



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 07 Plant Name: ACX1.01.601 Central Supply F-8 @ Buckhannon

Last Inspection: 03/13/2018 Sticker Expires: 9/13/2018 Standard Deviation: 500.67 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
1434153	601.002.001 Concrete, Class A	09/13/2016	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
1434157	601.002.015 Concrete, Class K	09/13/2016	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 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 Three Months of Data Slump Greater than or equal to 2 inches												
1434200	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

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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
1434211	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												
1434213	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434225	601.002.004 Concrete, Class B Modified		3.35	3.35	0							
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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Greater than or equal to 2 inches												
1436388	601.002.015 Concrete, Class K		3.35	3.35	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

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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 Three Months of Data Slump Greater than or equal to 2 inches												
1436444	601.002.013 Concrete, Class H		3.45	3.45	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459842	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: 8/1/2018

<----- 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)	$X-(F_c+K_1s)/1.4$
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: 8/1/2018

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: 333.04

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												
1432590	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												
1432590	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
Last One Year of Data Slump Less than 2 inches												
1434175	601.002.015 Concrete, Class K	10/28/2016	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												
1434175	601.002.015 Concrete, Class K	10/28/2016	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
1434179	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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436394	601.002.022 Concrete, Class DC	05/08/2017	3.59	3.59	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436433	679.002.002 Concrete, Microsilica	10/23/2016	3.82	3.82	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436465	601.002.013 Concrete, Class H	03/20/2018	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459809	601.002.001 Concrete, Class A		3.60	3.60	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 10

Plant Name: BMC1.02.601 Central Supply F-10 @ Wolfpen, WV

Last Inspection: 05/14/2018

Sticker Expires: 11/14/2018

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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434171	679.002.002 Concrete, Microsilica	10/25/2016	4.43	4.43	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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

Effective Date: 8/1/2018

<----- 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)	$X-(F_c+K_1s)/1.4$
1455007	601.002.022 Concrete, Class DC	05/18/2018	3.61	3.61	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 10

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

Last Inspection: 05/15/2018

Sticker Expires: 11/15/2018

Standard Deviation: 647.74

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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Last Two Years of Data Slump Greater than or equal to 2 inches

1434168	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
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1434173	679.002.002 Concrete, Microsilica	10/23/2016	4.43	4.43	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
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Last Two Years of Data Slump Less than 2 inches

1434181	601.002.003 Concrete, Class B	11/07/2016	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

1434181	601.002.003 Concrete, Class B	11/07/2016	2.87	2.87	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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												
1434184	601.002.013 Concrete, Class H	11/13/2016	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												
1436467	601.002.013 Concrete, Class H		3.45	3.45	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1455005	601.002.022 Concrete, Class DC	05/18/2018	3.61	3.61	9							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 10

Plant Name: BMC1.04.601 Central Supply F-12 @ Bluefield, WV

Last Inspection: 05/15/2018

Sticker Expires: 11/15/2018

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

1434169	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
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1434172	679.002.002 Concrete, Microsilica	10/25/2016	4.43	4.43	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
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Last One Year of Data Slump Greater than or equal to 2 inches

1434182	601.002.003 Concrete, Class B	11/07/2016	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
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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

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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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455006	601.002.022 Concrete, Class DC	05/18/2018	3.61	3.61	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 1,034.86 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement 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												
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	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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
1434180	601.002.013 Concrete, Class H	11/05/2016	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 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 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	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 8/1/2018

<----- 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												
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 8/1/2018

District: 10

Plant Name: BMC1.06.601 Central Supply F-14 @ Beckley, WV

Last Inspection: 05/10/2018

Sticker Expires: 11/10/2018

Standard Deviation: 918.89

Rating: A-2

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last Three Months of Data Slump Greater than or equal to 2 inches												
1424532	679.002.002 Concrete, Microsilica		3.82	2.87	33	3000	1.5	3	886.92	4304.24	< 4330.38	= 0
					INCREASE CEMENT FACTOR BY 0 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
Last Three Months of Data Slump Less than 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Three Months of Data Slump Greater than or equal to 2 inches												
1432573	601.002.003 Concrete, Class B		2.87	2.87	33	3000	1.5	3	886.92	4304.24	< 4330.38	= 0
					INCREASE CEMENT FACTOR BY 0 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
1432589	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: 8/1/2018

