

ORINATION FORM

Date: May 14, 2014
Originator: Timothy J. Ruelke
Contact Information: State Materials Office/352-955-6620

Specification Title: Contractor Quality Control General Requirements
Specification Section, Article, or Subarticle Number: 105

Why does the existing language need to be changed? Section 105 must be changed in conjunction with changes made to Section 346 and Materials Manual 9.2 Volume II.

Summary of the changes:

- Clarified the storage and use of bagged highly reactive pozzolans Allow the use of high range water-reducing and retarding admixtures in drilled shaft concrete
- Defined total mixing water (ASTM C94)
- Removed requirement to use method 2 until the comparison criteria is met
- Clarified mix design types
- Clarify the time frame the engineering analysis should cover
- Added new slump loss test procedure and removed old procedure
- Clarified when water tanks must be filled
- Added Total Minus 200
- Added absorption requirements to coarse aggregate
- Clarified the absorption requirement
- Appendix A Cont'd Added requirement for admixture added at the job site and time added

Are these changes applicable to all Department jobs?

If not, what are the restrictions? These changes are applicable to all Department jobs.

Will these changes result in an increase or decrease in project costs? No

If yes, what is the estimated change in costs?

With who have you discussed these changes? The State Construction Office and the District Materials Concrete personnel.

What other offices will be impacted by these changes? Construction.

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? No

Are all references to external publications current? Yes

If not, what references need to be updated (please include changes in the redline)?

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? No

Contact the State Specifications Office for assistance in completing this form.

ORINATION FORM

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M E M O R A N D U M

DATE: May 27, 2014

TO: Specification Review Distribution List

FROM: Daniel Scheer, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **1050302-MM9.2VII Contractor Quality Control General Requirements – Compliance with the Materials Manual.**

We are sending you proposed revisions, dated May 14, 2014, to the Materials Manual for Section 9.2, Volume II, Structural Concrete Production Facilities Guide. These revisions were proposed by the State Materials Office.

Use the temporary link in the attached document to access the redlined version and provide comments.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **June 24, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

**CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS –
COMPLIANCE WITH THE MATERIALS MANUAL.
(REV 5-27-14)**

SUBARTICLE 105-3.2 is deleted and the following substituted:

105-3.2 Compliance with the Materials Manual.

Producers of Flexible Pipe shall meet the requirements of Section 6.1, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section61.pdf> .

Producers of Precast Concrete Pipe shall meet the requirements of Section 6.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section62.pdf> .

Producers of Precast Concrete Drainage Structures shall meet the requirements of Section 6.3, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section63.pdf> .

Producers of Precast/Prestressed Concrete Products shall meet the requirements of Sections 8.1 and 8.3 of the Department's Materials Manual, which may be viewed at the following URLs:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section81.pdf> .

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section83.pdf> .

Producers of Precast Prestressed Concrete Products using Self Consolidating Concrete shall meet the requirements of Section 8.4, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section84.pdf>

Producers of Incidental Precast/Prestressed Concrete Products shall meet the requirements of Section 8.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section82.pdf> .

Producers of Portland Cement Concrete shall meet the requirements of Section 9.2, Volume II of the Department's Materials Manual, which may be viewed at the following URL:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/files/section92VII-051414.pdf>

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section92.pdf> .

Producers of Structural Steel and Miscellaneous Metal Components shall meet the requirements of Sections 11.1, 11.2, 11.4 and 11.5 of the Department's Materials Manual, which may be viewed at the following URLs:

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section111.pdf> .

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/Files/section112.pdf> .

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/files/Section114.pdf> .

<http://www.dot.state.fl.us/specificationoffice/Implemented/URLinSpecs/files/Section115.pdf> .