



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

District: 07

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

Last Inspection: 09/12/2018

Sticker Expires: 3/12/2019

Standard Deviation: 587.76

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+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 Greater than or equal to 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.87	14	3000	1.557	3.313	682.22	4062.22	<	4730.71 < 5260.19
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
Last Three Months of Data Slump Less than 2 inches												
1434200	601.002.003 Concrete, Class B		2.87	2.63	13	3000	1.565	3.365	455.2	6062.31	>	4531.75 = 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												
1434200	601.002.003 Concrete, Class B		2.87	2.87	7	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / 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	1151.37	5328.38	< 6306	< 7541.31
					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)
1434213	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)
1434217	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 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

PCC Plant Evaluation with Cement Factors

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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		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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>(Fc+K1s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>
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: 11/20/2018

District: 09

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

Last Inspection: 05/29/2018

Sticker Expires: 11/29/2018

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

1432590 601.002.003 2.87 2.87
Concrete, Class B

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)
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1434179 601.002.013 11/05/2016 3.45 3.45
Concrete, Class H

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)
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1434222 601.002.003 04/01/2017 2.87 2.87
Concrete, Class B

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

1436394 601.002.022 05/08/2017 3.59 3.59
Concrete, Class DC

2

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	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)	(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												

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>(Fc+K1s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>
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: 11/20/2018

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)
1432577	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)
1434170	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)
1434183	601.002.003 Concrete, Class B	11/07/2016	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)
1434186	601.002.013 Concrete, Class H	11/13/2016	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1436469	601.002.013 Concrete, Class H		3.45	3.45	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)
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: 11/20/2018

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: 550.23 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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1432575	601.002.003 Concrete, Class B		2.87	2.63	21	3000	1.521	3.112	505.41	4891.43	> 4572.84	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1432575	601.002.003 Concrete, Class B		2.87	2.63	21	3000	1.521	3.112	505.41	4891.43	> 4572.84	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1432575	601.002.003 Concrete, Class B		2.87	2.63	16	3000	1.543	3.233	401.7	5287.5	> 4298.7	= 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												
1434168	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												
1434168	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: 11/20/2018

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

Mix Design Number	Material Code / 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	22	3000	1.518	3.096	714.71	4084.93	< 4905.68	< 5212.74
					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	26	3000	1.508	3.044	563.9	3850.36	< 4212.54	< 4716.51
					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	2.63	32	3000	1.5	3	433.46	4328.44	> 4300.38	= 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
1434184	601.002.013 Concrete, Class H	11/13/2016	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
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							

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

Mix Design Number	Material Code / 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
1455001	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)
Last Two Years of Data Slump Greater than or equal to 2 inches												
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: 11/20/2018

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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434185	601.002.013 Concrete, Class H	11/13/2016	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

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

Last Inspection: 12/04/2017 Sticker Expires: 6/4/2018 Standard Deviation: 859.56 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)
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)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432591	601.002.003 Concrete, Class B		2.87	2.87	19	3000	1.528	3.151	1094.08	4671.75 <	5325.26 <	6447.45
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												
1432591	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1434176	601.002.015 Concrete, Class K		3.35	3.35	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year 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 One Year 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434180	601.002.013 Concrete, Class H	11/05/2016	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1434221	601.002.003 Concrete, Class B	04/01/2017	2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434221	601.002.003 Concrete, Class B	04/01/2017	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	04/01/2017	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							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436466	601.002.013 Concrete, Class H	03/20/2018	0	0	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1436466	601.002.013 Concrete, Class H	03/20/2018	0	0	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												
1459801	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)
1459810	601.002.002 Concrete, Class A Modified		3.60	3.60	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>(Fc+K1s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>
1461849	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: 11/20/2018

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: 753.92

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)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	28	3000	1.505	3.024	465.47	3700.53 <	4368.57 <	4407.58
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
Last One Year of Data Slump Less than 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	25	3000	1.511	3.055	893.41	4349.94 <	4876.8 <	5729.37
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												
1432573	601.002.003 Concrete, Class B		2.87	2.87	132	3000	1.5	3	886.72	4330.08 <	4636.29 <	5660.16
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
Last Three Months of Data Slump Less than 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	34	3000	1.5	3	467.64	3701.46 <	4391.47 <	4402.92
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436393	601.002.022 Concrete, Class DC	05/08/2017	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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 Concrete, Pavement	07/02/2017	3.35	3.35	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)
1436460	601.002.023 Concrete, Class H-IC	02/14/2018	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 Two Years of Data Slump Greater than or equal to 2 inches												
1436464	601.002.013 Concrete, Class H	03/19/2018	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)
1436486	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

