



# West Virginia Department of Transportation

## PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 07

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

Last Inspection: 03/08/2019

Sticker Expires: 9/8/2019

Standard Deviation: 686.56

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434200	601.002.003 Concrete, Class B		2.87	2.87	34	3000	1.5	3	648.83	3973.24	< 4799.41	< 4946.49
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1434200	601.002.003 Concrete, Class B		2.87	2.63	16	3000	1.543	3.233	471.37	6043.75	> 4523.94	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1434200	601.002.003 Concrete, Class B		2.87	2.87	29	3000	1.503	3.016	794.41	4194	< 4881.38	< 5395.94
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)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1434211	601.002.001 Concrete, Class A		3.47	3.47	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434211	601.002.001 Concrete, Class A		3.47	3.47	11	3500	1.588	3.51	1102.13	5250.18	< 6021.45	< 7368.48
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Less than 2 inches</b>												
1434213	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434213	601.002.003 Concrete, Class B		2.87	2.63	23	3000	1.515	3.081	657.03	5497.83	> 5024.31	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434213	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
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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434225	601.002.004 Concrete, Class B Modified		3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436444	601.002.013 Concrete, Class H		3.45	3.45	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463308	601.002.001 Concrete, Class A	03/09/2019	3.49	3.49	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463317	601.002.015 Concrete, Class K	03/09/2019	3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463322	601.002.003 Concrete, Class B	03/09/2019	2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02

Plant Name: ATA1.01.601 Adams Trucking And Supply @ Barboursville, W

Last Inspection: 02/06/2019

Sticker Expires: 8/6/2019

Standard Deviation: 583.44

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

1424602	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
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**Last Two Years of Data Slump Greater than or equal to 2 inches**

1424606	601.002.013 Concrete, Class H		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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1424607	601.002.015 Concrete, Class K	03/20/2019	3.36	3.36	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 09 Plant Name: BMC1.01.601 Central Supply F-9 @ Summersville, WV  
 Last Inspection: 06/03/2019 Sticker Expires: 12/3/2019 Standard Deviation: 899.74 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
1432574	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)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1432590	601.002.003 Concrete, Class B	06/19/2019	2.87	2.87	20	3000	1.525	3.13	1021.17	4557.28	< 4998	< 6196.26
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1432590	601.002.003 Concrete, Class B	06/19/2019	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)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1434175	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: 8/7/2019

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

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

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

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

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

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

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

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



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463336	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: 8/7/2019

District: 10

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

Last Inspection: 11/14/2018

Sticker Expires: 5/14/2019

Standard Deviation: 650.00

Rating: 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 One Year of Data Slump Greater than or equal to 2 inches**

1432577	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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**Last One Year of Data Slump Less than 2 inches**

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1436468	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436469	601.002.013 Concrete, Class H		3.45	3.45	4							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455007	601.002.022 Concrete, Class DC		3.61	3.61	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463203	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)
1463303	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	( $F_c+K_1s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )
1465014	601.002.013 Concrete, Class H		3.35	3.35	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 10

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

Last Inspection: 05/15/2019

Sticker Expires: 11/15/2019

Standard Deviation: 631.39

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1432575	601.002.003		2.87	2.63	27	3000	1.507	3.034	479.22	4923.33	> 4453.95	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1432575	601.002.003		2.87	2.87	5							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1432575	601.002.003		2.87	2.63	78	3000	1.5	3	688.87	5459.23	> 5066.61	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1432575	601.002.003		2.87	2.87	4							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1434181	601.002.003 Concrete, Class B		2.87	2.87	66	3000	1.5	3	663.31	3994.96 <	4311.17 <	4989.93
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

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

1434181	601.002.003 Concrete, Class B		2.87	2.87	66	3000	1.5	3	663.31	3994.96 <	4311.17 <	4989.93
					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)
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**Last Two Years 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1455001	601.002.013 Concrete, Class H	05/13/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

1455005	601.002.022 Concrete, Class DC		3.61	3.61	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K1$ )	Factor ( $K2$ )	Standard Deviation ( $s$ )	( $F_c+K1s$ )	Average Strength( $X$ )	( $F_c+K2s$ )
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463301	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( $F_c$ )	Factor ( $K1$ )	Factor ( $K2$ )	Standard Deviation ( $s$ )	( $F_c+K1s$ )	Average Strength( $X$ )	( $F_c+K2s$ )
1463344	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: 8/7/2019

District: 10

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

Last Inspection: 05/15/2019

Sticker Expires: 11/15/2019

Standard Deviation: 168.80

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

1432576	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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1434169	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

**Last One Year of Data Slump Less than 2 inches**

1434182	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1434182	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463302	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463302	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)
1465013	601.002.013 Concrete, Class H		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Last Inspection: 06/05/2019 Sticker Expires: 12/5/2019 Standard Deviation: 903.89 Rating: A-1

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

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

1432591	601.002.003 Concrete, Class B	06/19/2019	2.87	2.87	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1432591	601.002.003 Concrete, Class B	06/19/2019	2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1434176	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1434176	601.002.015 Concrete, Class K		3.35	3.35	10	4000	1.604	3.615	1033.9	5658.38	< 7438	< 7737.55
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

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

1434176	601.002.015 Concrete, Class K		3.35	3.35	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1434221	601.002.003 Concrete, Class B		2.87	2.63	23	3000	1.515	3.081	804.3	5546.52	> 5478.05	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

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

1434221	601.002.003 Concrete, Class B		2.87	2.63	23	3000	1.515	3.081	804.3	5546.52	> 5478.05	= 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
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1436459	601.002.023 Concrete, Class H-IC	02/19/2018	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
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**Last Two Years of Data Slump Greater than or equal to 2 inches**

