



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 07

Plant Name: ACX1.01.601 Central Supply F-8 @ Buckhannon

Last Inspection: 09/12/2018

Sticker Expires: 3/12/2019

Standard Deviation: 632.51

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last Two Years of Data Slump Less than 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.63	43	3000	1.5	3	514.63	4928.84	> 4543.89	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Less than 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.63	16	3000	1.543	3.233	471.37	6043.75	> 4523.94	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.87	32	3000	1.5	3	816.14	4224.21	< 4634.69	< 5448.42
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.63	12	3000	1.576	3.429	543.89	4967.5	> 4865	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Less than 2 inches

1434211	601.002.001 Concrete, Class A		3.47	3.47	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1434211	601.002.001 Concrete, Class A		3.47	3.47	11	3500	1.588	3.51	1102.13	5250.18	< 6021.45	< 7368.48
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Less than 2 inches

1434213	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1434213	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434217	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1434225	601.002.004 Concrete, Class B Modified		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434229	601.002.016 Concrete, Class K Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434233	601.002.011 Concrete, Class D		2.04	2.04	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434237	601.002.009 Concrete, Class C	04/09/2017	2.5	2.5	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1436388	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1436444	601.002.013 Concrete, Class H		3.45	3.45	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1455043	601.002.022 Concrete, Class DC	11/23/2018	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459838	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459842	601.002.022 Concrete, Class DC		3.59	3.59	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461801	679.002.002 Concrete, Microsilica		3.82	3.82	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 09

Plant Name: BMC1.01.601 Central Supply F-9 @ Summersville, WV

Last Inspection: 11/26/2018

Sticker Expires: 5/26/2019

Standard Deviation: 394.16

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Three Months of Data Slump Greater than or equal to 2 inches

1432590	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434222	601.002.003 Concrete, Class B	04/01/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436394	601.002.022 Concrete, Class DC	05/08/2017	3.59	3.59	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436429	501.002.001 Concrete, Pavement	07/02/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436461	601.002.023 Concrete, Class H-IC	02/11/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436465	601.002.013 Concrete, Class H	03/20/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459809	601.002.001 Concrete, Class A		3.60	3.60	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461848	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 10 Plant Name: BMC1.02.601 Central Supply F-10 @ Wolfpen, WV
 Last Inspection: 11/14/2018 Sticker Expires: 5/14/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1432577	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Three Months of Data Slump Less than 2 inches

1434170	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Three Months of Data Slump Greater than or equal to 2 inches

1434170	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436468	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1436469	601.002.013 Concrete, Class H		3.45	3.45	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1455007	601.002.022 Concrete, Class DC		3.61	3.61	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 10

Plant Name: BMC1.03.601 Central Supply F-11 @ Princeton, WV

Last Inspection: 11/15/2018

Sticker Expires: 5/15/2019

Standard Deviation: 633.44

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432575	601.002.003		2.87	2.63	11	3000	1.588	3.51	352.15	5170.91	> 4236.05	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1432575	601.002.003		2.87	2.63	44	3000	1.5	3	583.61	5190	> 4750.83	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Less than 2 inches												
1432575	601.002.003		2.87	2.87	4							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1432575	601.002.003		2.87	2.63	24	3000	1.513	3.067	734.31	5740.42	> 5252.13	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434168	601.002.015		3.35	3.35	2							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434168	601.002.015		3.35	3.35	2							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Less than 2 inches												
1434181	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434181	601.002.003 Concrete, Class B		2.87	2.87	21	3000	1.521	3.112	612.69	3931.9	< 4824.52	< 4906.69
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434181	601.002.003 Concrete, Class B		2.87	2.87	71	3000	1.5	3	630.86	3946.29	< 4275.01	< 4892.58
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434181	601.002.003 Concrete, Class B		2.87	2.87	16	3000	1.543	3.233	758.57	4170.47	< 4316.25	< 5452.46
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436467	601.002.013 Concrete, Class H		3.45	3.45	6							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455001	601.002.013 Concrete, Class H	05/13/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)	
1455005	601.002.022 Concrete, Class DC		3.61	3.61	19	4500	1.528	3.151	983.1	6002.18	< 6856.32	< 7597.75	
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26								
Last One Year of Data Slump Greater than or equal to 2 inches													
1455005	601.002.022 Concrete, Class DC		3.61	3.61	2								
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA								

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 10 Plant Name: BMC1.04.601 Central Supply F-12 @ Bluefield, WV
 Last Inspection: 11/15/2018 Sticker Expires: 5/15/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432576	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434169	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Less than 2 inches												
1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436487	601.002.013 Concrete, Class H	05/13/2018	3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455006	601.002.022 Concrete, Class DC		3.61	3.61	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 09 Plant Name: BMC1.05.601 Central Supply F-13 @ Alta, WV

Last Inspection: 11/26/2018 Sticker Expires: 5/26/2019 Standard Deviation: 919.84 Rating: A-1

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1421086	601.002.003 Concrete, Class B	04/19/2017	2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432591	601.002.003 Concrete, Class B		2.87	2.87	10	3000	1.604	3.615	1026.73	4646.87 <	5168.7 <	6711.63
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434176	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434176	601.002.015 Concrete, Class K		3.35	3.35	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1434176	601.002.015 Concrete, Class K		3.35	3.35	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1434221	601.002.003 Concrete, Class B		2.87	2.87	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

Last One Year of Data Slump Greater than or equal to 2 inches

1434221	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436395	601.002.022 Concrete, Class DC	05/08/2017	3.59	3.59	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436430	501.002.001 Concrete, Pavement	07/02/2017	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436459	601.002.023 Concrete, Class H-IC	02/19/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436466 601.002.013 **03/20/2018** 3.45 3.45
 Concrete, Class H

5
 MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1459801 679.002.002 3.82 3.82
 Concrete, Microsilica

7
 MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459810 601.002.002 3.60 3.60
 Concrete, Class A Modified

0
 MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1461849 601.002.022 3.59 3.59
 Concrete, Class DC

0
 MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 10 Plant Name: BMC1.06.601 Central Supply F-14 @ Beckley, WV
 Last Inspection: 11/10/2018 Sticker Expires: 5/10/2019 Standard Deviation: 694.89 Rating: A-2