District: 03

Plant Name: CCC1.01.601 Cardinal Concrete F-1 @ Ravenswood, WV

Last Inspection: 04/03/2018

Sticker Expires: 10/3/2018

Standard Deviation: 449.90

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

1398978 601.002.013 Concrete, Class H
 Approved Cement Factor: 3.23 Adjusted Cement Factor: 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)
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Last Two Years of Data Slump Greater than or equal to 2 inches

1436396 601.002.003 Concrete, Class B
 Approved Cement Factor: 2.87 Adjusted Cement Factor: 2.87

20

3000 1.525 3.13 485.68 3740.66 < 4349.05 < 4520.18

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
 Approved Cement Factor: 2.87 Adjusted Cement Factor: 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)
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Last Two Years of Data Slump Less than 2 inches

1436397 601.002.015 Concrete, Class K
 Expired Date: 05/09/2017
 Approved Cement Factor: 0 Adjusted Cement Factor: 0

4

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1455072	601.002.022 Concrete, Class DC		3.74	3.74	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)
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	2.87	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)
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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

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: 680.38

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												
1432578	601.002.003 Concrete, Class B		2.92	2.92	29	3000	1.503	3.016	687.94	4033.97 <	4832.76 <	5074.83
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last One Year 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 One Year of Data Slump Greater than or equal to 2 inches												
1432578	601.002.003 Concrete, Class B		2.92	2.92	22	3000	1.518	3.096	897.8	4362.86 <	5716.82 <	5779.59
					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)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1432579	601.002.003 Concrete, Class B		2.89	2.89	10	3000	1.604	3.615	510.67	3819.11 <	4373 <	4846.07
					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												
1432579	601.002.003 Concrete, Class B		2.89	2.89	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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		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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

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: 655.76

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434187	601.002.003 Concrete, Class B	11/14/2016	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												
1434187	601.002.003 Concrete, Class B	11/14/2016	2.87	2.87	40	3000	1.5	3	644.35	3966.52 <	4869.5 <	4933.05
					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	11/14/2016	2.87	2.87	32	3000	1.5	3	647.05	3970.58 <	4845.62 <	4941.15
					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	11/14/2016	2.87	2.87	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	11/14/2016	3.35	3.35	5							
					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	11/14/2016	3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Less than 2 inches												
1434188	601.002.015 Concrete, Class K	11/14/2016	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)
1436458	601.002.004 Concrete, Class B Modified	01/28/2018	0	0	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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		3.45	3.45	4							
	Concrete, Class H				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		3.45	3.45	6							
	Concrete, Class H				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1455051	601.002.013		3.45	3.45	2							
	Concrete, Class H				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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		3.74	3.74	8							
	Concrete, Class DC				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		3.74	3.74	8							
	Concrete, Class DC				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1455080	601.002.022		3.74	3.74	2							
	Concrete, Class DC				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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)
1461855	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: 11/20/2018

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: 678.12

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												
1434196	601.002.003 Concrete, Class B	01/24/2017	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434197	601.002.004 Concrete, Class B Modified	01/24/2017	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)
1434198	601.002.003 Concrete, Class B	01/24/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	75	3000	1.5	3	722.52	4083.78	< 5062.87	< 5167.56
					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												
1434199	601.002.003 Concrete, Class B		2.87	2.87	48	3000	1.5	3	599.6	3899.4	< 4766.04	< 4798.8
					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												
1434199	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)
1436402	601.002.015 Concrete, Class K	05/14/2017	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	16	4000	1.543	3.233	744.37	5148.56	< 5989.38	< 6406.55
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1436403	601.002.015 Concrete, Class K		3.35	3.35	16	4000	1.543	3.233	744.37	5148.56	< 5989.38	< 6406.55
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1436403	601.002.015 Concrete, Class K		3.35	3.35	17	4000	1.538	3.202	654.52	5006.65	< 5784.71	< 6095.77
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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	06/17/2017	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	0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	10/20/2018	3.58	3.58	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1455036	601.002.022 Concrete, Class DC	10/20/2018	3.58	3.58	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												
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 Three Months of Data Slump Greater than or equal to 2 inches												
1458960	601.002.016 Concrete, Class K Modified		3.47	3.47	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)
1463247	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

