



West Virginia
Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 01 Plant Name: CSC2.03.601 Claxton Smith Concrete F-3 @ Charleston, WV
Last Inspection: 08/19/2020 Sticker Expires: 2/19/2021 Standard Deviation: 723.37 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Data Slump Greater than or equal to 2 inches												
1461803	601.002.003		564	564	36	3000	1.5	3	733.94	4100.91	< 4806.94	< 5201.82
	Concrete, Class B				MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 01 Plant Name: ERM1.05.601 Hanson Ready Mix F-5 @ Winfield, WV
Last Inspection: 02/23/2021 Sticker Expires: 8/23/2021 Standard Deviation: 623.49 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1436421	601.002.003	06/19/2020	545	498	14	3000	1.557	3.313	645.04	5501.43	> 5137.02	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461792	601.002.003		545	521.5	11	3000	1.588	3.51	664.59	5482.73	> 5332.71	= 23.5
Concrete, Class B					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465030	601.002.013		648	648	34	4000	1.5	3	469.4	4704.1	8656.47	5408.2
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465034	601.002.003		545	545	10	3000	1.604	3.615	695.16	4115.04	< 5356	< 5513
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

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Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465039	601.002.003		545	521.5	43	3000	1.5	3	771.42	5484.19	> 5314.26	= 23.5
Concrete, Class B					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000471	601.002.003		545	545	16	3000	1.543	3.233	948.35	4463.3	< 5105	< 6066.02
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2002577	601.002.015		639	639	11	4000	1.588	3.51	820.65	5303.19	< 5813.64	< 6880.48
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 01 Plant Name: ERM1.07.601 Hanson Ready Mix F-7 @ Charleston, WV
Last Inspection: 02/23/2021 Sticker Expires: 8/23/2021 Standard Deviation: 504.42 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459826	601.002.013	11/01/2020	648	648	22	4000	1.518	3.096	563.28	4855.06	8828.64	5743.91
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459830	601.002.013	11/01/2020	648	648	13	4000	1.565	3.365	509.3	4797.05	8339.23	5713.79
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465025	601.002.013		648	648	27	4000	1.507	3.034	511.64	4771.04	8545.56	5552.32
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1465026	601.002.013		648	648	14	4000	1.557	3.313	689.06	5072.87	9047.86	6282.86
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465033	601.002.003		545	498	19	3000	1.528	3.151	589.67	6043.16	> 4858.05	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

District: 01Plant Name: ERM1.09.601Hanson Ready Mix F-9 @ Winfield, WV (Transit)

Last Inspection: 02/23/2021Sticker Expires: 8/23/2021Standard Deviation: 645.72Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465035	601.002.003		545	498	29	3000	1.503	3.016	610.13	5951.38	> 4840.15	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 01 Plant Name: RRM1.01.601 Rumble Ready Mix F-1 @ Winfield, WV
Last Inspection: 03/12/2021 Sticker Expires: 9/12/2021 Standard Deviation: 657.90 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1458929 Concrete, Class B					25	3000	1.511	3.055	615.85	6040.8	> 4881.42	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1458962 Concrete, Class B					25	3000	1.511	3.055	615.85	6040.8	> 4881.42	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1458962 Concrete, Class B					25	3000	1.511	3.055	844.5	4276.04	< 4856.4	< 5579.95
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

District: 01 Plant Name: VBC1.03.601 The Wells Group @ Robertsburg
Last Inspection: 12/18/2020 Sticker Expires: 6/18/2021 Standard Deviation: 674.42 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461856 Concrete, Class B					30	3000	1.501	3.008	560.36	4804	> 4685.56	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							



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Effective Date: 4/15/2021

District: 02

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

Last Inspection: 03/01/2021

Sticker Expires: 9/1/2021

Standard Deviation: 541.45

Rating: A-1

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

1424602	601.002.003		550	526.5
Concrete, Class B				

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

Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
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11	3000	1.588	3.51	544.45	5062.73	> 4911.02	= 23.5
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DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor
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Data Slump Less than 2 inches

1465018	601.002.015		639	592
Concrete, Class K				

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

Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
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14	4000	1.557	3.313	778.81	7273.93	> 6580.2	= 47
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DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