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1424532	679.002.002 Concrete, Microsilica	02/25/2018	3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432573	601.002.003 Concrete, Class B		2.87	2.87	13	3000	1.565	3.365	753.54	4179.29 <	4800.77 <	5535.66
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1432573	601.002.003 Concrete, Class B		2.87	2.87	53	3000	1.5	3	932.26	4398.39 <	4854.72 <	5796.78
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1432573	601.002.003 Concrete, Class B		2.87	2.87	17	3000	1.538	3.202	925.18	4422.93 <	4801.76 <	5962.43
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1432573	601.002.003 Concrete, Class B		2.87	2.87	155	3000	1.5	3	594.81	3892.22 <	4394.58 <	4784.43
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1432573	601.002.003 Concrete, Class B		2.87	2.87	12	3000	1.576	3.429	622.64	3981.28 <	4463.33 <	5135.03
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432589	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434174	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434223	601.002.003 Concrete, Class B	04/02/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1436393	601.002.022 Concrete, Class DC	05/08/2017	3.59	3.59	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436428 501.002.001 **07/02/2017** 3.35 3.35
 Concrete, Pavement

3

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436460 601.002.023 **02/14/2018** 3.45 3.45
 Concrete, Class H-IC

0

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436464 601.002.013 **03/19/2018** 3.45 3.45
 Concrete, Class H

3

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436486 601.002.013 **05/13/2018** 3.45 3.45
 Concrete, Class H

0

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459808	601.002.001 Concrete, Class A		3.60	3.60	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459829	501.002.003 Concrete, Roller Compacted		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459835	601.002.004 Concrete, Class B Modified		3.24	3.24	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461847	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	(F_c+K_1s)	Average Strength(X)	(F_c+K_2s)
1463298	601.002.003 Concrete, Class B		2.87	2.87	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 03 Plant Name: CCC1.01.601 Cardinal Concrete F-1 @ Ravenswood, WV
 Last Inspection: 10/26/2018 Sticker Expires: 4/26/2019 Standard Deviation: 530.07 Rating: A-1

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1398978	601.002.013 Concrete, Class H	12/29/2018	3.23	3.23	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436396	601.002.003 Concrete, Class B		2.87	2.87	18	3000	1.533	3.175	456.58	3699.94 <	4413.39 <	4449.64
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last One Year of Data Slump Greater than or equal to 2 inches

1436396	601.002.003 Concrete, Class B		2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Less than 2 inches

1436397	601.002.015 Concrete, Class K	05/09/2017	3.35	3.35	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455072	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461784	679.002.002 Concrete, Microsilica		3.85	3.85	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461812	601.002.003 Concrete, Class B		2.87	2.63	15	3000	1.549	3.27	458.05	5399.33	> 4497.82	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1461812	601.002.003 Concrete, Class B		2.87	2.87	15	3000	1.549	3.27	773.09	4197.52	< 4919.33	< 5528
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461816	601.002.015 Concrete, Class K		3.36	3.36	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461820	601.002.022 Concrete, Class DC		3.74	3.74	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461854	601.002.013 Concrete, Class H		3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 03 Plant Name: CCC1.02.601 Cardinal Concrete F-2 @ Parkersburg, WV
 Last Inspection: 09/24/2018 Sticker Expires: 3/24/2019 Standard Deviation: 764.65 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1432578	601.002.003 Concrete, Class B		2.92	2.92	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432578	601.002.003 Concrete, Class B		2.92	2.92	48	3000	1.5	3	849.85	4274.77	< 5220.83	< 5549.55
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1432578	601.002.003 Concrete, Class B		2.92	2.92	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1432578	601.002.003 Concrete, Class B		2.92	2.92	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432579	601.002.003 Concrete, Class B		2.89	2.89	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1432579	601.002.003 Concrete, Class B		2.89	2.89	6							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455049	601.002.015 Concrete, Class K		3.59	3.59	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

Last One Year of Data Slump Greater than or equal to 2 inches

1455049	601.002.015 Concrete, Class K		3.59	3.59	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459845	601.002.013 Concrete, Class H	12/29/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1461785	679.002.002 Concrete, Microsilica		3.83	3.83	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1461813	601.002.003 Concrete, Class B		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461817	601.002.015 Concrete, Class K		3.36	3.36	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461821	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 04

Plant Name: CCC1.03.601 Cardinal Concrete F-3 @ Bridgeport, WV

Last Inspection: 09/10/2018

Sticker Expires: 3/10/2019

Standard Deviation: 652.34

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434187	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434187	601.002.003 Concrete, Class B		2.87	2.87	47	3000	1.5	3	630.77	3946.16 <	4860.43 <	4892.31
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434187	601.002.003 Concrete, Class B		2.87	2.87	42	3000	1.5	3	608.34	3912.51 <	4640.86 <	4825.02
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434187	601.002.003 Concrete, Class B		2.87	2.87	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434188	601.002.015 Concrete, Class K		3.35	3.35	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Less than 2 inches												
1434188	601.002.015 Concrete, Class K		3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434188	601.002.015 Concrete, Class K		3.35	3.35	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436458	601.002.004 Concrete, Class B Modified	01/28/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455051	601.002.013 Concrete, Class H		3.45	3.45	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1455051	601.002.013 Concrete, Class H		3.45	3.45	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455080	601.002.022 Concrete, Class DC		3.74	3.74	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1455080	601.002.022 Concrete, Class DC		3.74	3.74	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461786	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461822	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461855	601.002.022 Concrete, Class DC		3.74	3.74	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 04

Plant Name: CSC1.01.601 Central Supply F-1 @ Saltwell, WV

Last Inspection: 09/07/2018

Sticker Expires: 3/7/2019

Standard Deviation: 694.56

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1396849	601.002.015 Concrete, Class K	06/04/2017	3.35	3.35	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432544	601.002.013 Concrete, Class H		3.45	3.45	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1432544	601.002.013 Concrete, Class H		3.45	3.45	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1432553	679.002.002 Concrete, Microsilica		3.82	3.82	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434196	601.002.003 Concrete, Class B		2.87	2.87	4							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434198	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	88	3000	1.5	3	691.04	4036.56	< 5049.65	< 5073.12
						MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26						
Last One Year of Data Slump Less than 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	9							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	63	3000	1.5	3	563	3844.5	< 4633.87	< 4689
						MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26						
Last Three Months of Data Slump Less than 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436402	601.002.015 Concrete, Class K	05/14/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436403	601.002.015 Concrete, Class K		3.35	3.35	22	4000	1.518	3.096	658.09	4998.98 <	5460.14 <	6037.45
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1436403	601.002.015 Concrete, Class K		3.35	3.35	33	4000	1.5	3	696.22	5044.33 <	5883.94 <	6088.66
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436405	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436411	601.002.011 Concrete, Class D	05/16/2017	2.17	2.17	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436412	601.002.009 Concrete, Class C	05/16/2017	2.2	2.2	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436413	601.002.001 Concrete, Class A	05/16/2017	3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1436419	601.002.001 Concrete, Class A		3.47	3.47	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436462	601.002.023 Concrete, Class H-IC	03/25/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455036	601.002.022 Concrete, Class DC		3.58	3.58	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1458960	601.002.016 Concrete, Class K Modified		3.47	3.47	11	4000	1.588	3.51	788.05	5251.42	< 6405.73	< 6766.06
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last One Year of Data Slump Greater than or equal to 2 inches