<----- 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
Last One Year 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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1434178	601.002.013 Concrete, Class H	10/31/2016	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+K1s)	(Fc+K1s)-X/1.4 Increase
1436393	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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last One Year of Data Slump Greater than or equal to 2 inches												
1436428	501.002.001 Concrete, Pavement	07/02/2017	3.35	3.35	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
Last One Year of Data Slump Greater than or equal to 2 inches												
1436464	601.002.013 Concrete, Class H	03/19/2018	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+K1s)	(Fc+K1s)-X/1.4 Increase
1436486	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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1437174	601.002.015 Concrete, Class K	10/28/2016	3.34	3.34	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1459835	601.002.004 Concrete, Class B Modified		3.24	3.24	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 481.10

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

1398978 601.002.013 3.23 3.23
Concrete, Class H

5

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+K1s)	(Fc+K1s)-X/1.4 Increase
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1434177 601.002.003 **10/25/2016** 2.9 2.9
Concrete, Class B

0

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+K1s)	(Fc+K1s)-X/1.4 Increase
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Last One Year of Data Slump Greater than or equal to 2 inches

1436396 601.002.003 2.87 2.87
Concrete, Class B

4

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+K1s)	(Fc+K1s)-X/1.4 Increase
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Last Two Years of Data Slump Greater than or equal to 2 inches

1455072 601.002.022 3.74 3.74
Concrete, Class DC

3

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
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PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

-----<----- 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
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1461816	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+K1s)	(Fc+K1s)-X/1.4 Increase
1461820	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: 8/1/2018

District: 03

Plant Name: CCC1.02.601 Cardinal Concrete F-2 @ Parkersburg, WV

Last Inspection: 04/16/2018

Sticker Expires: 10/16/2018

Standard Deviation: 837.44

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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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	2.68	32	3000	1.5	3	787.77	5513.44	> 5363.31	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1432579	601.002.003 Concrete, Class B		2.89	2.89	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												
1455049	601.002.015 Concrete, Class K		3.59	3.59	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461813	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
1461817	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: 8/1/2018

<----- 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)	$X - (F_c+K_1s)/1.4$
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: 8/1/2018

District: 04

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

Last Inspection: 03/21/2018

Sticker Expires: 9/21/2018

Standard Deviation: 692.10

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												
1434187	601.002.003 Concrete, Class B	11/14/2016	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												
1434187	601.002.003 Concrete, Class B	11/14/2016	2.87	2.87	8							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years 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						
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	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
Last One Year of Data Slump Greater than or equal to 2 inches												
1455051	601.002.013 Concrete, Class H		3.45	3.45	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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 Greater than or equal to 2 inches												
1455080	601.002.022 Concrete, Class DC		3.74	3.74	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461822	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: 8/1/2018

District: 04

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

Last Inspection: 09/05/2017

Sticker Expires: 3/5/2018

Standard Deviation: 693.73

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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 8/1/2018

----- 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 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 Three Months of Data Slump Greater than or equal to 2 inches												
1434199	601.002.003 Concrete, Class B		2.87	2.87	20	3000	1.525	3.13	662.07	4009.66	< 4647	< 5072.28
					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)
1436402	601.002.015 Concrete, Class K	05/14/2017	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1436403	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)
1436405	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: 8/1/2018

----- 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)
1436411	601.002.011 Concrete, Class D	05/16/2017	2.17	2.17	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1458960	601.002.016 Concrete, Class K Modified		3.47	3.47	11	4000	1.588	3.51	788.05	5251.42	< 6405.73	< 6766.06
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 796.16

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

----- 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 Three Months of Data Slump Less than 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							
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	11	3000	1.588	3.51	859.11	4364.27	< 4840.91	< 6015.48
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434194	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)
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							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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												
1436406	601.002.015 Concrete, Class K		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)
1436463	601.002.023 Concrete, Class H-IC	03/26/2018	3.44	3.44	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 08

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

Last Inspection: 03/14/2018

Sticker Expires: 9/14/2018

Standard Deviation: 618.16

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Greater than or equal to 2 inches												
1434154	601.002.001 Concrete, Class A		3.47	2.63	17	3000	1.538	3.202	598.17	5115.29	> 4915.34	= 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
1434158	601.002.015 Concrete, Class K	09/13/2016	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 One Year 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 Three Months of Data Slump Greater than or equal to 2 inches												
1434201	601.002.003 Concrete, Class B		2.87	2.63	17	3000	1.538	3.202	598.17	5115.29	> 4915.34	= 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: 8/1/2018