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

1465064	601.002.003		545	498
Concrete, Class B				

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

Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
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54	3000	1.5	3	382.16	5132.41	> 4146.48	= 47
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DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 02 Plant Name: LCC1.01.601 The Wells Group F-1 @ Logan, WV
Last Inspection: 03/03/2021 Sticker Expires: 9/3/2021 Standard Deviation: 607.83 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461810	601.002.003		545	545	15	3000	1.549	3.27	652.16	5165.33	> 5132.56	= 0
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

District: 02 Plant Name: TWG1.01.601 The Wells Group F-1 @ South Williamson, KY
Last Inspection: 03/25/2021 Sticker Expires: 9/25/2021 Standard Deviation: 646.93 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1394075	601.002.003		549	549	20	3000	1.525	3.13	700.7	4068.57	< 5006.9	< 5193.19
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 02 Plant Name: TWG1.04.601 The Wells Group F-4 @ Cannonsburg, KY
Last Inspection: 11/14/2019 Sticker Expires: 5/14/2020 Standard Deviation: 673.76 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Data Slump Greater than or equal to 2 inches					26	3000	1.508	3.044	782.08	4179.38	< 5168.65	< 5380.65
1420283	601.002.003	01/28/2021	549	549	MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class B											
					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Data Slump Greater than or equal to 2 inches					26	3000	1.508	3.044	782.08	4179.38	< 5168.65	< 5380.65
1420283	601.002.003	01/28/2021	549	549	MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class B											

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
Data Slump Greater than or equal to 2 inches					12	4000	1.576	3.429	507.25	4799.43	< 5031.67	< 5739.36
1455016	601.002.015	02/22/2021	637	637	MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class K											



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 03

Plant Name: CCC1.01.601 The Wells Group F1 @ Ravenswood, WV

Last Inspection: 12/18/2020

Sticker Expires: 6/18/2021

Standard Deviation: 680.67

Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					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_2s)/200
Data Slump Less than 2 inches					23	3000	1.515	3.081	744.48	5563.48	> 5293.74	= 23.5
1461812	601.002.003		545	521.5	DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class B											
					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)
Data Slump Greater than or equal to 2 inches					11	3000	1.588	3.51	862.37	4369.44	< 4900	< 6026.92
1461812	601.002.003		545	545	MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class B											

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 03 Plant Name: CCC1.02.601 The Wells Group F2 @ Parkersburg, WV
Last Inspection: 02/17/2021 Sticker Expires: 8/17/2021 Standard Deviation: 726.27 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432578 601.002.003 Concrete, Class B					11	3000	1.588	3.51	890.28	4413.76	< 4800	< 6124.88
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					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					11	3000	1.588	3.51	664.96	4055.96	< 5006.36	< 5334.01
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461813 601.002.003 Concrete, Class B					49	3000	1.5	3	588.94	4878.98	> 4766.82	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 03 Plant Name: CSC1.15.601 Central Supply F-15 @ Pennsboro, WV
Last Inspection: 09/23/2020 Sticker Expires: 3/23/2021 Standard Deviation: 591.07 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1458975	601.002.003	04/18/2020	564	517	21	3000	1.521	3.112	574.05	6556.67	> 4786.44	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1458976	601.002.003		545	521.5	17	3000	1.538	3.202	700.85	5442.94	> 5244.12	= 23.5
Concrete, Class B					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 03 Plant Name: ERM1.06.601 Hanson Ready Mix F-6 @ Parkersburg, WV
Last Inspection: 03/25/2021 Sticker Expires: 9/25/2021 Standard Deviation: 569.73 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465020 Concrete, Class H					10	4000	1.604	3.615	397.73	6631	> 5437.79	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465053 Concrete, Class K					10	4000	1.604	3.615	397.73	6631	> 5437.79	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465053 Concrete, Class K					19	4000	1.528	3.151	578.14	6041.05	> 5821.72	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465056 Concrete, Class B					52	3000	1.5	3	460.3	4526.73	> 4380.9	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465072	601.002.003		564	540.5	45	3000	1.5	3	661.35	5094	> 4984.05	= 23.5
Concrete, Class B					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