1436466	601.002.013 Concrete, Class H		3.45	3.45	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1436466	601.002.013 Concrete, Class H		3.45	3.45	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1459801	679.002.002 Concrete, Microsilica		3.82	3.82	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1459810	601.002.002 Concrete, Class A Modified		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+K2s)	X-(Fc+K1s)/1.4
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1461849	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
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1463335	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
1465019	601.002.004 Concrete, Class B Modified		3.12	3.12	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 10 Plant Name: BMC1.06.601 Central Supply F-14 @ Beckley, WV  
 Last Inspection: 05/15/2019 Sticker Expires: 11/15/2019 Standard Deviation: 694.26 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)
1424532	679.002.002 Concrete, Microsilica	02/25/2018	3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1432573	601.002.003 Concrete, Class B		2.87	2.87	25	3000	1.511	3.055	893.41	4349.94 <	4876.8 <	5729.37
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1432573	601.002.003 Concrete, Class B		2.87	2.87	146	3000	1.5	3	817.62	4226.43 <	4590 <	5452.86
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Less than 2 inches</b>												
1432573	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1432573	601.002.003 Concrete, Class B		2.87	2.87	116	3000	1.5	3	569.92	3854.88 <	4499.16 <	4709.76
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432589	601.002.003 Concrete, Class B	06/19/2019	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1434174	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**

1434174	601.002.015 Concrete, Class K		3.35	3.35	6							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1436460	601.002.023 Concrete, Class H-IC	02/14/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

1436464	601.002.013 Concrete, Class H		3.45	3.45	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1436464	601.002.013 Concrete, Class H		3.45	3.45	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459835	601.002.004 Concrete, Class B Modified	06/06/2019	3.24	3.24	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461847	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
<b>Last One Year of Data Slump Less than 2 inches</b>												
1463298	601.002.003 Concrete, Class B		2.87	2.87	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463298	601.002.003 Concrete, Class B		2.87	2.63	27	3000	1.507	3.034	617.29	5134.63	> 4872.86	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463298	601.002.003 Concrete, Class B		2.87	2.87	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 03

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

Last Inspection: 06/26/2019

Sticker Expires: 12/26/2019

Standard Deviation: 670.35

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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1398978	601.002.013 Concrete, Class H	12/29/2018	3.23	3.23	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436396	601.002.003 Concrete, Class B		2.87	2.87	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436396	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
1455072	601.002.022 Concrete, Class DC	06/21/2019	3.74	3.74	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461784	679.002.002 Concrete, Microsilica		3.85	3.85	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461812	601.002.003 Concrete, Class B		2.87	2.63	36	3000	1.5	3	613.08	5342.22	> 4839.24	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
1461812	601.002.003 Concrete, Class B		2.87	2.87	64	3000	1.5	3	720.33	4080.5	< 5139.38	< 5160.99
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 03 Plant Name: CCC1.02.601 Cardinal Concrete F-2 @ Parkersburg, WV  
 Last Inspection: 06/27/2019 Sticker Expires: 12/27/2019 Standard Deviation: 764.37 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1432578	601.002.003 Concrete, Class B	06/07/2019	2.92	2.92	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1432578	601.002.003 Concrete, Class B	06/07/2019	2.92	2.68	34	3000	1.5	3	780.47	5545.59	> 5341.41	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1432578	601.002.003 Concrete, Class B	06/07/2019	2.92	2.92	29	3000	1.503	3.016	724.08	4088.29	< 4430.34	< 5183.83
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1432579	601.002.003 Concrete, Class B	06/07/2019	2.89	2.89	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)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455049	601.002.015 Concrete, Class K	02/11/2019	3.59	3.59	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459845	601.002.013 Concrete, Class H	12/29/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461785	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461813	601.002.003 Concrete, Class B		2.87	2.87	13	3000	1.565	3.365	816.41	4277.68	< 5605.38	< 5747.22
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)
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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: 8/7/2019

District: 04 Plant Name: CCC1.03.601 Cardinal Concrete F-3 @ Bridgeport, WV  
 Last Inspection: 03/18/2019 Sticker Expires: 9/18/2019 Standard Deviation: 638.26 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
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1434187	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434187	601.002.003 Concrete, Class B		2.87	2.87	71	3000	1.5	3	649.18	3973.77	< 4795.44	< 4947.54
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434187	601.002.003 Concrete, Class B		2.87	2.63	38	3000	1.5	3	429.29	4544.45	> 4287.87	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434187	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434188	601.002.015 Concrete, Class K		3.35	3.35	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1434188	601.002.015 Concrete, Class K		3.35	3.35	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434188	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436458	601.002.004 Concrete, Class B Modified	01/28/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455051	601.002.013 Concrete, Class H		3.45	3.45	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1455051	601.002.013 Concrete, Class H		3.45	3.45	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1455051	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)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455080	601.002.022 Concrete, Class DC	07/18/2019	3.74	3.74	16	4500	1.543	3.233	807.55	5746.05	< 6641.25	< 7110.81
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1455080	601.002.022 Concrete, Class DC	07/18/2019	3.74	3.74	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 04

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

Last Inspection: 03/06/2019

Sticker Expires: 9/6/2019

Standard Deviation: 654.76

Rating: A-1

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

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

1432544    601.002.013    **05/09/2019**    3.45    3.45    6  
 Concrete, Class H

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

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

1432553    679.002.002    **05/09/2019**    3.82    3.82    2  
 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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**Last One Year of Data Slump Greater than or equal to 2 inches**

1434196    601.002.003       2.87    2.87    8  
 Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

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

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.87	6							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.87	122	3000	1.5	3	646.66	3969.99	< 4810.16	< 4939.98
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.63	11	3000	1.588	3.51	631.02	6190.91	> 5214.88	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.87	27	3000	1.507	3.034	528.45	3796.37	< 4491.67	< 4603.32
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434199	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436403	601.002.015 Concrete, Class K		3.35	3.35	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436403	601.002.015 Concrete, Class K		3.35	3.35	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455036	601.002.022 Concrete, Class DC		3.58	3.58	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1463247	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1463248	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1463249	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: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463312	601.002.015 Concrete, Class K		0	0	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463313	601.002.003 Concrete, Class B		2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 04

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

Last Inspection: 03/07/2019

Sticker Expires: 9/7/2019

Standard Deviation: 690.54

Rating: A-1

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

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

1432523	601.002.003 Concrete, Class B		2.87	2.87	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1432547	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)
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1432552	679.002.002 Concrete, Microsilica	05/09/2019	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)
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**Last One Year of Data Slump Greater than or equal to 2 inches**