1458960	601.002.016 Concrete, Class K Modified		3.47	3.47	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1463247	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1463248	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463249	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463250	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463251	601.002.013 Concrete, Class H		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 04

Plant Name: CSC1.02.601 Central Supply F-2 @ Westover, WV

Last Inspection: 09/07/2018

Sticker Expires: 3/7/2019

Standard Deviation: 747.74

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432523	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432547	601.002.013 Concrete, Class H		3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432552	679.002.002 Concrete, Microsilica		3.82	3.82	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434192	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.87	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.87	31	3000	1.5	3	803.2	4204.8	< 4915.55	< 5409.6
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Less than 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.63	13	3000	1.565	3.365	650.78	5799.69	> 5189.87	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.87	44	3000	1.5	3	768.36	4152.54	< 5097.95	< 5305.08
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Less than 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.87	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434193	601.002.003 Concrete, Class B		2.87	2.87	11	3000	1.588	3.51	830.13	4318.25	< 4817.27	< 5913.76
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434195	601.002.001 Concrete, Class A		3.47	3.47	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436404	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436406	601.002.015 Concrete, Class K		3.35	3.35	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1436406	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436463	601.002.023 Concrete, Class H-IC	03/26/2018	3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455037	601.002.022 Concrete, Class DC		3.58	3.58	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1458961	601.002.016 Concrete, Class K Modified		3.47	3.47	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459833	501.002.003 Concrete, Roller Compacted		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1463260	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1463267	601.002.003 Concrete, Class B		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463286	601.002.013 Concrete, Class H		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463287	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463288	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 08

Plant Name: CSC1.03.601 Central Supply F-3 @ Elkins, WV

Last Inspection: 09/24/2018

Sticker Expires: 3/24/2019

Standard Deviation: 683.37

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434201	601.002.003		2.87	2.87	35	3000	1.5	3	639.71	3959.56	< 4809.43	< 4919.13
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434201	601.002.003		2.87	2.87	35	3000	1.5	3	639.71	3959.56	< 4809.43	< 4919.13
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434201	601.002.003		2.87	2.87	88	3000	1.5	3	721.7	4082.55	< 4716.02	< 5165.1
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434201	601.002.003		2.87	2.87	10	3000	1.604	3.615	781.76	4253.94	< 5198	< 5826.06
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434212	601.002.001		3.47	3.47	1							
	Concrete, Class A				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1434212	601.002.001		3.47	3.47	2							
	Concrete, Class A				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434214	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434218	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434226	601.002.004 Concrete, Class B Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434230	601.002.016 Concrete, Class K Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434234	601.002.011 Concrete, Class D		2.04	2.04	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434238	601.002.009 Concrete, Class C	04/09/2017	2.5	2.5	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436389	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Less than 2 inches												
1436389	601.002.015 Concrete, Class K		3.35	3.35	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1436389	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436389	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436443	601.002.013 Concrete, Class H		3.45	3.45	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1436443	601.002.013 Concrete, Class H		3.45	3.45	11	4000	1.588	3.51	1003.45	5593.48	< 7269.09	< 7522.11
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1455042	601.002.022 Concrete, Class DC	11/24/2018	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1459834	601.002.004 Concrete, Class B Modified		3.37	3.13	35	4000	1.5	3	637.41	6190	> 5912.23	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

Last Three Months of Data Slump Greater than or equal to 2 inches

1459834	601.002.004 Concrete, Class B Modified		3.37	3.37	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459837	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459841	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459844	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1461800	679.002.002 Concrete, Microsilica		3.82	3.82	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461800	679.002.002 Concrete, Microsilica		3.82	3.82	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461824	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461826	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461828	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461830	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461832	601.002.022 Concrete, Class DC		3.59	3.59	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461845	601.002.001 Concrete, Class A		3.47	3.47	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 07

Plant Name: CSC1.04.601 Central Supply F-4 @ Gassaway, WV

Last Inspection: 09/18/2018

Sticker Expires: 3/18/2019

Standard Deviation: 578.39

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434202	601.002.003 Concrete, Class B		2.87	2.63	22	3000	1.518	3.096	550.79	5192.27	> 4705.25	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1434202	601.002.003 Concrete, Class B		2.87	2.87	28	3000	1.505	3.024	655.62	3986.71	< 4973.93	< 4982.59
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434215	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434219	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434228	601.002.004 Concrete, Class B Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434232	601.002.016 Concrete, Class K Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434235	601.002.011 Concrete, Class D		2.04	2.04	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434239	601.002.009 Concrete, Class C	04/09/2017	2.5	2.5	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436390	601.002.015 Concrete, Class K		3.35	3.35	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436414	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436446	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455045	601.002.022 Concrete, Class DC	11/23/2018	3.59	3.59	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458980	679.002.002 Concrete, Microsilica		3.82	3.58	20	4000	1.525	3.13	666.11	8353.5	> 6084.92	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
Last One Year of Data Slump Greater than or equal to 2 inches												
1458980	679.002.002 Concrete, Microsilica		3.82	3.82	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459840	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 07

Plant Name: CSC1.05.601 Central Supply F-5 @ Glenville, WV

Last Inspection: 09/18/2018

Sticker Expires: 3/18/2019

Standard Deviation: 484.23

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1434203	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1434203	601.002.003 Concrete, Class B		2.87	2.87	15	3000	1.549	3.27	577.9	3895.17	< 4311.33	< 4889.73
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last Three Months of Data Slump Greater than or equal to 2 inches

1434203	601.002.003 Concrete, Class B		2.87	2.87	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1434216	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1434220	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434227	601.002.004 Concrete, Class B Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434231	601.002.016 Concrete, Class K Modified		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434236	601.002.011 Concrete, Class D		2.04	2.04	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434240	601.002.009 Concrete, Class C	04/09/2017	2.5	2.5	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436391	601.002.015 Concrete, Class K		3.35	3.35	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Three Months of Data Slump Less than 2 inches

1436391	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436415	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Three Months of Data Slump Greater than or equal to 2 inches