District: 03Plant Name: SCC1.01.601 Smith Concrete F-1 @ Porterfield, OH

Last Inspection: 03/04/2021Sticker Expires: 9/4/2021Standard Deviation: 670.90Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463289	601.002.003		564	564	19	3000	1.528	3.151	706.21	4079.09	< 5040.53	< 5225.27
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 03 Plant Name: SCC1.02.601 Smith Concrete F-2 @ Reno, OH
Last Inspection: 03/19/2021 Sticker Expires: 9/19/2021 Standard Deviation: 665.77 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463290 601.002.003 Concrete, Class B					16	4500	1.543	3.233	992.24	6031.03	< 6438.75	< 7707.91
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463330 601.002.022 Concrete, Class DC					16	4500	1.543	3.233	992.24	6031.03	< 6438.75	< 7707.91
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 04

Plant Name: CCC1.03.601 The Wells Group F3 @ Bridgeport, WV

Last Inspection: 01/29/2021

Sticker Expires: 7/29/2021

Standard Deviation: 631.65

Rating: A-1

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

1434187 601.002.003 545 545
Concrete, Class B

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

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_2s)/200
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32 3000 1.5 3 637.54 4963.78 > 4912.62 = 0

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

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

1434188 601.002.015 639 639
Concrete, Class K

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

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)
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12 4000 1.576 3.429 631.81 4995.73 < 5358.83 < 6166.48

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

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

1461855 601.002.022 705 705
Concrete, Class DC

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

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)
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13 4500 1.565 3.365 1013.15 6085.58 < 7154.08 < 7909.25

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 04 Plant Name: CSC1.01.601 Central Supply F-1 @ Saltwell, WV
Last Inspection: 03/01/2021 Sticker Expires: 9/1/2021 Standard Deviation: 505.24 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434199	601.002.003		545	498	20	3000	1.525	3.13	479.62	4963.15	> 4501.21	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 04 Plant Name: CSC1.02.601 Central Supply F-2 @ Westover, WV
Last Inspection: 03/01/2021 Sticker Expires: 9/1/2021 Standard Deviation: 691.38 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1432523 601.002.003 Concrete, Class B					18	3000	1.533	3.175	600.91	5647.22	> 4907.89	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1432547 601.002.013 Concrete, Class H					15	4000	1.549	3.27	781.9	5211.16	7421.8	6556.81
					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434193 601.002.003 Concrete, Class B					18	3000	1.533	3.175	600.91	5647.22	> 4907.89	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434193 601.002.003 Concrete, Class B					91	3000	1.5	3	682.35	5299	> 5047.05	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434195	601.002.001	01/24/2020	659	659	25	3500	1.511	3.055	877.48	4825.87	< 5778.4	< 6180.7
Concrete, Class A					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1436406	601.002.015		658	611	48	4000	1.5	3	659.38	8145	> 5978.14	= 47
Concrete, Class K					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

District: 04Plant Name: SAC1.01.601Stone & Company @ Morgantown, WV

Last Inspection: 12/03/2020Sticker Expires: 6/3/2021Standard Deviation: 528.27Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
2100405	601.002.003		564	517	19	3000	1.528	3.151	556.07	6181.58	> 4752.18	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							



West Virginia Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 05

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

Last Inspection: 03/09/2021

Sticker Expires: 9/9/2021

Standard Deviation: 714.31

Rating: A-1

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

1463272	601.002.003		564	517
Concrete, Class B				

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

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_2s)/200
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15	3000	1.549	3.27	376.24	6271.33	> 4230.3	= 47
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DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

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

1463275	601.002.003		545	498
Concrete, Class B				

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

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_2s)/200
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18	3000	1.533	3.175	538.97	5971.89	> 4711.23	= 47
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DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