District: 04

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

Last Inspection: 03/07/2018

Sticker Expires: 9/7/2018

Standard Deviation: 752.42

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)
1434189	601.002.011 Concrete, Class D	01/23/2017	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)
1434190	601.002.009 Concrete, Class C	01/23/2017	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)
1434191	601.002.015 Concrete, Class K	01/28/2017	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)
1434192	601.002.003 Concrete, Class B	01/28/2017	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	01/24/2017	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												
1434193	601.002.003 Concrete, Class B	01/24/2017	2.87	2.87	25	3000	1.511	3.055	682.23	4030.85 <	4737.68 <	5084.21
					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	01/24/2017	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												
1434193	601.002.003 Concrete, Class B	01/24/2017	2.87	2.87	31	3000	1.5	3	888.92	4333.38 <	5317.1 <	5666.76
					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	01/24/2017	2.87	2.87	3							
					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	01/24/2017	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)
1434194	601.002.001 Concrete, Class A	01/24/2017	3.47	3.47	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	01/24/2017	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)
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 Three Months 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	10/20/2018	3.58	3.58	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												
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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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: 663.60

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1434201	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												
1434201	601.002.003 Concrete, Class B		2.87	2.87	27	3000	1.507	3.034	602.87	3908.53 <	4783.7 <	4829.11
					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 Concrete, Class B		2.87	2.87	66	3000	1.5	3	721.22	4081.83 <	4700.76 <	5163.66
					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												
1434201	601.002.003 Concrete, Class B		2.87	2.87	17	3000	1.538	3.202	771.39	4186.4 <	4970.59 <	5469.99
					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												
1434212	601.002.001 Concrete, Class A		3.47	3.47	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434212	601.002.001 Concrete, Class A		3.47	3.47	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436443	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)
1455042	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)
1459834	601.002.004 Concrete, Class B Modified		3.37	3.13	18	4000	1.533	3.175	479.61	6170	> 5522.76	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
1459834	601.002.004 Concrete, Class B Modified		3.37	3.37	15	4000	1.549	3.27	727.11	5126.29	< 6350.67	< 6377.65
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 11/20/2018

<----- Evaluation 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(\bar{X})	(F_c+K_2s)
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(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	(F_c+K_1s)	Average Strength(\bar{X})	(F_c+K_2s)
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: 11/20/2018

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: 544.79 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												
1434202	601.002.003		2.87	2.63	31	3000	1.5	3	559.91	5156.77	> 4679.73	= 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												
1434202	601.002.003		2.87	2.63	20	3000	1.525	3.13	571.28	5081	> 4788.11	= 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 Greater than or equal to 2 inches												
1434202	601.002.003		2.87	2.87	1							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / 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
1434215	601.002.003		2.87	2.87	0							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / 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												
1434219	601.002.015		3.35	3.35	1							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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												
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455045	601.002.022 Concrete, Class DC		3.59	3.59	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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	12	4000	1.576	3.429	813.67	8426.67	> 6790.07	= 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	3.58	13	4000	1.565	3.365	402.89	8100	> 5355.72	= 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
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: 11/20/2018

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: 552.07

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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434203	601.002.003		2.87	2.87	2							
	Concrete, Class B											
					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		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												
1434203	601.002.003		2.87	2.87	2							
	Concrete, Class B											
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / 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												
1434216	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: 11/20/2018

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

Mix Design Number	Material Code / 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												
1434220	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												
1434220	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434236	601.002.011 Concrete, Class D		2.04	2.04	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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
1434240	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436391	601.002.015 Concrete, Class K		3.35	3.35	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436445	601.002.013 Concrete, Class H		3.45	3.45	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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
1455044	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 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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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: 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1458976	601.002.003 Concrete, Class B		2.86	2.86	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463246	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: 11/20/2018

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

Last Inspection: 06/25/2018 Sticker Expires: 12/25/2018 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

<----- Evaluation 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)	$X-(F_c+K_1s)/1.4$
1461838	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(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
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: 11/20/2018

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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461804	601.002.003 Concrete, Class B		2.96	2.96	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

<----- Evaluation 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)	$X-(F_c+K_1s)/1.4$
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461805	601.002.003 Concrete, Class B		2.95	2.95	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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: 410.13

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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	13	3000	1.565	3.365	680.36	4064.76	< 4335.38	< 5289.41
					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	1							
					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: 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 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 Three Months of Data Slump Greater than or equal to 2 inches												
1399046	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: 11/20/2018