1434192	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1434193	601.002.003 Concrete, Class B		2.87	2.87	8							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434193	601.002.003 Concrete, Class B		2.87	2.87	51	3000	1.5	3	804.99	4207.48	< 5146.45	< 5414.97
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1434193	601.002.003 Concrete, Class B		2.87	2.63	15	3000	1.549	3.27	661.41	5765.73	> 5162.81	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434193	601.002.003 Concrete, Class B		2.87	2.63	18	3000	1.533	3.175	617.58	4992.22	> 4960.82	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434193	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
1434195	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
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436406	601.002.015 Concrete, Class K		3.35	3.35	18	4000	1.533	3.175	753.53	5155.16	< 5959.22	< 6392.46
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
1436406	601.002.015 Concrete, Class K		3.35	3.35	23	4000	1.515	3.081	637.69	4966.1	< 5800.87	< 5964.72
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)
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)
1458961	601.002.016 Concrete, Class K Modified		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459833	501.002.003 Concrete, Roller Compacted		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463260	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463267	601.002.003 Concrete, Class B		2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463310	601.002.015 Concrete, Class K		3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 08

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

Last Inspection: 03/05/2019

Sticker Expires: 9/5/2019

Standard Deviation: 623.62

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)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434201	601.002.003 Concrete, Class B		2.87	2.87	82	3000	1.5	3	678.05	4017.08 <	4681.95 <	5034.15
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434201	601.002.003 Concrete, Class B		2.87	2.87	82	3000	1.5	3	678.05	4017.08 <	4681.95 <	5034.15
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1434201	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434201	601.002.003 Concrete, Class B		2.87	2.87	47	3000	1.5	3	716.72	4075.08 <	5103.19 <	5150.16
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434201	601.002.003 Concrete, Class B		2.87	2.87	11	3000	1.588	3.51	699.15	4110.25 <	5085.45 <	5454.02
					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)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1434212	601.002.001 Concrete, Class A		3.47	3.47	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434212	601.002.001 Concrete, Class A		3.47	3.47	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1434214	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1434214	601.002.003 Concrete, Class B		2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1434218	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1436389	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Less than 2 inches</b>												
1436389	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436389	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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436443	601.002.013 Concrete, Class H		3.45	3.45	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436443	601.002.013 Concrete, Class H		3.45	3.45	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1436443	601.002.013 Concrete, Class H		3.45	3.21	16	4000	1.543	3.233	509.58	7233.12	> 5647.47	= 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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459834	601.002.004 Concrete, Class B Modified		3.37	3.13	18	4000	1.533	3.175	479.61	6170	> 5522.76	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1459834	601.002.004 Concrete, Class B Modified		3.37	3.13	30	4000	1.501	3.008	672.99	6276.33	> 6024.35	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1459834	601.002.004 Concrete, Class B Modified		3.37	3.37	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
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1459837	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461800	679.002.002 Concrete, Microsilica		3.82	3.82	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461800	679.002.002 Concrete, Microsilica		3.82	3.82	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
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461845	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
1463305	601.002.001 Concrete, Class A	03/09/2019	3.49	3.49	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463314	601.002.015 Concrete, Class K	03/09/2019	3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463319	601.002.003 Concrete, Class B	03/09/2019	2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

<i>Mix Design Number</i>	<i>Material Code / Class of Mix</i>	<i>Expired Date</i>	<i>Approved Cement Factor</i>	<i>Adjusted Cement Factor</i>	<i>Pieces of Data</i>	<i>Design Strength(Fc</i>	<i>Factor (K1)</i>	<i>Factor (K2)</i>	<i>Standard Deviation (s)</i>	<i>Average Strength(X)</i>	<i>(Fc+K2s)</i>	<i>X-(Fc+K1s)/1.4</i>
1465016	601.002.004 Concrete, Class B Modified		2.87	2.87	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 07

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

Last Inspection: 03/11/2019

Sticker Expires: 9/11/2019

Standard Deviation: 603.64

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

1434202    601.002.003                         2.87                      2.63                      31                      3000                      1.5                      3                      606.89                      5137.42 > 4820.67 = 0.24

Concrete, Class B

DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
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**Last One Year of Data Slump Greater than or equal to 2 inches**

1434202    601.002.003                         2.87                      2.87                      10                      3000                      1.604                      3.615                      757.35                      4214.79 < 4893 < 5737.82

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

1434215    601.002.003                         2.87                      2.87                      6

Concrete, Class B

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

1434219    601.002.015                         3.35                      3.35                      1

Concrete, Class K

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

Effective Date: 8/7/2019

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

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

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436390	601.002.015 Concrete, Class K		3.35	3.35	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436414	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436446	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455045	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
1458980	679.002.002 Concrete, Microsilica		3.82	3.58	21	4000	1.521	3.112	568.29	8137.62	> 5768.52	= 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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459840	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
1463307	601.002.001 Concrete, Class A	03/09/2019	3.49	3.49	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463316	601.002.015 Concrete, Class K	03/09/2019	3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463321	601.002.003 Concrete, Class B	03/09/2019	2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 07

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

Last Inspection: 03/11/2019

Sticker Expires: 9/11/2019

Standard Deviation: 431.39

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1434203	601.002.003 Concrete, Class B		2.87	2.87	11	3000	1.588	3.51	624.63	3991.91	< 4246.36	< 5192.45
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1434203	601.002.003 Concrete, Class B		2.87	2.87	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1434203	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1434203	601.002.003 Concrete, Class B		2.87	2.87	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434216	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434220	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: 8/7/2019

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

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

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436391	601.002.015 Concrete, Class K		3.35	3.35	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Less than 2 inches</b>												
1436391	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436415	601.002.001 Concrete, Class A		3.47	3.47	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436445	601.002.013 Concrete, Class H		3.45	3.45	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455044	601.002.022 Concrete, Class DC		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)
1458979	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459839	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459843	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463306	601.002.001 Concrete, Class A	03/09/2019	3.49	3.49	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463315	601.002.015 Concrete, Class K	03/09/2019	3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463320	601.002.003 Concrete, Class B	03/09/2019	2.88	2.88	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 03

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

Last Inspection: 03/06/2019

Sticker Expires: 9/6/2019

Standard Deviation: 602.47

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**

1458974      601.002.001           3.47      2.62      12      3000      1.576      3.429      532.95      5358.33 > 4827.49 = 0.24

Concrete, Class A

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
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1458975      601.002.003

2.87

2.87

0

Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

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

1458976      601.002.003           2.86      2.86      7

Concrete, Class B

MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

1458976      601.002.003           2.86      2.62      12      3000      1.576      3.429      532.95      5358.33 > 4827.49 = 0.24