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

1463281	601.002.013		645	645
Concrete, Class H				

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

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)
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10	4000	1.604	3.615	651.7	5045.33	7706.1	6355.9
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MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 05 Plant Name: FCC1.05.601 Allegany Concrete F-5 W Short Gap WV (Transit)
Last Inspection: 03/08/2021 Sticker Expires: 9/8/2021 Standard Deviation: 550.56 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461807	601.002.003		545	498	19	3000	1.528	3.151	653.53	5663.68	> 5059.27	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461808	601.002.015		635	635	15	4000	1.549	3.27	670.72	5038.95	< 5842	< 6193.25
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 05 Plant Name: TBH1.01.601 Thomas, Bennet & Hunter, Inc @ Martinsburg, W
Last Inspection: 03/11/2021 Sticker Expires: 9/11/2021 Standard Deviation: 707.76 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
I389014 - R15 601.002.003 Concrete, Class B					93	3000	1.5	3	757.61	5991.05	> 5272.83	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1398981 601.002.005 Concrete, Class B Mass					93	3000	1.5	3	757.61	5991.05	> 5272.83	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
2000432 601.002.003 Concrete, Class B					79	3000	1.5	3	733.15	5750.68	> 5199.45	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
2000432 601.002.003 Concrete, Class B					51	3000	1.5	3	655.27	6022.61	> 4965.81	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							



West Virginia
Department of Transportation

PCC Plant Evaluation with Cement Factors Effective Date: 4/15/2021

District: 06 Plant Name: ERM1.03.601 Hanson Ready Mix F-3 @ New Martinsville, WV
Last Inspection: 11/15/2020 Sticker Expires: 5/15/2021 Standard Deviation: 468.75 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
Data Slump Greater than or equal to 2 inches												
1461798	601.002.003		545	498	40	3000	1.5	3	478.53	5154.5	> 4435.59	= 47
	Concrete, Class B				DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 06 Plant Name: ERM1.04.601 Hanson Ready Mix F-4 @ McMechen WV
Last Inspection: 11/15/2020 Sticker Expires: 5/15/2021 Standard Deviation: 570.76 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461781 601.002.015 Concrete, Class K					22	4000	1.518	3.096	486.76	4738.9	< 5243.18	< 5507.01
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461799 601.002.003 Concrete, Class B					13	3000	1.565	3.365	639.66	5511.54	> 5152.46	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1461799 601.002.003 Concrete, Class B					67	3000	1.5	3	532.87	5036.87	> 4598.61	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463258 601.002.013 Concrete, Class H					22	4000	1.518	3.096	956.65	5452.19	6898.64	6961.79
					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1901031	601.002.003		545	545	14	3000	1.557	3.313	573.85	3893.48	< 4154.29	< 4901.17
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 06 Plant Name: SSC1.03.601 Smith Concrete F-3 @ Tiltonsville OH
Last Inspection: 09/24/2020 Sticker Expires: 3/24/2021 Standard Deviation: 636.02 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1463266 Concrete, Class DC					15	4500	1.549	3.27	729.36	8006.67	> 6885.01	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463293 Concrete, Class B Modified					14	5000	1.557	3.313	626.87	5976.04	< 6083.57	< 7076.82
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1463329 Concrete, Class B					58	3000	1.5	3	669.85	5820	> 5009.55	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463337 Concrete, Class B Mass, Modified					29	5000	1.503	3.016	419.15	5629.98	< 5937.24	< 6264.16
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1901030	601.002.022		705	658	18	4500	1.533	3.175	777.32	7488.89	> 6967.99	= 47
Concrete, Class DC					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 06 Plant Name: SWC1.01.601 Swank @ Tridelpia, WV
Last Inspection: 02/04/2021 Sticker Expires: 8/4/2021 Standard Deviation: 817.17 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000422 Concrete, Class B					11	3000	1.588	3.51	696.05	4105.33	< 4932.73	< 5443.14
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000426 Concrete, Class B Mass, Modified					42	4000	1.5	3	885.84	5328.76	< 6612.02	< 6657.52
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K1s)	(Fc+K1s)-X/200
2000429 Concrete, Class B Modified					31	5500	1.5	3	814.02	5987.45	< 6721.03	= 94
					INCREASE CEMENT FACTOR BY 94 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000438	601.002.015		658	658	47	4000	1.5	3	711.93	5067.89	< 5688.3	< 6135.79
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000438	601.002.015		658	658	47	4000	1.5	3	711.93	5067.89	< 5688.3	< 6135.79
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000441	601.002.013		648	648	138	4000	1.5	3	824.08	5236.12	7697.2	6472.24
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
2000446	601.002.003		564	564	15	3000	1.549	3.27	1006.15	4558.53	< 5405.2	< 6290.11
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
2000459	601.002.016		655	608	15	4500	1.549	3.27	637.63	7978	> 6585.05	= 47
Concrete, Class K Modified					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
2000462	601.002.014		648	601	16	4000	1.543	3.233	479.88	7471.88	> 5551.45	= 47
Concrete, Class H Modified					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