1436445	601.002.013 Concrete, Class H		3.45	3.45	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1455044	601.002.022 Concrete, Class DC	11/23/2018	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1458979	679.002.002 Concrete, Microsilica		3.82	3.82	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459839	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459843	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 03

Plant Name: CSC1.15.601 Central Supply F-15 @ Pennsboro, WV

Last Inspection: 03/12/2018

Sticker Expires: 9/12/2018

Standard Deviation: 654.91

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458974	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458975	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1458976	601.002.003 Concrete, Class B		2.86	2.86	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458977	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458978	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1459812	679.002.002 Concrete, Microsilica		3.82	3.82	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463246	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1464653	601.002.022 Concrete, Class DC	11/24/2018	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 08

Plant Name: CSC1.16.601 Central Supply F-16 @ Parsons, WV

Last Inspection: 06/25/2018

Sticker Expires: 12/25/2018

Standard Deviation: 498.69

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461825	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461827	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461829	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461831	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461833	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461835	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461836	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461837	601.002.004 Concrete, Class B Modified		3.37	3.37	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461837	601.002.004 Concrete, Class B Modified		3.37	3.37	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461838	601.002.022 Concrete, Class DC	11/24/2018	3.59	3.59	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461846	601.002.001 Concrete, Class A		3.47	3.47	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01 Plant Name: CSC2.01.601 Claxton Smith Concrete F-1 @ Poca, WV
 Last Inspection: 09/12/2018 Sticker Expires: 3/12/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436416	601.002.003 Concrete, Class B	06/17/2017	2.98	2.98	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436435	601.002.015 Concrete, Class K	07/16/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436438	601.002.022 Concrete, Class DC	07/16/2017	3.61	3.61	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436449	601.002.013 Concrete, Class H	07/16/2017	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436474	501.002.001 Concrete, Pavement	04/21/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436477	501.002.001 Concrete, Pavement	04/20/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455053	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461804	601.002.003 Concrete, Class B		2.96	2.96	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461805	601.002.003 Concrete, Class B		2.95	2.95	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: CSC2.02.601 Claxton Smith Concrete F-2 @ Culloden, WV

Last Inspection: 04/19/2017

Sticker Expires: 10/19/2017

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436417	601.002.003 Concrete, Class B	06/17/2017	2.98	2.98	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436436	601.002.015 Concrete, Class K	07/16/2017	3.35	3.35	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436439	601.002.022 Concrete, Class DC	07/16/2017	3.61	3.61	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436450	601.002.013 Concrete, Class H	07/18/2017	3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436472	501.002.001 Concrete, Pavement	04/21/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436475	501.002.002 Concrete, Pavement HES	04/20/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455054	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: CSC2.03.601 Claxton Smith Concrete F-3 @ Charleston, WV

Last Inspection: 09/11/2018

Sticker Expires: 3/11/2019

Standard Deviation: 487.64

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436418	601.002.003 Concrete, Class B	06/17/2017	2.98	2.74	11	3000	1.588	3.51	165.34	3778.18	> 3580.34	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436437	601.002.015 Concrete, Class K	07/16/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436440	601.002.022 Concrete, Class DC	07/16/2017	3.34	3.34	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436451	601.002.013 Concrete, Class H	07/18/2017	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436473	501.002.001 Concrete, Pavement	04/21/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436476	501.002.002 Concrete, Pavement HES	04/20/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455055	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1461803	601.002.003 Concrete, Class B		2.96	2.96	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1461803	601.002.003 Concrete, Class B		2.96	2.96	24	3000	1.513	3.067	612.31	3926.43 <	4362.5 <	4877.95
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461803	601.002.003 Concrete, Class B		2.96	2.96	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

District: 06 **Plant Name:** DCC1.01.601 D.W. Dickey Concrete @ Steubenville, OH
Last Inspection: 08/09/2018 **Sticker Expires:** 2/9/2019 **Standard Deviation:** 650.00 **Rating:** B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1399046	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1399046	601.002.003 Concrete, Class B		2.87	2.87	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 05

Plant Name: DCX1.01.601 Dan Lee Co. F-1 @ Inwood, WV (Transit)

Last Inspection: 10/03/2018

Sticker Expires: 4/3/2019

Standard Deviation: 650.00

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458943	601.002.003		2.87	2.87	3							
	Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1458943	601.002.003		2.87	2.87	1							
	Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 10

Plant Name: DHC1.02.601 David Hill Conc. Inc F-2 @ Mabscott, WV

Last Inspection: 11/10/2018

Sticker Expires: 5/10/2019

Standard Deviation: 604.60

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1458992 601.002.003 2.87 2.63 11 3000 1.588 3.51 435.04 5307.27 > 4526.99 = 0.24

Concrete, Class B

DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26
--

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1458993 601.002.015 3.35 3.35 2

Concrete, Class K

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1459836 601.002.022 3.74 3.74 1

Concrete, Class DC

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

Last One Year of Data Slump Greater than or equal to 2 inches

1459836 601.002.022 3.74 3.74 5

Concrete, Class DC

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1461802	601.002.013 Concrete, Class H		3.45	3.45	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1463296	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1463299	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: ERM1.02.601 Hanson Ready Mix F-2 @ Gallipolis, OH

Last Inspection: 01/04/2019

Sticker Expires: 7/4/2019

Standard Deviation: 480.84

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459802	601.002.013 Concrete, Class H		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459811	601.002.003 Concrete, Class B		2.87	2.87	15	3000	1.549	3.27	617.35	3956.28	< 4438	< 5018.73
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1459811	601.002.003 Concrete, Class B		2.87	2.63	10	3000	1.604	3.615	302.91	4470	> 4095.02	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1459827	601.002.013 Concrete, Class H		3.45	3.45	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459831	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461797	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461842	601.002.015 Concrete, Class K		3.35	3.35	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 06

Plant Name: ERM1.03.601 Hanson Ready Mix F-3 @ New Martinsville, WV

Last Inspection: 11/15/2018

Sticker Expires: 5/15/2019

Standard Deviation: 656.96

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Less than 2 inches

1436441 601.002.015 **07/17/2017** 3.34 3.34
Concrete, Class K

4
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

Last Two Years of Data Slump Greater than or equal to 2 inches

1436441 601.002.015 **07/17/2017** 3.34 3.34
Concrete, Class K

2
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436447 601.002.003 **07/17/2017** 2.87 2.63
Concrete, Class B

15 3000 1.549 3.27 377.61 5162.67 > 4234.78 = 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455087 601.002.013 3.45 3.45
Concrete, Class H