Concrete, Class B

DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458977	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
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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459812	679.002.002 Concrete, Microsilica		3.82	3.82	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463246	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463309	601.002.001 Concrete, Class A	03/09/2019	3.49	3.49	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463318	601.002.015 Concrete, Class K	03/09/2019	3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463323	601.002.003 Concrete, Class B	03/09/2019	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
1464653	601.002.022 Concrete, Class DC	11/24/2018	3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 08

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

Last Inspection: 04/18/2019

Sticker Expires: 10/18/2019

Standard Deviation: 619.24

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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461833	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461835	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461836	601.002.003 Concrete, Class B		2.86	2.86	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461837	601.002.004 Concrete, Class B Modified		3.37	3.37	14	5300	1.557	3.313	685.48	6367.29	< 6553.57	< 7571
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1461837	601.002.004 Concrete, Class B Modified		3.37	3.37	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465015	601.002.004 Concrete, Class B Modified		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)
1465021	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: 8/7/2019

District: 01

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

Last Inspection: 03/12/2019

Sticker Expires: 9/12/2019

Standard Deviation: 650.00

Rating: A-1

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455053	601.002.022 Concrete, Class DC	03/13/2019	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)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461805	601.002.003 Concrete, Class B		2.95	2.95	5							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02 Plant Name: CSC2.02.601 Claxton Smith Concrete F-2 @ Culloden, WV  
 Last Inspection: 04/25/2019 Sticker Expires: 10/25/2019 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)
1436472	501.002.001 Concrete, Pavement	04/21/2018	3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455054	601.002.022 Concrete, Class DC	03/13/2019	3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 03/11/2019

Sticker Expires: 9/11/2019

Standard Deviation: 683.11

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)
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	03/13/2019	3.74	3.74	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461803	601.002.003 Concrete, Class B		2.96	2.96	15	3000	1.549	3.27	677.7	4049.76 <	4384.67 <	5216.08
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461803	601.002.003 Concrete, Class B		2.96	2.96	15	3000	1.549	3.27	677.7	4049.76 <	4384.67 <	5216.08
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461803	601.002.003 Concrete, Class B		2.96	2.96	29	3000	1.503	3.016	709.46	4066.32 <	4502.07 <	5139.73
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

District: 06

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

Last Inspection: 03/19/2019

Sticker Expires: 9/19/2019

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)
<b>Last One Year of Data Slump Less than 2 inches</b>												
1399046	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1399046	601.002.003 Concrete, Class B		2.87	2.87	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 05

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

Last Inspection: 04/03/2019

Sticker Expires: 10/3/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1458943	601.002.003 Concrete, Class B		2.87	2.87	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
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: 8/7/2019

District: 10

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

Last Inspection: 05/10/2019

Sticker Expires: 11/10/2019

Standard Deviation: 538.94

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**

1458992	601.002.003 Concrete, Class B		2.87	2.87	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1458992	601.002.003 Concrete, Class B		2.87	2.87	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1458993	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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**Last Two Years of Data Slump Greater than or equal to 2 inches**

1459836	601.002.022 Concrete, Class DC		3.74	3.74	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1461802	601.002.013 Concrete, Class H		3.45	3.45	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1461802	601.002.013 Concrete, Class H		3.45	3.45	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1463296	601.002.003 Concrete, Class B	06/06/2019	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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1463297	601.002.013 Concrete, Class H	03/19/2018	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)
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1463299	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463300	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: 8/7/2019

District: 10

Plant Name: ECI1.01.601 Eastern Concrete Pinville WV

Last Inspection: 04/15/2019

Sticker Expires: 10/15/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1463324      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)
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1463325      501.002.001  
Concrete, Pavement

2.87                      2.87

0  
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1463326      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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1463327      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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463328	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)
1465023	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)
1465024	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 01/04/2019

Sticker Expires: 7/4/2019

Standard Deviation: 501.77

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)
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)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459811	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	8							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1459811	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	17	3000	1.538	3.202	492.25	3757.08	< 4440	< 4576.18
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459827	601.002.013 Concrete, Class H		3.45	3.45	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461842	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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465029	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465032	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)
1465037	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)
1465042	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)
1465047	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K1$ )	Factor ( $K2$ )	Standard Deviation ( $s$ )	( $F_c+K1s$ )	Average Strength( $X$ )	( $F_c+K2s$ )
1465052	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( $F_c$ )	Factor ( $K1$ )	Factor ( $K2$ )	Standard Deviation ( $s$ )	( $F_c+K1s$ )	Average Strength( $X$ )	( $F_c+K2s$ )
1465061	601.002.022 Concrete, Class DC		3.72	3.72	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 06

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

Last Inspection: 05/15/2019

Sticker Expires: 11/15/2019

Standard Deviation: 611.08

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

1455087      601.002.013      **07/26/2019**      3.45      3.45      5  
 Concrete, Class H

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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1455089      601.002.015           3.35      3.35      0  
 Concrete, Class K

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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1458939      679.002.002           3.82      3.82      0  
 Concrete, Microsilica

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

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Less than 2 inches</b>												
1461780	601.002.015 Concrete, Class K		3.41	3.41	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461780	601.002.015 Concrete, Class K		3.41	3.41	3							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1461780	601.002.015 Concrete, Class K		3.41	3.41	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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461798	601.002.003 Concrete, Class B		2.87	2.87	6							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Less than 2 inches</b>												
1461798	601.002.003 Concrete, Class B		2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461798	601.002.003 Concrete, Class B		2.87	2.87	39	3000	1.5	3	637.21	3955.82	< 4219.49	< 4911.63
						MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26						
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1461798	601.002.003 Concrete, Class B		2.87	2.87	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1461798	601.002.003 Concrete, Class B		2.87	2.63	32	3000	1.5	3	483.53	5242.19	> 4450.59	= 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: 8/7/2019

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

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

1461823	601.002.022 Concrete, Class DC		3.75	3.75	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1461823	601.002.022 Concrete, Class DC		3.75	3.75	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
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**Last One Year of Data Slump Greater than or equal to 2 inches**

1463259	601.002.013 Concrete, Class H		3.45	3.45	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 06

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

Last Inspection: 05/15/2019

Sticker Expires: 11/15/2019

Standard Deviation: 738.37

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	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**

1461779	601.002.022 Concrete, Class DC		3.75	3.75	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1461779	601.002.022 Concrete, Class DC		3.75	3.75	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