District: 06	Plant Name: WIC1.01.601	Weirton Ice & Coal @ Weirton, WV										
Last Inspection: 04/06/2021	Sticker Expires: 10/6/2021	Standard Deviation: 524.77	Rating: A-1									

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1463244	601.002.003		564	517	122	3000	1.5	3	541.17	6114.34	> 4623.51	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							



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PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 07

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

Last Inspection: 03/09/2021

Sticker Expires: 9/9/2021

Standard Deviation: 696.47

Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
Data Slump Greater than or equal to 2 inches					27	3000	1.507	3.034	770.08	5691.11	> 5336.42	= 47
1434213	601.002.003		564	517	DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
	Concrete, Class B											

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 07 Plant Name: CSC1.04.601 Central Supply F-4 @ Gassaway, WV
Last Inspection: 03/04/2021 Sticker Expires: 9/4/2021 Standard Deviation: 498.56 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434202 Concrete, Class B					19	3000	1.528	3.151	416.33	4968.95	> 4311.86	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434215 Concrete, Class B					28	3000	1.505	3.024	698.77	5386.07	> 5113.08	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

District: 07 Plant Name: CSC1.05.601 Central Supply F-5 @ Glenville, WV
Last Inspection: 03/04/2021 Sticker Expires: 9/4/2021 Standard Deviation: 464.83 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc)	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434203 Concrete, Class B					12	3000	1.576	3.429	550.99	3868.36	< 4599.17	< 4889.34
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							



West Virginia
Department of Transportation

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 08

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

Last Inspection: 03/03/2021

Sticker Expires: 9/3/2021

Standard Deviation: 642.38

Rating: A-1

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

1434201	601.002.003		545	545
Concrete, Class B				

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

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)
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37	3000	1.5	3	647.84	3971.76	< 4912.43	< 4943.52
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MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

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

1434214	601.002.003		564	564
Concrete, Class B				

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

Pieces of Data	Design Strength(F_c)	Factor (K_1)	Factor (K_2)	Standard Deviation (s)	Average Strength(X)	(F_c+K_2s)	$X-(F_c+K_2s)/200$
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11	3000	1.588	3.51	724.66	5634.55	> 5543.56	= 0
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MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Less than 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436389	601.002.015		636	636	10	4000	1.604	3.615	810.63	5300.25	< 6481	< 6930.43
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436389	601.002.015		636	636	12	4000	1.576	3.429	443.48	4698.92	< 5392.5	< 5520.69
Concrete, Class K					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1436443	601.002.013		628	628	27	4000	1.507	3.034	573.1	4863.66	7069.26	5738.79
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1459834	601.002.004		636	636	18	4000	1.533	3.175	673.61	5032.64	< 5995.56	< 6138.71
Concrete, Class B Modified					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1901026	601.002.013		633	633	22	4000	1.518	3.096	653.56	4992.1	6589.09	6023.42
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

District: 08 Plant Name: CSC1.16.601 Central Supply F-16 @ Parsons, WV

Last Inspection: 09/25/2020 Sticker Expires: 3/25/2021 Standard Deviation: 548.15 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1461837	601.002.004		636	636	19	4000	1.528	3.151	699.45	5068.76	< 6201.58	< 6203.97
Concrete, Class B Modified					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							



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PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 09

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

Last Inspection: 11/18/2020

Sticker Expires: 5/18/2021

Standard Deviation: 807.66

Rating: A-1

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

1432590	601.002.003		543	590
Concrete, Class B				

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

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)- $X/200$
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10	3000	1.604	3.615	648.23	3790	< 4039.76	= 47
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INCREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