7
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

Last One Year of Data Slump Greater than or equal to 2 inches

1455087 601.002.013 3.45 3.45
Concrete, Class H

2
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455089	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458939	679.002.002 Concrete, Microsilica		3.82	3.82	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Less than 2 inches												
1461780	601.002.015 Concrete, Class K		3.41	3.41	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461780	601.002.015 Concrete, Class K		3.41	3.41	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461798	601.002.003 Concrete, Class B		2.87	2.87	35	3000	1.5	3	654.59	3981.88 <	4239.43 <	4963.77
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1461798	601.002.003 Concrete, Class B		2.87	2.87	35	3000	1.5	3	654.59	3981.88 <	4239.43 <	4963.77
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Less than 2 inches												
1461798	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461798	601.002.003 Concrete, Class B		2.87	2.87	10	3000	1.604	3.615	626.79	4005.37 <	4257 <	5265.85
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461823	601.002.022 Concrete, Class DC		3.75	3.75	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1463259	601.002.013 Concrete, Class H		3.45	3.45	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1463259	601.002.013 Concrete, Class H		3.45	3.45	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 06 Plant Name: ERM1.04.601 Hanson Ready Mix F-4 @ McMechen WV
 Last Inspection: 11/15/2018 Sticker Expires: 5/15/2019 Standard Deviation: 688.03 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436442	601.002.015 Concrete, Class K	07/17/2017	3.34	3.34	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436448	601.002.003 Concrete, Class B	07/17/2017	2.87	2.87	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Less than 2 inches												
1436448	601.002.003 Concrete, Class B	07/17/2017	2.87	2.87	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1436448	601.002.003 Concrete, Class B	07/17/2017	2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461779	601.002.022 Concrete, Class DC		3.75	3.75	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461779	601.002.022 Concrete, Class DC		3.75	3.75	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1461781	601.002.015 Concrete, Class K		3.35	3.35	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Three Months of Data Slump Less than 2 inches

1461781	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Less than 2 inches

1461799	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1461799	601.002.003 Concrete, Class B		2.87	2.87	49	3000	1.5	3	620.22	3930.33	< 4597.76	< 4860.66
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last Three Months of Data Slump Greater than or equal to 2 inches

1461799	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1463258	601.002.013 Concrete, Class H		3.45	3.45	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: ERM1.05.601 Hanson Ready Mix F-5 @ Winfield, WV

Last Inspection: 09/05/2018

Sticker Expires: 3/5/2019

Standard Deviation: 618.07

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1424567	601.002.004 Concrete, Class B Modified		3.34	3.34	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Less than 2 inches

1424572	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Two Years of Data Slump Greater than or equal to 2 inches

1424572	601.002.003 Concrete, Class B		2.87	2.87	101	3000	1.5	3	624.29	3936.44	< 4577.72	< 4872.87
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last One Year of Data Slump Less than 2 inches

1424572	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last One Year of Data Slump Greater than or equal to 2 inches

1424572	601.002.003 Concrete, Class B		2.87	2.87	17	3000	1.538	3.202	599.5	3922.03	< 4542.94	< 4919.6
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1424599	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

-----<----- Evaluation of Cement Requirements ----->-----

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1436421	601.002.003 Concrete, Class B		2.87	2.87	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436421	601.002.003 Concrete, Class B		2.87	2.87	59	3000	1.5	3	742.24	4113.36	< 5046.1	< 5226.72
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Less than 2 inches												
1436421	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1436421	601.002.003 Concrete, Class B		2.87	2.87	30	3000	1.501	3.008	578.57	3868.43	< 4516.67	< 4740.34
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436421	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

-----<----- Evaluation of Cement Requirements ----->-----

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436424	601.002.015 Concrete, Class K	06/24/2017	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

-----<----- Evaluation of Cement Requirements ----->-----

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436426	601.002.022 Concrete, Class DC		3.73	3.73	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455029	601.002.014 Concrete, Class H Modified	09/03/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1458948	601.002.015 Concrete, Class K		3.83	3.83	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1458948	601.002.015 Concrete, Class K		3.83	3.83	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last One Year of Data Slump Greater than or equal to 2 inches												
1459006	601.002.015 Concrete, Class K		3.39	3.39	22	4000	1.518	3.096	540.85	4821.01	< 4929.09	< 5674.47
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459006	601.002.015 Concrete, Class K		3.39	3.39	10	4000	1.604	3.615	625.22	4511	< 5002.85	= 0
INCREASE CEMENT FACTOR BY 0 PER SECTION 3.3 OF MP 711.03.26												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last Two Years of Data Slump Greater than or equal to 2 inches												
1459828	601.002.013 Concrete, Class H		3.45	3.45	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1459828	601.002.013 Concrete, Class H		3.45	3.21	70	4000	1.5	3	644.94	7631.86	> 5934.82	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459828	601.002.013 Concrete, Class H		3.45	3.45	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1459832	601.002.013 Concrete, Class H		3.45	3.45	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461792	601.002.003 Concrete, Class B		2.87	2.87	45	3000	1.5	3	535.84	3803.76	< 4091.78	< 4607.52
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461792	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461794	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1461839	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1461839	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 03

Plant Name: ERM1.06.601 Hanson Ready Mix F-6 @ Parkersburg, WV

Last Inspection: 07/24/2018

Sticker Expires: 1/24/2019

Standard Deviation: 570.47

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436398	679.002.002 Concrete, Microsilica	05/15/2017	3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436399	601.002.003 Concrete, Class B		2.87	2.87	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Less than 2 inches												
1436399	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1436399	601.002.003 Concrete, Class B		2.87	2.87	110	3000	1.5	3	590.78	3886.17	< 4053.91	< 4772.34
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436399	601.002.003 Concrete, Class B		2.87	2.87	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436400	601.002.015 Concrete, Class K	05/14/2017	3.34	3.34	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455027	601.002.023 Concrete, Class H-IC	09/07/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455050	601.002.022 Concrete, Class DC		3.73	3.73	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455090	601.002.013 Concrete, Class H		3.45	3.21	10	4000	1.604	3.615	759.08	6857	> 6744.07	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461834	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
1463257	601.002.015 Concrete, Class K		3.35	3.35	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: ERM1.07.601 Hanson Ready Mix F-7 @ Charleston, WV

Last Inspection: 09/07/2018

Sticker Expires: 3/7/2019

Standard Deviation: 582.43

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Less than 2 inches

1424571	601.002.003 Concrete, Class B		2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Two Years of Data Slump Greater than or equal to 2 inches