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

1458943	601.002.003 Concrete, Class B		2.87	2.87	3							
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MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA											
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PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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: 636.50

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

1458992	601.002.003 Concrete, Class B		2.87	2.87	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1458992	601.002.003 Concrete, Class B		2.87	2.87	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)
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Last Three Months of Data Slump Greater than or equal to 2 inches

1458993	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)
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Last One Year of Data Slump Greater than or equal to 2 inches

1459836	601.002.022 Concrete, Class DC		3.74	3.74	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1461802	601.002.013 Concrete, Class H		3.45	3.45	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461802	601.002.013 Concrete, Class H		3.45	3.45	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

District: 01 Plant Name: ERM1.02.601 Hanson Ready Mix F-2 @ Gallipolis, OH

Last Inspection: 06/13/2018 Sticker Expires: 12/13/2018 Standard Deviation: 619.89 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)
1432598	601.002.013 Concrete, Class H	01/07/2017	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1459811	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459811	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1459827	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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461842	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: 11/20/2018

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: 680.12

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												
1436441	601.002.015 Concrete, Class K	07/17/2017	3.34	3.34	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 Concrete, Class K	07/17/2017	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)	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 Concrete, Class B	07/17/2017	2.87	2.63	17	3000	1.538	3.202	403.68	5092.94	> 4292.58	= 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												
1436447	601.002.003 Concrete, Class B	07/17/2017	2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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 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												
1455087	601.002.013 Concrete, Class H		3.45	3.45	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
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
1461780	601.002.015 Concrete, Class K		3.41	3.41	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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												
1461798	601.002.003 Concrete, Class B		2.87	2.87	6							
					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	22	3000	1.518	3.096	694.07	4053.6	< 4241.36	< 5148.84
					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	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461823	601.002.022 Concrete, Class DC		3.75	3.75	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)
1463259	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: 11/20/2018

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: 632.44 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)	(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	8							
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	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 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	1							
					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	20	3000	1.525	3.13	569.48	3868.46	< 4628	< 4782.47
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Last Three Months of Data Slump Less than 2 inches												
1461799	601.002.003 Concrete, Class B		2.87	2.87	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1461799	601.002.003 Concrete, Class B		2.87	2.87	29	3000	1.503	3.016	662.02	3995.02	< 4576.9	< 4996.65
					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 Three Months of Data Slump Greater than or equal to 2 inches												
1463258	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: 11/20/2018

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: 578.96

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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		2.87	2.87	1							
	Concrete, Class B											
					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		2.87	2.63	98	3000	1.5	3	465.41	4396.73	> 4396.23	= 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												
1424572	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												
1424572	601.002.003		2.87	2.87	38	3000	1.5	3	721.77	4082.66	< 4922.63	< 5165.31
	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												
1424572	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	7							
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	44	3000	1.5	3	594.79	3892.18	< 4762.05	< 4784.37
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	7							
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	827.25	4241.7	< 5239	< 5488.37
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	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1459006	601.002.015 Concrete, Class K		3.39	3.39	15	4000	1.549	3.27	550.1	4852.1	< 4979.33	< 5798.83
					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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1459828	601.002.013 Concrete, Class H		3.45	3.21	51	4000	1.5	3	664.67	7509.41	> 5994.01	= 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	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
Last One Year 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							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	28	3000	1.505	3.024	495.16	3745.22 <	4159.64 <	4497.36
					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	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)
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)
1461839	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: 11/20/2018

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: 520.60

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)	(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 Less than 2 inches												
1436399	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												
1436399	601.002.003 Concrete, Class B		2.87	2.63	10	3000	1.604	3.615	304.5	4439	> 4100.77	= 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												
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	63	3000	1.5	3	630.69	3946.04	< 4091.43	< 4892.07
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	33	3000	1.5	3	473.19	3709.78	< 3968.18	< 4419.57
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Three Months of Data Slump Greater than or equal to 2 inches												
1455090	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461834	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)
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: 11/20/2018

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: 610.21

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												
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	2.63	17	3000	1.538	3.202	528.19	4717.06	> 4691.26	= 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												
1424571	601.002.003 Concrete, Class B		2.87	2.87	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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												
1436420	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436453	601.002.022 Concrete, Class DC		3.73	3.73	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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: 11/20/2018

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
1436422	601.002.003 Concrete, Class B	06/19/2017	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
1436425	601.002.015 Concrete, Class K	06/24/2017	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
1436427	601.002.022 Concrete, Class DC	07/02/2017	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
1458949	601.002.015 Concrete, Class K		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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												
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: 11/20/2018