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

1434222	601.002.003		543	543
Concrete, Class B				

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

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)
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38	3000	1.5	3	936.9	4405.35	< 4643.42	< 5810.7
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MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 09 Plant Name: BMC1.05.601 Central Supply F-13 @ Alta, WV
Last Inspection: 11/18/2020 Sticker Expires: 5/18/2021 Standard Deviation: 639.92 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1434176 601.002.015 Concrete, Class K					20	4000	1.525	3.13	729.4	5112.34	< 5679	< 6283.02
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1434221 601.002.003 Concrete, Class B					19	3000	1.528	3.151	604.74	5757.89	> 4905.54	= 47
					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463335 601.002.003 Concrete, Class B					13	3000	1.565	3.365	508.54	3795.87	< 4086.15	< 4711.24
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465019 601.002.004 Concrete, Class B Modified					21	3500	1.521	3.112	486.43	5173.48	> 5013.77	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							



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PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 10

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

Last Inspection: 11/16/2020

Sticker Expires: 5/16/2021

Standard Deviation: 586.26

Rating: A-1

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

1432575 601.002.003 543 496
Concrete, Class B

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

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_2s)/200
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18 3000 1.533 3.175 415.72 5185.28 > 4319.91 = 47

DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26

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

1463301 601.002.003 545 545
Concrete, Class B

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

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)
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17 3000 1.538 3.202 544.66 3837.69 < 4555.88 < 4744

MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 10 Plant Name: DHC1.02.601 Central Supply @ Mabscott, WV
Last Inspection: 11/12/2020 Sticker Expires: 5/12/2021 Standard Deviation: 665.37 Rating: A-1

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463299	601.002.003		545	545	186	3000	1.5	3	681.82	4022.73	< 4922.15	< 5045.46
Concrete, Class B					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

District: 10 Plant Name: EC11.01.601 Eastern Concrete Pinville WV
Last Inspection: 10/15/2020 Sticker Expires: 4/15/2021 Standard Deviation: 872.25 Rating: B

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463324 Concrete, Class B					23	4000	1.515	3.081	728.33	5103.42	< 5421.3	< 6243.98
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463325 Concrete, Pavement					114	3000	1.5	3	783.77	4175.66	< 4962.28	< 5351.31
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463326 Concrete, Class K					23	4000	1.515	3.081	728.33	5103.42	< 5421.3	< 6243.98
					MAINTAIN CURRENT CEMENT FACTOR, PER SECTION 3.3 OF MP 711.03.26							
Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1463327 Concrete, Class DC					26	4500	1.508	3.044	1032.76	7753.85	> 7643.72	= 23.5
					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

PCC Plant Evaluation with Cement Factors

Effective Date: 4/15/2021

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	(Fc+K1s)	Average Strength(X)	(Fc+K2s)
1463328	601.002.013		631	631	16	4000	1.543	3.233	718.63	5108.85	5274.38	6323.33
Concrete, Class H					MAINTAIN CURRENT CEMENT FACTOR, CONCRETE, CLASS H							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465023	601.002.003		564	540.5	40	3000	1.5	3	813.41	5739.75	> 5440.23	= 23.5
Concrete, Class B					DECREASE CEMENT FACTOR BY 23.5 PER SECTION 3.3 OF MP 711.03.26							

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1465024	501.002.001		564	517	112	3000	1.5	3	819.56	5822.5	> 5458.68	= 47
Concrete, Pavement					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							

District: 10	Plant Name: JRM1.01.601	Jowar Ready Mix @ laeger, WV										
Last Inspection: 03/16/2021	Sticker Expires: 9/16/2021	Standard Deviation: 642.86	Rating: A-1									

Mix Design Number	Material Code / Class of Mix	Expired Date	Approved Cement Factor	Adjusted Cement Factor	<----- Evaluation of Cement Requirements ----->							
Data Slump Greater than or equal to 2 inches					Pieces of Data	Design Strength(Fc	Factor (K1)	Factor (K2)	Standard Deviation (s)	Average Strength(X)	(Fc+K2s)	X-(Fc+K2s)/200
1463341	601.002.003		615	568	18	3000	1.533	3.175	672.73	5637.78	> 5135.92	= 47
Concrete, Class B					DECREASE CEMENT FACTOR BY 47 PER SECTION 3.3 OF MP 711.03.26							