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

**Last One Year of Data Slump Less than 2 inches**

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1461799	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461799	601.002.003 Concrete, Class B		2.87	2.87	20	3000	1.525	3.13	569.48	3868.46	< 4628	< 4782.47
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1461799	601.002.003 Concrete, Class B		2.87	2.87	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461799	601.002.003 Concrete, Class B		2.87	2.87	40	3000	1.5	3	738.82	4108.23	< 4691.75	< 5216.46
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1461799	601.002.003 Concrete, Class B		2.87	2.87	5							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463258	601.002.013 Concrete, Class H		3.45	3.45	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463258	601.002.013 Concrete, Class H		3.45	3.45	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465018	601.002.013 Concrete, Class H	07/27/2019	3.45	3.45	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 03/05/2019

Sticker Expires: 9/5/2019

Standard Deviation: 619.18

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)
1424567	601.002.004 Concrete, Class B Modified	03/11/2019	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)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1424572	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1424572	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	80	3000	1.5	3	604.92	3907.38	< 4756.38	< 4814.76
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1424572	601.002.003 Concrete, Class B	03/11/2019	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)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1424599	601.002.013 Concrete, Class H		3.45	3.45	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1436421	601.002.003 Concrete, Class B		2.87	2.63	11	3000	1.588	3.51	627.6	5350	> 5202.88	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436421	601.002.003 Concrete, Class B		2.87	2.87	63	3000	1.5	3	707.82	4061.73	< 5057.78	< 5123.46
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436421	601.002.003 Concrete, Class B		2.87	2.87	21	3000	1.521	3.112	599.45	3911.76	< 4335.24	< 4865.49
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1436421	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1436421	601.002.003 Concrete, Class B		2.87	2.63	10	3000	1.604	3.615	517.95	5661	> 4872.39	= 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
1436426	601.002.022 Concrete, Class DC		3.73	3.73	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455029	601.002.014 Concrete, Class H Modified	09/03/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1458948	601.002.015 Concrete, Class K		3.83	3.83	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1459006	601.002.015 Concrete, Class K		3.39	3.39	15	4000	1.549	3.27	550.1	4852.1	< 4979.33	< 5798.83
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26												

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

1459006	601.002.015 Concrete, Class K		3.39	3.39	20	4000	1.525	3.13	637	4767.5	< 4971.42	= 0
INCREASE CEMENT FACTOR BY 0 PER SECTION 3.3 OF MP 711.03.26												

**Last Three Months of Data Slump Less than 2 inches**

1459006	601.002.015 Concrete, Class K		3.39	3.39	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
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**Last Two Years of Data Slump Greater than or equal to 2 inches**

1459828	601.002.013 Concrete, Class H		3.45	3.21	51	4000	1.5	3	664.67	7509.41	> 5994.01	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

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

1459828	601.002.013 Concrete, Class H		3.45	3.21	34	4000	1.5	3	627.74	7586.47	> 5883.22	= 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: 8/7/2019

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1461792	601.002.003 Concrete, Class B		2.87	2.87	32	3000	1.5	3	525.56	3788.34	< 4069.06	< 4576.68
						MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26						
<b>Last One Year of Data Slump Less than 2 inches</b>												
1461792	601.002.003 Concrete, Class B		2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461792	601.002.003 Concrete, Class B		2.87	2.87	44	3000	1.5	3	699.75	4049.62	< 4202.27	< 5099.25
						MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26						
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1461792	601.002.003 Concrete, Class B		2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1461792	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)
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: 8/7/2019

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

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

1461839	601.002.015 Concrete, Class K		3.35	3.35	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1461839	601.002.015 Concrete, Class K		3.35	3.35	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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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1465027	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)
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1465030	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)
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1465034	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465039	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)
1465044	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)
1465049	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)
1465058	601.002.022 Concrete, Class DC		3.72	3.72	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 03

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

Last Inspection: 02/14/2019

Sticker Expires: 8/14/2019

Standard Deviation: 554.38

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1436399	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1436399	601.002.003 Concrete, Class B		2.87	2.87	72	3000	1.5	3	635.14	3952.71 <	4121.39 <	4905.42
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1436399	601.002.003 Concrete, Class B		2.87	2.87	52	3000	1.5	3	463.57	3695.36 <	4003.85 <	4390.71
					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)
1455027	601.002.023 Concrete, Class H-IC	09/07/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455050	601.002.022 Concrete, Class DC	02/21/2019	3.73	3.73	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463257	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
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463304	601.002.003 Concrete, Class B		2.87	2.87	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465020	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
1465053	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
1465054	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
1465055	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
1465056	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: 8/7/2019

District: 01

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

Last Inspection: 03/15/2019

Sticker Expires: 9/15/2019

Standard Deviation: 520.48

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 Less than 2 inches**

1424571	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1424571	601.002.003 Concrete, Class B	03/11/2019	2.87	2.87	16	3000	1.543	3.233	650.44	4003.63 <	4785.62 <	5102.87
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)
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1424600	601.002.013 Concrete, Class H	02/13/2019	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)
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1432540	679.002.002 Concrete, Microsilica		3.82	3.82	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

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

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

1436420	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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1436453	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)
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1436478	601.002.016 Concrete, Class K Modified	04/20/2018	4.07	4.07	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1455088	679.002.002 Concrete, Microsilica	07/27/2019	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)
1458950	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1459008	601.002.015 Concrete, Class K		3.39	3.39	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
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1459826	601.002.013 Concrete, Class H		3.45	3.21	15	4000	1.549	3.27	394.28	9060	> 5289.3	= 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
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1459830	601.002.013 Concrete, Class H		3.45	3.45	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461841	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
1465025	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
1465026	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
1465033	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465038	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
1465043	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
1465048	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
1465057	601.002.022 Concrete, Class DC		3.72	3.72	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02

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

Last Inspection: 05/09/2019

Sticker Expires: 11/9/2019

Standard Deviation: 650.00

Rating: A-1

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463334	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465028	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
1465031	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
1465036	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
1465041	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465046	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
1465051	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
1465060	601.002.022 Concrete, Class DC		3.72	3.72	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 03/05/2019

Sticker Expires: 9/5/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458949	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
<b>Last One Year of Data Slump Less than 2 inches</b>												
1459007	601.002.015 Concrete, Class K		3.39	3.39	5							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

