

ORINATION FORM

Specifications 105

Date: **04-14-2014**

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Specification Title: Section 105 Contractor Quality Control General Requirements

Specification Section, Article, or Subarticle Number: Section 105-3.2 Specification- Compliance with the Materials Manual. Sections 8.1.5.3.2.1 and 8.1.5.3.2.2 of the Materials Manual.

Why does the existing language need to be changed? Section 8.1 has been modified so that the precast/prestressed concrete producers provide the advance schedule of the major fabrication activities. Also, ASTM Standards A185 and A 497 have been replaced with modified ASTM A 1064.

Summary of the changes: The following are the summary of changes in each document.

- 1- Materials Manual- Section 8.1.5.3.2.1 has been expanded by adding item number (17) regarding the schedule of the fabrication activities.
- 2- Materials Manual -Section 8.1.5.3.2.2 has replaced ASTM A 497 with ASTM A 1064.

Are these changes applicable to all Department jobs? Yes, all projects with prestressed /precast concrete elements.

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **No** fiscal impact on projects
If yes, what is the estimated change in costs?

With who have you discussed these changes? The proposed changes have been discussed by email correspondence with District Materials Offices.

What other offices will be impacted by these changes? District Materials and Construction Offices

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

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

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

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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: April 21, 2014

TO: Specification Review Distribution List

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

SUBJECT: Proposed Specification: **1050302-MM8.1 Contractor Quality Control General Requirements – Compliance with the Materials Manual.**

We are sending you proposed revisions, dated April 14, 2014, to the Materials Manual for Section 8.1, Volume I, Quality Assurance Program of Precast Prestressed Concrete Products. 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 **May 19, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

**CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS –
COMPLIANCE WITH THE MATERIALS MANUAL.
(REV 5-3-13)**

SUBARTICLE 105-3.2 (Page 134) 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/specificationsoffice/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/specificationsoffice/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/specificationsoffice/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/specificationsoffice/Implemented/URLinSpecs/Files/section81.pdf> .

<http://www.dot.state.fl.us/specificationsoffice/Implemented/URLinSpecs/Files/Section8.1-041414.pdf>

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

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

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

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