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: 490.62

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		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
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	4							
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	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1421098	601.002.003 Concrete, Class B		2.86	2.86	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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	1							
						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	3							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
Last One Year of Data Slump Less than 2 inches												
1421100	601.002.015 Concrete, Class K		3.33	3.33	1							
						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						

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

Mix Design Number	Material Code / 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	6							
						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	4							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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												

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

Mix Design Number	Material Code / 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		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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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												

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

Mix Design Number	Material Code / 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: 11/20/2018

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

1424543 601.002.015 3.33 3.33
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
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1424584 601.002.003 0 0
Concrete, Class B

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
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1432582 601.002.003 2.87 2.87
Concrete, Class B

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
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1455034 601.002.023 **10/14/2018** 3.46 3.46
Concrete, Class H-IC

0

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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		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		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
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: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>	<i>X-(Fc+K1s)/1.4</i>
1463280	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: 11/20/2018

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: 11/20/2018

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

Mix Design Number	Material Code / 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 Three Months 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		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: 11/20/2018

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

Mix Design Number	Material Code / 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

District: 05

Plant Name: FCC1.05.601 Allegany 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	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
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
1461807	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: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>	<i>X-(Fc+K1s)/1.4</i>
1461808	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: 11/20/2018

District: 09

Plant Name: GRM1.01.601 Greenbrier Ready Mix, Caldwell WV

Last Inspection: 05/29/2018

Sticker Expires: 11/29/2018

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	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459816	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: 11/20/2018

District: 06

Plant Name: GTC1.03.601 Golden Triangle F-3 @ Chester, WV

Last Inspection: 05/10/2017

Sticker Expires: 11/10/2017

Standard Deviation: 454.63

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 Two Years of Data Slump Less than 2 inches												
1458995	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												
1458995	601.002.003 Concrete, Class B		2.87	2.87	14	3000	1.557	3.313	512.05	3797.26	< 4665.71	< 4696.42
					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)
1458996	601.002.003 Concrete, Class B		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
1458997	501.002.001 Concrete, Pavement		2.87	2.63	52	3000	1.5	3	449.9	5275.19	> 4349.7	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
1458997	501.002.001 Concrete, Pavement		2.87	2.63	31	3000	1.5	3	412.83	4821.61	> 4238.49	= 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: 11/20/2018

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

Mix Design Number	Material Code / 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												
1458998	501.002.001 Concrete, Pavement		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												
1458998	501.002.001 Concrete, Pavement		3.35	3.11	21	3000	1.521	3.112	536	5444.76	> 4668.03	= 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: 11/20/2018

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: 11/20/2018

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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(F_c)</i>	<i>Factor (K_1)</i>	<i>Factor (K_2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(F_c+K_2s)</i>	<i>$X-(F_c+K_1s)/1.4$</i>
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: 11/20/2018

District: 01

Plant Name: MRM2.01.601 Logan Concrete, Inc. - Madison Plant @ Madison,

Last Inspection: 11/29/2017

Sticker Expires: 5/29/2018

Standard Deviation: 613.46

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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	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)
1461815	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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 Three Months 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: 11/20/2018

District: 01

Plant Name: MRM3.01.601 Mozack Ready Mix, Winfield WV

Last Inspection: 09/27/2018

Sticker Expires: 3/27/2019

Standard Deviation: 705.75

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												
1458937	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												
1458937	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												
1458937	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												
1458937	601.002.003 Concrete, Class B		2.87	2.87	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Less than 2 inches												
1458937	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												
1458937	601.002.003 Concrete, Class B		2.87	2.87	18	3000	1.533	3.175	499.06	3765.06	< 4324.44	< 4584.52
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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 Concrete, Class K		3.35	3.35	4							
					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 Concrete, Class K		3.35	3.35	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Less than 2 inches												
1458938	601.002.015 Concrete, Class K		3.35	3.35	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458938	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 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							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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
Last Two Years of Data Slump Greater than or equal to 2 inches												
1459004	601.002.013 Concrete, Class H		3.45	3.21	15	4000	1.549	3.27	806.59	7115.33	> 6637.55	= 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												
1459004	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
1459824	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
1459825	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: 11/20/2018

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

Mix Design Number	Material Code / 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												

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

Mix Design Number	Material Code / 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

<----- Evaluation 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)	$X - (F_c+K_1s)/1.4$
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: 11/20/2018