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

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

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461840	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
1465035	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
1465040	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
1465045	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465050	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
1465059	601.002.022 Concrete, Class DC		3.72	3.72	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 05

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

Last Inspection: 03/12/2019

Sticker Expires: 9/12/2019

Standard Deviation: 817.17

Rating: A-1

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

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

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421097	601.002.004 Concrete, Class B Modified	06/20/2019	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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1421098	601.002.003 Concrete, Class B		2.86	2.62	12	3000	1.576	3.429	609.72	6725.25	> 5090.73	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1421098	601.002.003 Concrete, Class B		2.86	2.86	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1421100	601.002.015 Concrete, Class K		3.33	3.33	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1421100	601.002.015 Concrete, Class K		3.33	3.33	9							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1421100	601.002.015 Concrete, Class K		3.33	3.33	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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1421102	601.002.013 Concrete, Class H		3.44	3.2	12	4000	1.576	3.429	709.29	7720.83	> 6432.16	= 0.24
					DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
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	06/07/2019	2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455035	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455046	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455076	601.002.003 Concrete, Class B	07/17/2019	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
1458971	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463272	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463275	601.002.003 Concrete, Class B		2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463275	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
1463278	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463281	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 08 Plant Name: FCC1.02.601 Fairfax Concrete F-2 @ Oakland, MD  
 Last Inspection: 03/13/2019 Sticker Expires: 9/13/2019 Standard Deviation: 650.00 Rating: A-1

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

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

1424543	601.002.015 Concrete, Class K		3.33	3.33	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1424584	601.002.003 Concrete, Class B	03/11/2019	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
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**Last One Year of Data Slump Greater than or equal to 2 inches**

1432582	601.002.003 Concrete, Class B	06/07/2019	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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1455034	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455048	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455075	601.002.003 Concrete, Class B	07/17/2019	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
1458973	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
1463274	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463277	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
1463280	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463283	601.002.013 Concrete, Class H		3.44	3.44	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 08

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

Last Inspection: 03/13/2019

Sticker Expires: 9/13/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1424542	601.002.015 Concrete, Class K		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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1424583	601.002.013 Concrete, Class H		3.44	3.44	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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1432580	601.002.003 Concrete, Class B	06/07/2019	2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1432580	601.002.003 Concrete, Class B	06/07/2019	2.87	2.87	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455033	601.002.023 Concrete, Class H-IC	10/14/2018	3.46	3.46	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455047	601.002.023 Concrete, Class H-IC	01/27/2019	3.43	3.43	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455074	601.002.003 Concrete, Class B	07/17/2019	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
1458972	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463273	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
1463276	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463279	601.002.015 Concrete, Class K		3.35	3.35	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463282	601.002.013 Concrete, Class H		3.44	3.44	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 05 Plant Name: FCC1.05.601 Allegany Concrete F-5 W Short Gap WV (Transit)  
 Last Inspection: 03/07/2019 Sticker Expires: 9/7/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436470	601.002.023 Concrete, Class H-IC	04/02/2018	3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455028	601.002.023 Concrete, Class H-IC	09/07/2018	3.46	3.46	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1461806	601.002.004 Concrete, Class B Modified		3.34	3.34	1							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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**Last One Year of Data Slump Less than 2 inches**

1461807	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1461807	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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1461808	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1463284	601.002.013 Concrete, Class H		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 09

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

Last Inspection: 06/07/2019

Sticker Expires: 12/7/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459803	601.002.003 Concrete, Class B		2.87	2.87	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
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
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1459816	601.002.003 Concrete, Class B		2.87	2.87	2							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1459816	601.002.003 Concrete, Class B		2.87	2.87	3							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463268	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
1463270	601.002.013 Concrete, Class H		3.47	3.47	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 10

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

Last Inspection: 03/04/2019

Sticker Expires: 9/4/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455052	601.002.003 Concrete, Class B	02/28/2019	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463261	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463262	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463339	601.002.003 Concrete, Class B		3.23	3.23	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463340	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
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463341	601.002.003 Concrete, Class B		3.23	3.23	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
1463342	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: 8/7/2019

District: 10 Plant Name: KCX1.03.601 Kokosing Construction Company F-3 @ Sophia,  
 Last Inspection: 06/13/2019 Sticker Expires: 12/13/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463343	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465017	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465062	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465063	501.002.001 Concrete, Pavement		2.88	2.88	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02

Plant Name: LCC1.01.601 Logan Concrete F-1 @ Logan, WV

Last Inspection: 01/29/2019

Sticker Expires: 7/29/2019

Standard Deviation: 650.00

Rating: B

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

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

1455065	601.002.003 Concrete, Class B	03/22/2019	2.89	2.89	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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1455066	601.002.015 Concrete, Class K	03/21/2019	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
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1455067	601.002.022 Concrete, Class DC	03/22/2019	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
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1455068	601.002.013 Concrete, Class H	03/21/2019	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461782	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
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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461850	501.002.001 Concrete, Pavement		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461852	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 01/28/2019

Sticker Expires: 7/28/2019

Standard Deviation: 563.86

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

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

1436410	601.002.015 Concrete, Class K		3.35	3.35	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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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)
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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: 8/7/2019

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

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

1455030	601.002.013 Concrete, Class H		3.45	3.45	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

1461811	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1461811	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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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**Last One Year of Data Slump Less than 2 inches**

1461815	601.002.015 Concrete, Class K		3.36	3.36	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1461815	601.002.015 Concrete, Class K		3.36	3.36	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement 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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1461819	601.002.022 Concrete, Class DC		3.74	3.74	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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1461851	501.002.001 Concrete, Pavement		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

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

1461853	601.002.013 Concrete, Class H		3.45	3.45	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

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

Last Inspection: 04/02/2019

Sticker Expires: 10/2/2019

Standard Deviation: 485.91

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)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1458937	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1458937	601.002.003 Concrete, Class B		2.87	2.87	12	3000	1.576	3.429	659.84	4039.91	< 4615	< 5262.59
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1458937	601.002.003 Concrete, Class B		2.87	2.87	1							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1458937	601.002.003 Concrete, Class B		2.87	2.87	43	3000	1.5	3	444.17	3666.26	< 4226.05	< 4332.51
					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)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1458938	601.002.015 Concrete, Class K		3.35	3.35	4							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
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: 8/7/2019