<----- 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												
1434212	601.002.001 Concrete, Class A		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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434214	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434226	601.002.004 Concrete, Class B Modified		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
1434230	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months 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 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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 Greater than or equal to 2 inches												
1436443	601.002.013 Concrete, Class H		3.45	3.45	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
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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459834	601.002.004 Concrete, Class B Modified		3.37	3.37	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
1459837	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: 8/1/2018

<----- 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
1459841	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461800	679.002.002 Concrete, Microsilica		3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
1461826	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

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

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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)	$X-(F_c+K_1s)/1.4$
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: 8/1/2018

District: 07

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

Last Inspection: 03/13/2018

Sticker Expires: 9/13/2018

Standard Deviation: 551.99

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
1434155	601.002.001 Concrete, Class A	09/13/2016	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
1434159	601.002.015 Concrete, Class K	09/13/2016	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
1434202	601.002.003 Concrete, Class B		2.87	2.63	22	3000	1.518	3.096	558.64	5382.27	> 4729.55	= 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												
1434215	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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												
1434219	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
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							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
1434239	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 One Year of Data Slump Greater than or equal to 2 inches												
1436390	601.002.015 Concrete, Class K		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)	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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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												
1455045	601.002.022		3.59	3.59	5							
	Concrete, Class DC											
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement 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												
1458980	679.002.002		3.82	3.82	3							
	Concrete, Microsilica											
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement 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		2.86	2.86	0							
	Concrete, Class B											
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 07

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

Last Inspection: 03/13/2018

Sticker Expires: 9/13/2018

Standard Deviation: 699.64

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434156	601.002.001 Concrete, Class A	09/13/2016	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
1434160	601.002.015 Concrete, Class K	09/13/2016	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 Three Months of Data Slump Greater than or equal to 2 inches												
1434203	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last Two Years of Data Slump Greater than or equal to 2 inches												
1434216	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: 8/1/2018

<----- 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	3							
					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	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
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: 8/1/2018

<----- 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 One Year of Data Slump Greater than or equal to 2 inches												
1436391	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
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	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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: 8/1/2018

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: 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
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
1458976	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
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: 8/1/2018

<----- 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 One Year 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 8/1/2018

<----- 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)	$X-(F_c+K_1s)/1.4$
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(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: 8/1/2018

District: 01 Plant Name: CSC2.01.601 Claxton Smith Concrete F-1 @ Poca, WV

Last Inspection: 03/12/2018 Sticker Expires: 9/12/2018 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
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: 8/1/2018

<----- 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
1461804	601.002.003 Concrete, Class B		2.96	2.96	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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)	$X - (F_c+K_1s)/1.4$
1461805	601.002.003 Concrete, Class B		2.95	2.95	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 8/1/2018

<----- 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: 8/1/2018

District: 01

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

Last Inspection: 03/12/2018

Sticker Expires: 9/12/2018

Standard Deviation: 351.78

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)
1436418	601.002.003 Concrete, Class B	06/17/2017	2.98	2.98	14	3000	1.557	3.313	351.78	3547.72	< 3938.57	< 4165.45
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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

<----- 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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455055	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)
1461803	601.002.003 Concrete, Class B		2.96	2.96	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 06

Plant Name: DCC1.01.601 D.W. Dickey Concrete @ Steubenville, OH

Last Inspection: 02/09/2018

Sticker Expires: 8/9/2018

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1399046	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

District: 05

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

Last Inspection: 04/03/2018

Sticker Expires: 10/3/2018

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)
Last One Year of Data Slump Greater than or equal to 2 inches												
1458943	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: 8/1/2018

District: 10

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

Last Inspection: 11/08/2017

Sticker Expires: 5/8/2018

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458992	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)
1458993	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												
1459836	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)
1461802	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: 8/1/2018

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: 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)
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)
1459811	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)
1459827	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: 8/1/2018

<----- 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)
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							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 06

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

Last Inspection: 05/15/2018

Sticker Expires: 11/15/2018

Standard Deviation: 644.35

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 Less than 2 inches

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

2

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

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

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

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

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

1455087 601.002.013 3.45 3.45
 Concrete, Class H

2

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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												
1455089	601.002.015 Concrete, Class K		3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455089	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 Greater than or equal to 2 inches												
1458939	679.002.002 Concrete, Microsilica		3.82	3.82	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461780	601.002.015 Concrete, Class K		3.41	3.41	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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												
1461798	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: 8/1/2018