1424571	601.002.003 Concrete, Class B		2.87	2.87	14	3000	1.557	3.313	650.91	4013.47	< 4695.71	< 5156.46
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

Last One Year of Data Slump Greater than or equal to 2 inches

1424571	601.002.003 Concrete, Class B		2.87	2.87	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1424600	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1432540	679.002.002 Concrete, Microsilica		3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436420	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436423	601.002.015 Concrete, Class K	06/19/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1436453	601.002.022 Concrete, Class DC		3.73	3.73	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1436478	601.002.016 Concrete, Class K Modified	04/20/2018	4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436479	601.002.015 Concrete, Class K	04/21/2018	4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436480	601.002.003 Concrete, Class B		4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436481	601.002.003 Concrete, Class B		4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455088	679.002.002 Concrete, Microsilica		3.82	3.58	12	4000	1.576	3.429	636.16	8313.33	> 6181.39	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458950	601.002.015 Concrete, Class K		3.83	3.83	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459008	601.002.015 Concrete, Class K		3.39	3.39	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459826	601.002.013 Concrete, Class H		3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459830	601.002.013 Concrete, Class H		3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461796	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461841	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: ERM1.08.601 Hanson Ready Mix F-8 @ Huntington, WV

Last Inspection: 05/08/2017

Sticker Expires: 11/8/2017

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458946	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458947	601.002.015 Concrete, Class K		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459005	601.002.015 Concrete, Class K		3.39	3.39	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: ERM1.09.601 Hanson Ready Mix F-9 @ Winfield, WV (Transit)

Last Inspection: 09/05/2018

Sticker Expires: 3/5/2019

Standard Deviation: 650.00

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1436422 601.002.003 **06/19/2017** 2.87 2.87
Concrete, Class B

1
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1436425 601.002.015 **06/24/2017** 3.34 3.34
Concrete, Class K

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1436427 601.002.022 **07/02/2017** 3.73 3.73
Concrete, Class DC

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1458949 601.002.015 3.83 3.83
Concrete, Class K

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Less than 2 inches												
1459007	601.002.015 Concrete, Class K		3.39	3.39	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461793	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461795	601.002.015 Concrete, Class K		3.35	3.35	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461840	601.002.015 Concrete, Class K		3.35	3.35	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 05

Plant Name: FCC1.01.601 Fairfax Concrete F-1 @ Scherr WV

Last Inspection: 09/19/2018

Sticker Expires: 3/19/2019

Standard Deviation: 775.43

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421095	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421097	601.002.004 Concrete, Class B Modified		3.33	3.33	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1421098	601.002.003 Concrete, Class B		2.86	2.86	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1421098	601.002.003 Concrete, Class B		2.86	2.86	9							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Less than 2 inches												
1421100	601.002.015 Concrete, Class K		3.33	3.33	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last Two Years of Data Slump Greater than or equal to 2 inches												
1421100	601.002.015 Concrete, Class K		3.33	3.33	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1421100	601.002.015 Concrete, Class K		3.33	3.33	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last Three Months of Data Slump Greater than or equal to 2 inches												
1421100	601.002.015 Concrete, Class K		3.33	3.33	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1421102	601.002.013 Concrete, Class H		3.44	3.44	4							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Greater than or equal to 2 inches												
1421102	601.002.013 Concrete, Class H		3.44	3.44	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1432581	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455035	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455046	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455076	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463272	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463275	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463278	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463281	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 08 Plant Name: FCC1.02.601 Fairfax Concrete F-2 @ Oakland, MD
 Last Inspection: 09/24/2018 Sticker Expires: 3/24/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1424543	601.002.015 Concrete, Class K		3.33	3.33	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1424584	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Three Months of Data Slump Greater than or equal to 2 inches

1432582	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455034	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455048	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455075	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463274	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463277	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463280	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463283	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 08

Plant Name: FCC1.04.601 Fairfax Concrete F-4 @ Thomas WV

Last Inspection: 09/24/2018

Sticker Expires: 3/24/2019

Standard Deviation: 650.00

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1421146 601.002.003
Concrete, Class B

06/04/2017 2.87 2.87

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1424542 601.002.015
Concrete, Class K

3.33 3.33

2
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1424583 601.002.013
Concrete, Class H

3.44 3.44

3
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1432580	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

Last One Year of Data Slump Greater than or equal to 2 inches

1432580	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455033	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455047	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455074	601.002.003 Concrete, Class B		2.86	2.86	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463273	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463276	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463279	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463282	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 05

Plant Name: FCC1.05.601

Allegheny Concrete F-5 W Short Gap WV (Transit

Last Inspection: 09/04/2018

Sticker Expires: 3/4/2019

Standard Deviation: 650.00

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436470	601.002.023 Concrete, Class H-IC	04/02/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455028	601.002.023 Concrete, Class H-IC	09/07/2018	3.46	3.46	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461806	601.002.004 Concrete, Class B Modified		3.34	3.34	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Less than 2 inches												
1461807	601.002.003 Concrete, Class B		2.87	2.87	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461808	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463284	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 09 Plant Name: GRM1.01.601 Greenbrier Ready Mix, Caldwell WV
 Last Inspection: 11/28/2018 Sticker Expires: 5/28/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459803	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1459814	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1459816	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463268	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463270	601.002.013 Concrete, Class H		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

District: 10 **Plant Name:** JRM1.01.601 Jowar Ready Mix @ laeger, WV
Last Inspection: 09/01/2018 **Sticker Expires:** 3/1/2019 **Standard Deviation:** 650.00 **Rating:** A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455052	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463261	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463262	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: LCC1.01.601 Logan Concrete F-1 @ Logan, WV

Last Inspection: 03/28/2018

Sticker Expires: 9/28/2018

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1398983	601.002.003 Concrete, Class B	05/19/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1398987	601.002.015 Concrete, Class K	05/19/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1398988	601.002.013 Concrete, Class H	05/19/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455065	601.002.003 Concrete, Class B		2.89	2.89	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Less than 2 inches

1455066	601.002.015 Concrete, Class K		3.35	3.35	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

Last Two Years of Data Slump Greater than or equal to 2 inches

1455066	601.002.015 Concrete, Class K		3.35	3.35	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455067	601.002.022 Concrete, Class DC		3.74	3.74	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455068	601.002.013 Concrete, Class H		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1461782	679.002.002 Concrete, Microsilica		3.83	3.83	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461810	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461814	601.002.015 Concrete, Class K		3.36	3.36	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461818	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461850	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
1461852	601.002.013 Concrete, Class H		3.45	3.45	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: MRM2.01.601 Logan Concrete, Inc. - Madison Plant @ Madiso