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

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

1458994	601.002.003 Concrete, Class B		4.07	4.07	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1458994	601.002.003 Concrete, Class B		4.07	4.07	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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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
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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
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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: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459825	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463252	601.002.015 Concrete, Class K		3.37	3.37	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463253	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463254	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463255	601.002.003 Concrete, Class B		2.89	2.89	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463256	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

**District:** 09      **Plant Name:** PCI1.01.601 Pro Contracting INC

**Last Inspection:** 02/14/2019      **Sticker Expires:** 8/14/2019      **Standard Deviation:** 650.00      **Rating:** A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463295	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: 8/7/2019

District: 01

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

Last Inspection: 04/02/2019

Sticker Expires: 10/2/2019

Standard Deviation: 593.21

Rating: A-1

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

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

1455041 601.002.016 **11/18/2018** 3.35 3.35  
Concrete, Class K Modified

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

1455099 501.002.002 3.35 3.35  
Concrete, Pavement HES

5  
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

1455099 501.002.002 3.35 3.11  
Concrete, Pavement HES

12 3000 1.576 3.429 117.33 8587.5 > 3402.32 = 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)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
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**Last Two Years of Data Slump Greater than or equal to 2 inches**

1458929 601.002.003 2.87 2.87  
Concrete, Class B

27 3000 1.507 3.034 823.93 4241.66 < 4902.59 < 5499.8  
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

**Last One Year of Data Slump Less than 2 inches**

1458929 601.002.003 2.87 2.87  
Concrete, Class B

5  
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

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

1458929 601.002.003 2.87 2.87  
Concrete, Class B

7  
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458931	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458933	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458935	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1458962	601.002.003 Concrete, Class B		2.87	2.87	3							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1458962	601.002.003 Concrete, Class B		2.87	2.87	6							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Less than 2 inches</b>												
1458962	601.002.003 Concrete, Class B		2.87	2.87	2							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1458962	601.002.003 Concrete, Class B		2.87	3.87	15	4300	1.549	3.27	743.61	4272.67	< 5451.85	= 1
					INCREASE CEMENT FACTOR BY 1 PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458964	601.002.022 Concrete, Class DC		3.59	3.59	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458966	601.002.024 Concrete, Class B w/ Fly Ash		3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458968	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458984	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458988	501.002.002 Concrete, Pavement HES		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_1s$ )	( $F_c+K_1s$ )- $X/1.4$ Increase
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: 8/7/2019

District: 01

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

Last Inspection: 10/05/2018

Sticker Expires: 4/5/2019

Standard Deviation: 650.00

Rating: B

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1455100	501.002.002 Concrete, Pavement HES		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1458930	601.002.003 Concrete, Class B		2.87	2.87	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458934	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458936	601.002.013 Concrete, Class H		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458963	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458965	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458967	601.002.024 Concrete, Class B w/ Fly Ash		3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458969	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
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)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458989	501.002.002 Concrete, Pavement HES		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/1.4 Increase
1458991	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

**District:** 03      **Plant Name:** SCC1.01.601 Smith Concrete F-1 @ Porterfield, OH  
**Last Inspection:** 11/30/2018      **Sticker Expires:** 5/30/2019      **Standard Deviation:** 451.01      **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
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1455069	601.002.003 Concrete, Class B	04/03/2019	2.89	2.89	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455069	601.002.003 Concrete, Class B	04/03/2019	2.89	2.65	22	3000	1.518	3.096	430.07	4391.82	> 4331.5	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1455069	601.002.003 Concrete, Class B	04/03/2019	2.89	2.89	4							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463289	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 03

Plant Name: SCC1.02.601 Smith Concrete F-2 @ Reno, OH

Last Inspection: 02/19/2019

Sticker Expires: 8/19/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455070	601.002.003 Concrete, Class B	04/03/2019	2.91	2.91	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463290	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463330	601.002.022 Concrete, Class DC		3.73	3.73	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463333	601.002.009 Concrete, Class C		2.51	2.51	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 09 Plant Name: SSC1.01.601 Superior Supply @ Caldwell, WV  
 Last Inspection: 06/07/2019 Sticker Expires: 12/7/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455077	601.002.003 Concrete, Class B	06/27/2019	2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459815	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459817	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463269	601.002.022 Concrete, Class DC		3.59	3.59	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
1463271	601.002.013 Concrete, Class H		3.47	3.47	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 06 Plant Name: SSC1.03.601 Smith Concrete F-3 @ Tiltonville OH  
 Last Inspection: 03/18/2019 Sticker Expires: 9/18/2019 Standard Deviation: 711.03 Rating: A-1

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

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

1463265	601.002.022 Concrete, Class DC		3.73	3.73	3							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	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**

1463266	601.002.022 Concrete, Class DC		4.26	4.02	10	0	1.604	3.615	891.51	8775	> 3222.81	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												

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

1463266	601.002.022 Concrete, Class DC		4.26	4.26	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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**Last One Year of Data Slump Greater than or equal to 2 inches**

1463293	601.002.004 Concrete, Class B Modified		3.95	3.95	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1463293	601.002.004 Concrete, Class B Modified		3.95	3.95	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last One Year of Data Slump Less than 2 inches</b>												
1463329	601.002.003		2.87	2.87	1							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463329	601.002.003		2.87	2.63	15	3000	1.549	3.27	716.02	5458	> 5341.39	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Less than 2 inches</b>												
1463329	601.002.003		2.87	2.87	7							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463329	601.002.003		2.87	2.63	48	3000	1.5	3	698.44	5858.75	> 5095.32	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1463331	601.002.015		3.35	3.35	0							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463332	601.002.004		4.07	4.07	9							
	Concrete, Class B Modified				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1463337	601.002.006		3.45	3.45	4							
	Concrete, Class B Mass, Modified											
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1465022	601.002.011		1.11	1.11	0							
	Concrete, Class D											
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 05

