)- Clinker cooler to silos conveyor (L-01) (EP02)- Clinker Silo North (L-06) (EP03)- Clinker Cooler (ESP)

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter (Clinker Cooler)		8760	Until 9/8/15- < or equal to 0.08 lb/T of dry Feed to kiln and 0.14 lb/T of Clinker **	15.4	56.0			40 CFR 60.62(b)(1), 40 CFR 63.1345(a)(1)	III.D.3.a.
Particulate Matter (Clinker Cooler)		8760	On & after 9/9/15- 0.07 lb/T of clinker preheater (normal operation); 0.08 lb/T of dry Feed to kiln	15.4	56.0			40 CFR 63.1343(b)(1), Table 1 Compliance date 9/9/2015	III.D.3.b.
PM10 (Clinker Cooler)		8760	Clinker; On & After 9/9/15 < or equal to 0..07 lb/T of dry Feed to kiln	13.0	47.0			BACT 12/20/96	III.D.4.
Visible Emissions (Clinker Cooler)		8760	Until 9/8/15 < or equal to 10% Opacity. On & after 9/9/15 PM CEMS					40 CFR 60.62(b)(2), 40 CFR 63.1345(a)(2)]	III.D.6.
Particulate Matter (EP01)		8760	< or equal to 0.01 gr/dscf **					PSD-FL-228	III.D.5.
Visible Emissions (EP01, EP02]		8760	< or equal to 5% Opacity					PSD-FL-228	III.D.7.
Particulate Matter (EP02)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.D.5.

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.
** After Compliance date 9/9/2013 PM emissions limits in S.C. No.s D.3.a and D.5. no longer apply

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos 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
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 in finish mill- N-91
(EP06)- Cement Storage East Silo -Q25
(EP07)- Cement Storage West Silo-Q26

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter (EP02)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP02)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.
Particulate Matter (EP03)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP03)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.
Particulate Matter (EP04)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP04)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.
Particulate Matter (EP05)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP05)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.
Particulate Matter (EP06)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP06)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.
Particulate Matter (EP07)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.E.3.
Visible Emissions (EP07)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 63.1347, 40 CFR 63.1348	III.E.4.

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos 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**
EU006	Cement Handling, Loading and Bagging (EP01)-Cement silo loadout South- Q-14 (EP02)- Cement silo loadout North- Q-17 (EP03)-Cement silo Railcar loadout- Q-21 (EP04)-Cement bagging operation- R-12

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter (EP01)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.F.3.
Visible Emissions (EP01)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 1348	III.F.4.
Particulate Matter (EP02)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.F.3.
Visible Emissions (EP02)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 1348	III.F.4.
Particulate Matter (EP03)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.F.3.
Visible Emissions (EP03)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 1348	III.F.4.
Particulate Matter (EP04)		8760	< or equal to 0.01 gr/dscf					PSD-FL-228	III.F.3.
Visible Emissions (EP04)		8760	< or equal to 5% Opacity					40 CFR 60.62(c), 40 CFR 1348	III.F.4.

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.

Table 1-1, Summary of Air Pollutant Standards and Terms

Argos Cement, LLC
Argos 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
EU007	Coal Grinding and Handling (EP01)-Coal Mill- S-17 into stack S18 (EP02)-Pulverized coal storage bins baghouse S21 to atmospheric vent. (EP03) Coal Storage & Handling Building S07 (fugitive) (EP04)- Mobile Powerscreen (A26) (EP05)- Mobile Powerscreen Conveyors (A27)

Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*			
			Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Visible Emissions (EP01)		8760	< or equal to 5% Opacity					BACT 12/20/96	III.G.3.
Visible Emissions (EP02)		8760	< or equal to 5% Opacity					BACT 12/20/96	III.G.3.
Visible Emissions (EP04)		8760	< or equal to 10% Opacity						III.G.3.
Visible Emissions (EP05)		8760	< or equal to 10% Opacity						III.G.3.
Visible Emissions (Fugitive)		8760	< or equal to 5% Opacity except < or equal to 20% Opacity when coal is added, moved, or removed					40 CFR 60.252(c)]	III.G.4.
Particulate Matter (Fugitive)		8760	Reasonable Precautions					BACT 12/20/96	III.G.5.
PM (EP01 & EP02)		8760	0.01 gr/dscf					BACT 12/20/96	III.G.6.b.

Notes:
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Argos Cement, LLC
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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 Spout

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Visible Emissions (EP01, 02 & 03)		600	< or equal to 5% Opacity			BACT 12/12/96	III.H.3.

Notes:

* 10% Opacity from 40 CFR 63.1348 is subsumed by BACT dated December 12, 1996.

Argos Cement, LLC
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table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this pe

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

(EP01)-Baghouse D33 (EP02) Baghouse D55 (EP03) Baghouse D37
(EP04)-Baghouse D49 (EP05) Baghouse 2D437 (EP06) Baghouse 2D49
(EP07)- Baghouse 2E28 (EP08) Baghouse C21 (EP09) 2G07 (EP09) Baghouse 2H08

			Allowable Emissions			
Pollutant Name	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Visible Emissions	8760	< or equal to 5% Opacity			Rule 62-297.310(7)(a)4.a	III.L.3.
PM	8760	0.01 gr/dscf	3.92	17.2		III.L.2.
PM10	8760	0.007 gr/dscf	2.75	12.09		III.L.2.