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: 747.07

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												
1455041	601.002.016 Concrete, Class K Modified		0	2.87	26	3000	1.508	3.044	843.57	4272.1	< 4487.69	< 5567.83
					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												
1455041	601.002.016 Concrete, Class K Modified		0	0	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 Two Years of Data Slump Greater than or equal to 2 inches												
1455099	501.002.002 Concrete, Pavement HES		3.35	3.35	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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 Concrete, Class B		2.87	2.87	26	3000	1.508	3.044	843.57	4272.1	< 4487.69	< 5567.83
					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 Concrete, Class B		2.87	2.87	13	3000	1.565	3.365	851.43	4332.49	< 5063.85	< 5865.06
					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												
1458929	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)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458931	601.002.022 Concrete, Class DC		3.59	3.59	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)
1458933	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	1							
					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	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Less than 2 inches												
1458962	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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: 11/20/2018

District: 01

Plant Name: RRM1.02.601 Rumble Ready Mix F-2 @ Belle, WV

Last Inspection: 10/05/2017

Sticker Expires: 4/5/2018

Standard Deviation: 795.16

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

1458930	601.002.003 Concrete, Class B		0	0	12	3000	1.576	3.429	585.72	3923.09	< 4504.17	< 5008.43
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

1458930	601.002.003 Concrete, Class B		0	0	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)
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1458932	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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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
Last Two Years of Data Slump Greater than or equal to 2 inches												
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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

District: 09 Plant Name: SSC1.01.601 Superior Supply @ Caldwell, WV

Last Inspection: 03/13/2018 Sticker Expires: 9/13/2018 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
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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

District: 13

Plant Name: SSC1.03.601 Smith Concrete F-3 @ Tiltonsville OH

Last Inspection: 01/01/2018

Sticker Expires: 7/1/2018

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
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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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: 815.77

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 Less than 2 inches												
I389014 - R15	601.002.003		0	-0.24	16	3000	1.543	3.233	781.11	6645.06	> 5525.33	= 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												
I389014 - R15	601.002.003		0	-0.24	12	3000	1.576	3.429	732.93	5855	> 5513.22	= 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												
I389014 - R15	601.002.003		0	-0.24	16	3000	1.543	3.233	781.11	6645.06	> 5525.33	= 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												
I389014 - R15	601.002.003		0	-0.24	41	3000	1.5	3	925.8	6338.32	> 5777.4	= 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												
I389014 - R15	601.002.003		0	0	2							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
I389014 - R15	601.002.003		0	0	9							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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
1389016 - R15	601.002.015 Concrete, Class K	01/26/2018	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
1389017 - R15	601.002.013 Concrete, Class H	01/26/2018	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
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	2							
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	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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		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
1436432	601.002.013 Concrete, Class H	07/03/2017	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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	10/06/2018	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												
1455031	601.002.003 Concrete, Class B	10/06/2018	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
1461843	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

District: 06

Plant Name: TSC1.02.601 Tri-Son Concrete, Inc. F-2 @ Morristown, OH

Last Inspection: 04/05/2018

Sticker Expires: 10/5/2018

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
1434204	601.002.003 Concrete, Class B	03/07/2017	2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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: 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
1420224	601.002.003 Concrete, Class B		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
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: 11/20/2018

<----- Evaluation 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)	$X-(F_c+K_1s)/1.4$
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(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
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: 11/20/2018

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: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>	<i>X-(Fc+K1s)/1.4</i>
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: 11/20/2018

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	0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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

Mix Design Number	Material Code / 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: 11/20/2018

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: 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
1461856	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
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: 11/20/2018

District: 06

Plant Name: WIC1.01.601 Weirton Ice & Coal @ Weirton, WV

Last Inspection: 10/04/2018

Sticker Expires: 4/4/2019

Standard Deviation: 899.66

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	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
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	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
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: 11/20/2018

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

Mix Design Number	Material Code / 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	28	3000	1.505	3.024	621.71	5870.71	> 4880.05	= 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	28	3000	1.505	3.024	1198.86	4804.28	< 6178.93	< 6625.35
					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												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.87	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)
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: 11/20/2018

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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	17	4746	1.538	3.202	841.2	4830	< 6039.77	= 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: 11/20/2018

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K1s)</i>	<i>(Fc+K1s)-X/1.4 Increase</i>
1463264	601.002.022 Concrete, Class DC		4.26	4.26	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 11/20/2018

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	3.55	3.55	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: 11/20/2018

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

Mix Design Number	Material Code / 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	0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												