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

Last Inspection: 03/13/2019

Sticker Expires: 9/13/2019

Standard Deviation: 796.90

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
<b>Last Two Years of Data Slump Less than 2 inches</b>												
389014 - R15	601.002.003		2.87	2.63	23	3000	1.515	3.081	798.86	6444.65	> 5461.29	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
389014 - R15	601.002.003		2.87	2.63	82	3000	1.5	3	862.89	6258.72	> 5588.67	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Less than 2 inches</b>												
389014 - R15	601.002.003		2.87	2.63	18	3000	1.533	3.175	767.99	5615.89	> 5438.37	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
389014 - R15	601.002.003		2.87	2.63	39	3000	1.5	3	789.63	5811.31	> 5368.89	= 0.24
	Concrete, Class B				DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26							
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
389014 - R15	601.002.003		2.87	2.87	2							
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
389016 - R15	601.002.015	01/26/2018	3.37	3.37	1							
	Concrete, Class K				MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1389017 - R15	601.002.013 Concrete, Class H	01/27/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1398981	601.002.005 Concrete, Class B Mass		2.96	2.96	7							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1398981	601.002.005 Concrete, Class B Mass		2.96	2.96	9							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1398981	601.002.005 Concrete, Class B Mass		2.96	2.72	13	3000	1.565	3.365	597.08	5420.08	> 5009.17	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last Three Months of Data Slump Greater than or equal to 2 inches</b>												
1398981	601.002.005 Concrete, Class B Mass		2.96	2.96	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
1399059	601.002.004 Concrete, Class B Modified		2.95	2.95	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 06

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

Last Inspection: 04/05/2019

Sticker Expires: 10/5/2019

Standard Deviation: 650.00

Rating: A-1

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

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

1455031	601.002.003 Concrete, Class B		2.87	2.87	7							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

1455031	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
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1461843	601.002.015 Concrete, Class K		3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
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1463285	601.002.013 Concrete, Class H		3.52	3.52	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02

Plant Name: TWG1.01.601 The Wells Group F-1 @ South Williamson, KY

Last Inspection: 04/23/2019

Sticker Expires: 10/23/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1394075	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421138	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455013	601.002.015 Concrete, Class K	06/13/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455022	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
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( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
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: 8/7/2019

District: 02 Plant Name: TWG1.02.601 The Wells Group F-2 @ Lovely, KY  
 Last Inspection: 04/23/2019 Sticker Expires: 10/23/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
390295 RE-14	601.002.003 Concrete, Class B		2.87	2.87	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421137	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455014	601.002.015 Concrete, Class K	06/01/2018	3.35	3.35	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455023	601.002.013 Concrete, Class H	08/31/2018	3.45	3.45	0							
					MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA							

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459001	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461789	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02 Plant Name: TWG1.03.601 The Wells Group F-3 @ Wayne, WV  
 Last Inspection: 05/10/2019 Sticker Expires: 11/10/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1420224	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421135	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455015	601.002.015 Concrete, Class K	06/02/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455024	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1458999	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461787	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02 Plant Name: TWG1.04.601 The Wells Group F-4 @ Cannonsburg, KY  
 Last Inspection: 05/14/2019 Sticker Expires: 11/14/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1420283	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455016	601.002.015 Concrete, Class K	06/01/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455025	601.002.013 Concrete, Class H	08/30/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459002	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength( $F_c$ )	Factor ( $K_1$ )	Factor ( $K_2$ )	Standard Deviation ( $s$ )	Average Strength( $X$ )	( $F_c+K_2s$ )	$X-(F_c+K_1s)/1.4$
1461790	601.002.022 Concrete, Class DC		3.74	3.74	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 02 Plant Name: TWG1.05.601 The Wells Group F-5 @ Louisa, KY  
 Last Inspection: 06/25/2019 Sticker Expires: 12/25/2019 Standard Deviation: 650.00 Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421064	601.002.003 Concrete, Class B		2.87	2.87	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421104	601.002.013 Concrete, Class H	01/27/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1421139	601.002.004 Concrete, Class B Modified	01/27/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1436456	601.002.003 Concrete, Class B	09/29/2017	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455017	601.002.015 Concrete, Class K	06/01/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455026	601.002.013 Concrete, Class H	08/31/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1459804	679.002.002 Concrete, Microsilica		3.83	3.83	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1461791	601.002.022 Concrete, Class DC		3.74	3.74	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 01

Plant Name: VBC1.03.601 Cardinal Concrete @ Robertsburg

Last Inspection: 02/15/2019

Sticker Expires: 8/15/2019

Standard Deviation: 650.00

Rating: A-1

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	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**

1461856	601.002.003 Concrete, Class B		2.87	2.87	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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1461857	601.002.015 Concrete, Class K		3.35	3.35	0	MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						
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# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

District: 06 Plant Name: WIC1.01.601 Weirton Ice & Coal @ Weirton, WV  
 Last Inspection: 04/04/2019 Sticker Expires: 10/4/2019 Standard Deviation: 839.68 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)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455020	601.002.015 Concrete, Class K	08/05/2018	3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
<b>Last Two Years of Data Slump Less than 2 inches</b>												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.87	1							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												
<b>Last Two Years of Data Slump Greater than or equal to 2 inches</b>												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.63	51	3000	1.5	3	950.08	5973.33	> 5850.24	= 0.24
DECREASE CEMENT FACTOR BY 0.24 PER SECTION 3.3 OF MP 711.03.26												
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1455021	601.002.003 Concrete, Class B	08/05/2018	2.87	2.87	6							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K1s)/1.4
1455038	601.002.013 Concrete, Class H	10/21/2018	3.45	3.45	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

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

1461844	601.002.013 Concrete, Class H		3.50	3.50	2							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

1461844	601.002.013 Concrete, Class H		3.50	3.50	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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1461858	601.002.015 Concrete, Class K		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

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

1463244	601.002.003 Concrete, Class B		2.87	2.87	24	3000	1.513	3.067	870.71	4317.38	<	4960.42	<	5670.47
MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26														

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

1463244	601.002.003 Concrete, Class B		2.87	2.87	4									
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA														

# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463245	601.002.022 Concrete, Class DC		3.35	3.35	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463263	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)
<b>Last One Year of Data Slump Greater than or equal to 2 inches</b>												
1463264	601.002.022 Concrete, Class DC		4.26	4.26	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)
1463294	601.002.004 Concrete, Class B Modified		3.95	3.95	0							
MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA												



# PCC Plant Evaluation with Cement Factors

Effective Date: 8/7/2019

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

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463338	601.002.006 Concrete, Class B Mass, Modified		3.45	3.45	0							
						MAINTAIN CURRENT CEMENT FACTOR, INSUFFICIENT AMOUNT OF DATA						