Last Inspection: 08/14/2018

Sticker Expires: 2/14/2019

Standard Deviation: 601.36

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436409	601.002.003 Concrete, Class B		2.87	2.87	16	3000	1.543	3.233	724.57	4118.01	< 4419.38	< 5342.53
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436410	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436482	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436483	601.002.004 Concrete, Class B Modified	05/06/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455030	601.002.013 Concrete, Class H		3.45	3.45	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1461783	679.002.002 Concrete, Microsilica		3.83	3.83	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Greater than or equal to 2 inches

1461811	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last One Year of Data Slump Less than 2 inches

1461815	601.002.015 Concrete, Class K		3.36	3.36	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

Last One Year of Data Slump Greater than or equal to 2 inches

1461815	601.002.015 Concrete, Class K		3.36	3.36	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461819	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461851	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1461853	601.002.013 Concrete, Class H		3.45	3.45	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: MRM3.01.601 Mozack Ready Mix, Winfield WV

Last Inspection: 09/27/2018

Sticker Expires: 3/27/2019

Standard Deviation: 607.76

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458937	601.002.003		2.87	2.63	14	3000	1.557	3.313	444.67	4484.29	> 4473.19	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458937	601.002.003		2.87	2.63	14	3000	1.557	3.313	444.67	4484.29	> 4473.19	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Less than 2 inches												
1458937	601.002.003		2.87	2.87	1							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458937	601.002.003		2.87	2.87	34	3000	1.5	3	525.07	3787.6	< 4296.18	< 4575.21
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1458937	601.002.003		2.87	2.87	10	3000	1.604	3.615	332.87	3533.92	< 4165	< 4203.33
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1458938	601.002.015		3.35	3.35	7							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458938	601.002.015		3.35	3.35	10	4000	1.604	3.615	650.75	5043.8	< 5051	< 6352.46
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Less than 2 inches

1458994	601.002.003 Concrete, Class B		4.07	4.07	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

Last Two Years of Data Slump Greater than or equal to 2 inches

1458994	601.002.003 Concrete, Class B		4.07	4.07	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1459003	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1459004	601.002.013 Concrete, Class H		3.45	3.21	20	4000	1.525	3.13	771.23	7051.5	> 6413.95	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1459824	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459825	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463252	601.002.015 Concrete, Class K		3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463253	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463254	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463255	601.002.003 Concrete, Class B		2.89	2.89	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463256	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: RRM1.01.601 Rumble Ready Mix F-1 @ Winfield, WV

Last Inspection: 09/24/2018

Sticker Expires: 3/24/2019

Standard Deviation: 685.98

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1455041 601.002.016 3.35 3.11 12 3000 1.576 3.429 117.33 8587.5 > 3402.32 = 0.24

Concrete, Class K Modified

DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455099 501.002.002 3.35 3.35 6

Concrete, Pavement HES

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

Last One Year of Data Slump Greater than or equal to 2 inches

1455099 501.002.002 3.35 3.11 12 3000 1.576 3.429 117.33 8587.5 > 3402.32 = 0.24

Concrete, Pavement HES

DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1458929 601.002.003 2.87 2.87 32 3000 1.5 3 797.99 4196.98 < 4717.5 < 5393.97

Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

Last One Year of Data Slump Greater than or equal to 2 inches

1458929 601.002.003 2.87 2.87 9

Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

Last Three Months of Data Slump Greater than or equal to 2 inches

1458929 601.002.003 2.87 2.87 1

Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458931	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458933	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458935	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1458962	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458962	601.002.003 Concrete, Class B		2.87	2.87	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Less than 2 inches												
1458962	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458962	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458964	601.002.022 Concrete, Class DC		3.59	3.59	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458966	601.002.024 Concrete, Class B w/ Fly Ash		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458968	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458982	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458984	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458988	501.002.002 Concrete, Pavement HES		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458990	601.002.022 Concrete, Class DC		3.59	3.59	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: RRM1.02.601 Rumble Ready Mix F-2 @ Belle, WV

Last Inspection: 10/05/2018

Sticker Expires: 4/5/2019

Standard Deviation: 1,068.96

Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1455100	501.002.002 Concrete, Pavement HES		3.35	3.35	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

Last Two Years of Data Slump Greater than or equal to 2 inches

1458930	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1458932	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	----------	---------------------	----------

1458934	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458936	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458963	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458965	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458967	601.002.024 Concrete, Class B w/ Fly Ash		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458969	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458983	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458985	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458989	501.002.002 Concrete, Pavement HES		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458991	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

District: 03 **Plant Name:** SCC1.01.601 Smith Concrete F-1 @ Porterfield, OH
Last Inspection: 03/13/2018 **Sticker Expires:** 9/13/2018 **Standard Deviation:** 430.38 **Rating:** B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455069	601.002.003 Concrete, Class B		2.89	2.65	43	3000	1.5	3	412.66	4548.84	> 4237.98	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
Last One Year of Data Slump Less than 2 inches												
1455069	601.002.003 Concrete, Class B		2.89	2.89	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
1455069	601.002.003 Concrete, Class B		2.89	2.89	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463289	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 03

Plant Name: SCC1.02.601 Smith Concrete F-2 @ Reno, OH

Last Inspection: 02/20/2018

Sticker Expires: 8/20/2018

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
143224	601.002.003 Concrete, Class B	04/04/2017	0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1434224	601.002.003 Concrete, Class B	04/04/2017	2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455070	601.002.003 Concrete, Class B		2.91	2.91	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463290	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 09 Plant Name: SSC1.01.601 Superior Supply @ Caldwell, WV
 Last Inspection: 11/28/2018 Sticker Expires: 5/28/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455077	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459815	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459817	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463269	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463271	601.002.013 Concrete, Class H		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

