

3460500 PORTLAND CEMENT CONCRETE
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (3-31-17, Internal)

My comments are summarized as follows:

Consolidating rows in the Table which refer to the same ASTM
Correction of a misspelled ASTM Standard

Static Segregation of Self Consolidating Concrete using Column Techniques	ASTM C1610
Slump Flow of Self Consolidating Concrete	ASTM C1611
Relative Viscosity of Self Consolidating Concrete	ASTM C1611
Visual Stability Index of Self Consolidating Concrete	ASTM C1611
Passing Ability of Self Consolidating Concrete by J-Ring	ASTM C1621
Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test	ASTM C1612
Aggregate Distribution of Hardened Self-Consolidating Concrete	FM 5-617

Response: ASTM C1612 will be changed to ASTM C1712. Change made.
For consistency with revisions to Materials Manual Section 8.4, we prefer to keep the emphasis on the property description for sampling and testing even if it means repeating the ASTM method. No change made.

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Comments: (4-5-17, Internal)

3460500: The spelling of Self-Consolidating is inconsistent. Recommend use with hyphen.

Static Segregation of Self Consolidating Concrete using Column Techniques	ASTM C1610
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Rapid Assessment of Static Segregation Resistance of Self-Consolidating Concrete Using Penetration Test	ASTM C1612
Aggregate Distribution of Hardened Self-Consolidating Concrete	FM 5-617
Hardened Visual Stability Index of Self-Consolidating Concrete	FM 5-615
Fabricating Test Specimens with Self Consolidating Concrete	ASTM C1758
Concrete Resistivity as an Electrical Indicator of its Permeability	AASHTO T358
*The Department will use the same type of meter for Verification testing as used for QC testing. When using pressure type meters, use an aggregate correction factor determined by the concrete producer for each mix design to be tested. Record and certify test results for correction factors for each type of aggregate at the concrete production facility. ** Provide curing facilities that have the capacity to store all QC, Verification, "hold" and Independent Verification cylinders simultaneously for the initial curing. Cylinders will be delivered to the testing laboratory in their molds. The laboratory will remove the specimens from the molds and begin final curing. ***The Verification technician will use the same size cylinders as the Quality Control technician. **** Take the test sample from the middle portion of the batch in lieu of collecting and compositing samples from two or more portions as described in ASTM C1712.	

Response: Recommendation accepted. All references to self-consolidating concrete on Table 5 and 346-6.2 have been hyphenated. Changes made.