<----- 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>
1461823	601.002.022 Concrete, Class DC		3.75	3.75	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 06

Plant Name: ERM1.04.601 Hanson Ready Mix F-4 @ McMechen WV

Last Inspection: 05/16/2018

Sticker Expires: 11/16/2018

Standard Deviation: 551.62

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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Last Two Years of Data Slump Greater than or equal to 2 inches

1436442 601.002.015 **07/17/2017** 3.34 3.34

Concrete, Class K

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 One Year of Data Slump Less than 2 inches

1436448 601.002.003 **07/17/2017** 2.87 2.87

Concrete, Class B

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 **07/17/2017** 2.87 2.87

Concrete, Class B

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)
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1461779 601.002.022 3.75 3.75

Concrete, Class DC

0

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Three Months 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 Three Months of Data Slump Greater than or equal to 2 inches												
1461799	601.002.003 Concrete, Class B		2.87	2.87	11	3000	1.588	3.51	633.63	4006.2	< 4742.73	< 5224.04
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 01

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

Last Inspection: 02/28/2018

Sticker Expires: 8/28/2018

Standard Deviation: 614.26

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

1424567	601.002.004 Concrete, Class B Modified		3.34	3.34	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)
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Last One Year of Data Slump Less than 2 inches

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

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

1424572	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)
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1424599	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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 Three Months of Data Slump Less than 2 inches												
1436421	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												
1436421	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)
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	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)
1455029	601.002.014 Concrete, Class H Modified		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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												
1458948	601.002.015 Concrete, Class K		3.83	3.83	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458948	601.002.015 Concrete, Class K		3.83	3.83	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Three Months of Data Slump Greater than or equal to 2 inches												
1459006	601.002.015 Concrete, Class K		3.39	3.39	12	4000	1.576	3.429	600.52	4946.42 <	4952.5 <	6059.18
					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 Three Months of Data Slump Greater than or equal to 2 inches												
1459828	601.002.013 Concrete, Class H		3.45	3.21	16	4000	1.543	3.233	554.18	7020.62 >	5791.66 =	0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
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: 8/1/2018

<----- 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 Greater than or equal to 2 inches												
1461792	601.002.003 Concrete, Class B		2.87	2.87	11	3000	1.588	3.51	404.54	3642.41	< 4047.55	< 4419.94
					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)
1461794	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: 8/1/2018

District: 03

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

Last Inspection: 01/29/2018

Sticker Expires: 7/29/2018

Standard Deviation: 650.33

Rating: B

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Three Months 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 Three Months of Data Slump Greater than or equal to 2 inches												
1436399	601.002.003 Concrete, Class B		2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436400	601.002.015 Concrete, Class K	05/14/2017	3.34	3.34	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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)
1455027	601.002.023 Concrete, Class H-IC		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 Two Years of Data Slump Greater than or equal to 2 inches												
1455090	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)
1461834	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 01

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

Last Inspection: 02/23/2018

Sticker Expires: 8/23/2018

Standard Deviation: 672.05

Rating: B

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1424571	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												
1424571	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)
1424600	601.002.013 Concrete, Class H		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Greater than or equal to 2 inches												
1436420	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436453	601.002.022 Concrete, Class DC		3.73	3.73	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1436478	601.002.016 Concrete, Class K Modified	04/20/2018	4.07	4.07	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)
1436479	601.002.015 Concrete, Class K	04/21/2018	4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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)
1436480	601.002.003 Concrete, Class B		4.07	4.07	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455088	679.002.002 Concrete, Microsilica		3.82	3.58	11	4000	1.588	3.51	666.33	8322.73	> 6338.82	= 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												
1458950	601.002.015 Concrete, Class K		3.83	3.83	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
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												

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 8/1/2018

District: 01

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

Last Inspection: 02/28/2018

Sticker Expires: 8/28/2018

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
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: 8/1/2018

<----- 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
1459007	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
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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

District: 05

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

Last Inspection: 03/19/2018

Sticker Expires: 9/19/2018

Standard Deviation: 688.66

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
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 One Year 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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement 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												
1421100	601.002.015 Concrete, Class K		3.33	3.33	2							
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	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