District: 06 **Plant Name:** SSC1.03.601 Smith Concrete F-3 @ Tiltonsville OH
Last Inspection: 09/21/2018 **Sticker Expires:** 3/21/2019 **Standard Deviation:** 650.00 **Rating:** A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463265	601.002.022 Concrete, Class DC		3.73	3.73	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463266	601.002.022 Concrete, Class DC		4.26	4.26	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463293	601.002.004 Concrete, Class B Modified		3.95	3.95	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 05 Plant Name: TBH1.01.601 Thomas, Bennet & Hunter, Inc @ Martinsburg, W
 Last Inspection: 09/13/2018 Sticker Expires: 3/13/2019 Standard Deviation: 800.14 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
389014 - R15	601.002.003 Concrete, Class B		2.87	2.63	18	3000	1.533	3.175	780.5	6640.61	> 5478.09	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
389014 - R15	601.002.003 Concrete, Class B		2.87	2.63	32	3000	1.5	3	839.46	6260.75	> 5518.38	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
Last One Year of Data Slump Less than 2 inches												
389014 - R15	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last One Year of Data Slump Greater than or equal to 2 inches												
389014 - R15	601.002.003 Concrete, Class B		2.87	2.63	31	3000	1.5	3	887.5	6111.87	> 5662.5	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
389016 - R15	601.002.015 Concrete, Class K	01/26/2018	3.37	3.37	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
389017 - R15	601.002.013 Concrete, Class H	01/26/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Less than 2 inches												
1398981	601.002.005 Concrete, Class B Mass	06/23/2018	2.96	2.96	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1398981	601.002.005 Concrete, Class B Mass	06/23/2018	2.96	2.72	22	3000	1.518	3.096	801.75	5707.27	> 5482.22	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1398981	601.002.005 Concrete, Class B Mass	06/23/2018	2.96	2.96	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1398981	601.002.005 Concrete, Class B Mass	06/23/2018	2.96	2.96	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399059	601.002.004 Concrete, Class B Modified		2.95	2.95	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1436432	601.002.013 Concrete, Class H	07/03/2017	3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436432	601.002.013 Concrete, Class H	07/03/2017	3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 06 Plant Name: TSC1.01.601 Tri-Son Concrete Inc F-1 @ Bellaire, OH
 Last Inspection: 10/05/2018 Sticker Expires: 4/5/2019 Standard Deviation: 650.00 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399045	601.002.013 Concrete, Class H	06/04/2017	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399048	601.002.003 Concrete, Class B	03/07/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399049	601.002.015 Concrete, Class K	06/04/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1455031	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461843	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463285	601.002.013 Concrete, Class H		3.52	3.52	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: TWG1.01.601 The Wells Group F-1 @ South Williamson, KY

Last Inspection: 03/26/2018

Sticker Expires: 9/26/2018

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1394075	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421138	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436392	601.002.015 Concrete, Class K	05/08/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455013	601.002.015 Concrete, Class K	06/13/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455022	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459000	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461788	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: TWG1.02.601 The Wells Group F-2 @ Lovely, KY

Last Inspection: 03/26/2018

Sticker Expires: 9/26/2018

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

390295 RE-14 601.002.003
Concrete, Class B

2.87 2.87

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

390296 RE 14 601.002.015
Concrete, Class K

05/08/2017 3.35 3.35

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1421137 601.002.004
Concrete, Class B Modified

01/27/2018 3.35 3.35

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1455014 601.002.015
Concrete, Class K

06/01/2018 3.35 3.35

0
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455023	601.002.013 Concrete, Class H	08/31/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459001	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461789	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02 Plant Name: TWG1.03.601 The Wells Group F-3 @ Wayne, WV
 Last Inspection: 07/19/2018 Sticker Expires: 1/19/2019 Standard Deviation: 650.00 Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1420224	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421135	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455015	601.002.015 Concrete, Class K	06/02/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455024	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458999	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461787	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: TWG1.04.601 The Wells Group F-4 @ Cannonsburg, KY

Last Inspection: 11/05/2016

Sticker Expires: 5/5/2017

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1420283	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455016	601.002.015 Concrete, Class K	06/01/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455025	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459002	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
1461790	601.002.022 Concrete, Class DC		3.74	3.74	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: TWG1.05.601 The Wells Group F-5 @ Louisa, KY

Last Inspection: 03/27/2018

Sticker Expires: 9/27/2018

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421064	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421104	601.002.013 Concrete, Class H	01/27/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421139	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436456	601.002.003 Concrete, Class B	09/29/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455017	601.002.015 Concrete, Class K	06/01/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455026	601.002.013 Concrete, Class H	08/31/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459804	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461791	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 01

Plant Name: VBC1.03.601 Cardinal Concrete @ Robertsburg

Last Inspection: 07/18/2018

Sticker Expires: 1/18/2019

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

Last One Year of Data Slump Greater than or equal to 2 inches

1461856	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
-------------------	------------------------------	--------------	------------------------	------------------------	----------------	---------------------	-------------	-------------	------------------------	---------------------	----------	----------------

1461857	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 06 Plant Name: WIC1.01.601 Weirton Ice & Coal @ Weirton, WV
 Last Inspection: 10/04/2018 Sticker Expires: 4/4/2019 Standard Deviation: 907.60 Rating: A-1

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399039	601.002.015 Concrete, Class K	04/25/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399040	601.002.003 Concrete, Class B	06/04/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1399044	601.002.013 Concrete, Class H	04/24/2017	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455020	601.002.015 Concrete, Class K	08/05/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Less than 2 inches												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.63	29	3000	1.503	3.016	617.83	5853.1	> 4863.38	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
Last One Year of Data Slump Greater than or equal to 2 inches												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.87	33	3000	1.5	3	1148.66	4722.99	< 6086.67	< 6445.98
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455038	601.002.013 Concrete, Class H	10/21/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461844	601.002.013 Concrete, Class H		3.50	3.50	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461858	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1463244	601.002.003 Concrete, Class B		2.87	3.87	20	4746	1.525	3.13	824.91	4799	< 6003.99	= 1
INCREASE CEMENT FACTOR BY 1 PER SECTION 3.3 OF MP 711.03.26												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1463245	601.002.022 Concrete, Class DC		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1463263	601.002.022 Concrete, Class DC		3.73	3.73	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1463264	601.002.022 Concrete, Class DC		4.26	4.26	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1463294	601.002.004 Concrete, Class B Modified		3.95	3.95	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

District: 02

Plant Name: WRM1.01.601 Wrightway Ready Mix @ Holden, WV

Last Inspection: 06/07/2017

Sticker Expires: 12/7/2017

Standard Deviation: 650.00

Rating: B

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434206	601.002.022 Concrete, Class DC	03/27/2017	0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434205	601.002.003 Concrete, Class B	03/20/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434206	601.002.022 Concrete, Class DC	03/20/2017	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434207	601.002.015 Concrete, Class K	03/20/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 2/26/2019

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434208	601.002.015 Concrete, Class K	03/26/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434209	601.002.003 Concrete, Class B	03/26/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434210	601.002.022 Concrete, Class DC	03/20/2017	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

<----- Evaluation of Cement Requirements ----->

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1436457	601.002.013 Concrete, Class H	01/20/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												