Notes:

* 10% Opacity from 40 CFR 63.1343(b)(1) is subsumed by BACT

Argos Cement, LLC
Argos Newberry Cement Plant

E.U. ID No.	Brief Description
EU010	In Line Kiln/ Raw Mill- Line 2 (designated by the applicant as Emission point 2E21)

			Allowable Emissions			
Pollutant	Fuel(s)	Hr/Yr	Standard(s)	lbs./hour	Regulatory Citation(s)	See permit condition(s)
PM	Coal, Propane, Fly Ash, Pet Coke, Natural Gas, Whole Tires, distillate Oil	8760	0.136 lb/T dry preheater feed; 0.23 lb/T of clinker	28.8	BACT	III.M.2.
PM10	"	8760	0.118 lb/T dry preheater feed; 0.2 lb/Ton clinker	25.0	BACT	III.M.2.
SO2	"	8760	0.28 lb/ton clinker	35.0	BACT	III.M.2.
Nox	"	8760	1.95 lb/ton clinker	243.75	BACT	III.M.2.
CO	"	8760	3.6 lb/ton clinker	450.0	BACT	III.M.2.
VOC	"	8760	0.12 lb/Ton clinker	15.0	BACT	III.M.2.
Visible Emissions	"	8760	< or equal to 5% Opacity		BACT 12/12/96	III.M.2.
Mercury (Hg)	"	8760	122 lb/year		BACT 12/12/96	III.M.2.

1 Measured as propane. **2** Any source subject to the 24 ppmvd THC limit may elect to meet an alternative limit of 9 ppmvd for total organic HAP. If the source demonstrates compliance with the total organic HAP under the requirements of §63.1349 then the source's THC limit will be adjusted to equal the average THC emissions measured during the organic HAP compliance test. **3** If the

Argos Cement, LLC
Argos Newberry Cement Plant

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

2L03 Cooler Discharge; 2L12 Clinker into Silo #3; 2L13 Clinker Transport (2L20, 2L08); 2L15 Clinker (2L20, silo L07-02, 2L09); 2L16 Clinker Transport (2L01, 2L20); 2L18 Clinker to Silo #4

Allowable Emissions					
Pollutant Name	Hours/Year	Standard(s)	lbs./hour	Regulatory Citation(s)	See permit condition(s)
PM 1, 3 Clinker Cooler	8760	0.10 lb/ton of dry preheater feed		001087-031-AC	III.N.2.a
PM Clinker Cooler	8760	On & after 9/9/15- 0.07 lb/ton of dry preheater feed (normal operation);		40 CFR 63.1343(b)(1), Table 1	III.N.2.b.
PM-ESP 1, 3	8760	0.06 lb/ton of dry preheater feed; 0.1 lb/ton of clinker	12.5	BACT	III.N.3.
PM-Baghouse 1, 3	8760	0.01 gr/dscf	1.64	BACT	III.N.3.
Total PM 1	8760		14.14	BACT	III.N.3.
PM10-ESP 1	8760	0.05 lb/ton of dry preheater feed; 0.08 lb/ton of clinker	10	BACT	III.N.3.
PM10-Baghouse 1	8760	.007 gr/dscf	1.15	BACT	III.N.3.
Total PM10-ESP 1	8760		11.15	BACT	III.N.3.
Visible Emissions 2	8760	< or equal to 10% Opacity		BACT	III.N.3.

Notes:

[1] The avg times for PM and PM_{10} correspond to the required length of sampling for the subsequent emission tests.

2 6 min Blk avg computed from a min of one meas. every 15 seconds. 6min block avg shall start at the beg. of each hour

3 The complaince date for existing sources of PM emissions that became effective on November 8, 2010 will be 9/9/13. After this date, the previous PM (only) limits of S.C. No.s N.2.a and N.3., no longer apply. PM10 no longer applicable

Argos Cement, LLC
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E.U. ID No.	Brief Description
EU012	Finish Grinding Operations- Line 2

EP Baghouse 2M07; EP Baghouse 2N09; EP Baghouse 2N12; EP Baghouse 2N91; EP Baghouse 2N36; EP Baghouse 2Q25; EP Baghouse 2Q26

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
PM		8760	0.01 grains /dscf	14.51	63.6	40 CFR 60.62(c)	III.O.2.
PM10		8760	0.007grains/ dscf	10.16	44.49	0010087-031-AC	III.O.3.
Visible Emissions		8760	5% opacity			BACT	III.O.4.

Notes:

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E.U. ID No.	Brief Description
EU013	Cement Load-Out Silos 6 & 7 (EP Identified as 2Q14)

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
PM		8760	0.01 grains /dscf	0.22	1	BACT	III.P.2.
PM10		8760	0.007grains/ dscf	0.15	0.67	BACT	III.P.3.
Visible Emissions		8760	< or equal to 5% Opacity			BACT	III.P.4.

Notes:

* 10% Opacity from 40 CFR 63.1345 is subsumed

f this permit.

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E.U. ID No.	**Brief Description**
EU014	Coal Handling and Grinding Operations- Mill 2 EP 2S17 EP02 2S21

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
PM		8760	0.01 grains /dscf	1.8	7.9	0010087-031-AC	III.Q.5.
PM10		8760	0.007grains/ dscf	1.27	5.55	0010087-031-AC	III.Q.6.
Visible Emissions		8760	< or equal to 5% Opacity			BACT	III.Q.7.

Notes:

* 20% Opacity from 40 CFR 60.254 is subsumed by BACT

; permit.