----- 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 Greater than or equal to 2 inches												
1421102	601.002.013 Concrete, Class H		3.44	3.44	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
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		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							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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 One Year of Data Slump Greater than or equal to 2 inches												
1455076	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: 8/1/2018

District: 08

Plant Name: FCC1.02.601 Fairfax Concrete F-2 @ Oakland, MD

Last Inspection: 03/27/2018

Sticker Expires: 9/27/2018

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

1424543 601.002.015 Concrete, Class K
 Approved Cement Factor: 3.33
 Adjusted Cement Factor: 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
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1432582 601.002.003 Concrete, Class B
 Approved Cement Factor: 2.87
 Adjusted Cement Factor: 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
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1455034 601.002.023 Concrete, Class H-IC
 Approved Cement Factor: 3.46
 Adjusted Cement Factor: 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
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1455048 601.002.023 Concrete, Class H-IC
 Approved Cement Factor: 3.43
 Adjusted Cement Factor: 3.43

0

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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)	$X - (F_c+K_1s)/1.4$
1455075	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: 8/1/2018

District: 08

Plant Name: FCC1.04.601 Fairfax Concrete F-4 @ Thomas WV

Last Inspection: 03/27/2018

Sticker Expires: 9/27/2018

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
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 One Year of Data Slump Greater than or equal to 2 inches												
1424542	601.002.015 Concrete, Class K		3.33	3.33	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
1424583	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump Greater than or equal to 2 inches												
1432580	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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
1455033	601.002.023 Concrete, Class H-IC		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: 8/1/2018

District: 05

Plant Name: FCC1.05.601 Allegany Concrete F-5 W Short Gap WV (Transit)

Last Inspection: 02/26/2018

Sticker Expires: 8/26/2018

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
1455028	601.002.023 Concrete, Class H-IC		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												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461808	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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 Three Months 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 Three Months 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 455.48

Rating: B

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
Last One Year of Data Slump 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 One Year 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1458997	501.002.001 Concrete, Pavement		2.87	2.87	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458997	501.002.001 Concrete, Pavement		2.87	2.87	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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												
1458998	501.002.001 Concrete, Pavement		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												
1458998	501.002.001 Concrete, Pavement		3.35	3.11	16	3000	1.543	3.233	560.72	5503.12	> 4812.81	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

District: 10 **Plant Name:** JRM1.01.601 Jowar Ready Mix @ laeger, WV

Last Inspection: 03/01/2018 **Sticker Expires:** 9/1/2018 **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
1455052	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: 8/1/2018

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: 755.67

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

1398983 601.002.003 **05/19/2017** 2.87 2.87

Concrete, Class B

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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1398987 601.002.015 **05/19/2017** 3.35 3.35

Concrete, Class K

0

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
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1398988 601.002.013 **05/19/2017** 3.35 3.35

Concrete, Class H

0

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

1455065 601.002.003 2.89 2.89

Concrete, Class B

2

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
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PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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: 8/1/2018

<----- 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												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 529.52

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	10	3000	1.604	3.615	602.93	3967.1	< 4381	< 5179.59
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 One Year 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: 8/1/2018

<----- 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												
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)
1461811	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)
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: 8/1/2018

<----- 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>
1461819	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: 8/1/2018

District: 01

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

Last Inspection: 03/26/2018

Sticker Expires: 9/26/2018

Standard Deviation: 695.83

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1458937	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458937	601.002.003 Concrete, Class B		2.87	2.87	10	3000	1.604	3.615	792.34	4270.91	< 4709	< 5864.31
					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)
Last One Year 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 One Year of Data Slump Greater than or equal to 2 inches												
1458938	601.002.015 Concrete, Class K		3.35	3.35	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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												
1458994	601.002.003 Concrete, Class B		4.07	4.07	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458994	601.002.003 Concrete, Class B		4.07	4.07	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)
1459003	601.002.022 Concrete, Class DC		3.59	3.59	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459004	601.002.013 Concrete, Class H		3.45	3.21	13	4000	1.565	3.365	594.42	6926.92	> 6000.22	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459824	601.002.003 Concrete, Class B		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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)	$X - (F_c+K_1s)/1.4$
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: 8/1/2018

District: 01

Plant Name: RRM1.01.601 Rumble Ready Mix F-1 @ Winfield, WV

Last Inspection: 03/20/2018

Sticker Expires: 9/20/2018

Standard Deviation: 778.28

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

1455099 501.002.002 3.35 3.35 2
 Concrete, Pavement HES

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

1458929 601.002.003 2.87 2.87 24 3000 1.513 3.067 811.95 4228.48 < 4736.25 < 5490.25
 Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
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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)
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Last Two Years of Data Slump Greater than or equal to 2 inches

1458931 601.002.022 3.59 3.59 5
 Concrete, Class DC

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)
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1458933 601.002.015 3.35 3.35 0
 Concrete, Class K

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
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PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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 One Year of Data Slump Less than 2 inches												
1458962	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
Last One Year of Data Slump Greater than or equal to 2 inches												
1458962	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)
1458982	601.002.013 Concrete, Class H		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458984	601.002.003 Concrete, Class B		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

<----- 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)
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: 8/1/2018

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: 650.00

Rating: B

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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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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1458932	601.002.022 Concrete, Class DC		3.59	3.59	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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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)
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1458936	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: 8/1/2018

<----- 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)
1458983	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458985	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458989	501.002.002 Concrete, Pavement HES		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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: 649.23 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last 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	22	3000	1.518	3.096	508.45	3771.83	< 4542.27	< 4574.16
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434224	601.002.003 Concrete, Class B	04/04/2017	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1455070	601.002.003 Concrete, Class B		2.91	2.91	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455070	601.002.003 Concrete, Class B		2.91	2.91	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

PCC Plant Evaluation with Cement Factors

Effective Date: 8/1/2018

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

Last Inspection: 02/14/2018 Sticker Expires: 8/14/2018 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

District: 05

Plant Name: TBH1.01.601 Thomas, Bennet & Hunter, Inc @ Martinsburg, W

Last Inspection: 03/13/2018

Sticker Expires: 9/13/2018

Standard Deviation: 822.68

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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last One Year of Data Slump Less than 2 inches												
1398981	601.002.005 Concrete, Class B Mass	06/23/2018	2.96	2.96	7							
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	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)
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: 8/1/2018

District: 06

Plant Name: TSC1.01.601 Tri-Son Concrete Inc F-1 @ Bellaire, OH

Last Inspection: 04/05/2018

Sticker Expires: 10/5/2018

Standard Deviation: 1,331.53

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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Less than 2 inches												
1455031	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												
1455031	601.002.003 Concrete, Class B		2.87	2.87	6							
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: 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)
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: 8/1/2018

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: 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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

<----- 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)
1455022	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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

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: 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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

<----- 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)
1455023	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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455015	601.002.015 Concrete, Class K	06/02/2018	3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Last Two Years of Data Slump Greater than or equal to 2 inches												
1455024	601.002.013 Concrete, Class H		3.45	3.45	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)
1458999	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: 8/1/2018

<----- 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>
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: 8/1/2018

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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455025	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)
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: 8/1/2018

<----- 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>
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: 8/1/2018

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: 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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455017	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: 8/1/2018

<----- 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)
1455026	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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/1/2018

District: 06

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

Last Inspection: 03/30/2018

Sticker Expires: 9/30/2018

Standard Deviation: 873.05

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)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455020	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 One Year of Data Slump Less than 2 inches												
1455021	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												
1455021	601.002.003 Concrete, Class B		2.87	2.63	19	3000	1.528	3.151	911.29	6732.63	> 5871.47	= 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: 8/1/2018

<----- 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)	$X-(F_c+K_1s)/1.4$
1455038	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(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_1s)/1.4$
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: 8/1/2018

District: 02

Plant Name: WRM1.01.601 Wrightway Ready Mix @ Holden, WV

Last Inspection: 06/07/2017

Sticker Expires: 12/7/2017

Standard Deviation: 401.66

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
1434205	601.002.003 Concrete, Class B	03/20/2017	2.87	2.63	17	3000	1.538	3.202	443.96	6028.24	> 4421.56	= 0.24
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												
1434205	601.002.003 Concrete, Class B	03/20/2017	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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+K2s)	X-(Fc+K1s)/1.4
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: 8/1/2018

<----- 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
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+K2s)	X-(Fc+K1s)/1.4
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+K2s)	X-(Fc+K1s)/1.4
1434210	601.002.022 Concrete, Class DC	03/20/2017	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												