

1050302 CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS –
COMPLIANCE WITH THE MATERIALS MANUAL –
SECTION 8.2 MANUFACTURED INCIDENTAL PRECAST/PRESTRESSED CONCRETE
PRODUCTS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (8-2-12)

1. Paragraph 3 of 8.2.6.2 needs to be clarified. It currently states, “A copy of the Plant’s proposed repair methods of the Structure deficiencies shall be included as part of the quality control plan.” I’m not sure if the intended statement was, “A copy of the Plant’s proposed repair methods for all structural deficiencies shall be included as part of the quality control plan” or “A copy of the Plant’s proposed repair methods for the deficiencies of all Structures shall be included as part of the quality control plan.”

Response: Change made.

2. Change “are” to “is” in the second to last sentence in 8.2.6.2.

Response: Change made.

3. 8.2.6.3 should state that an in-depth inspection is also required for Plants to be placed back on Active Status. Some Plants which need an in-depth inspection have produced for the Department within the last year.

Response: No change made at this time. The comment will be discussed by State Materials Office with District Materials Offices.

4. Routine inspections and Plant qualification reviews need to be done until the Plants have been placed on Status B, inactive. If we only do these inspections on Plants which furnish Structures for Department projects, we will run into problems if they get a job and we haven’t kept up with our inspections.

Response: No change made at this time. The comment will be discussed by State Materials Office with District Materials Offices.

5. In 8.2.6.4, it states that the quality control plan is in compliance with Materials Manual 5.6. In 8.2.6.1, it states that the quality control plan is in accordance with Specifications Section 105 and the Materials Manual 5.6 may be used as a guideline. This should be made consistent.

Response: Only 8.1 is not consistent and will be changed in future revisions.

6. In 8.2.6.4, it states, “Immediately notify the District Materials Office in writing of any changes to the quality control plan. In case of change(s), revise the quality control plan annually in the form of addenda or complete revision of the entire document. Submit the revised quality control

plan or its addenda to the District Materials Office annually.” Addenda need to be submitted, accepted, and incorporated into the quality control plan as they occur throughout the year. The entire quality control plan needs to be revised and submitted annually.

Response: No change made at this time. The comment will be discussed by State Materials Office with District Materials Offices.

7. In 8.2.7.2 (B), it states as one of the Quality Control Manager’s responsibilities, “Be present at all times during the production of the Structures that will be shipped to Department projects.” Since this has been changed back to the original verbiage, Industry needs to be aware of this and all the Districts need to enforce this requirement the same way.

Response: No change made. This comment has already been discussed with the District Materials Office personnel. There was a proposed change to this requirement that was not implemented. Further discussion is required.

8. In 8.2.7.4.1, remove the word “of.”

Response: Change made.

9. Clarify the first sentences of 8.2.7.4.2. One suggestion is, “The Quality Control inspector shall obtain certifications for all welded wire reinforcement, reinforcing steel, and prestressing steel used to manufacture Incidental Precast/Prestressed Concrete Products. These certifications shall indicate compliance with the appropriate ASTM or AASHTO standards for wire, wire reinforcement, reinforcing steel, or prestressing steel.”

Response: Changes made to clarify.

10. In 8.2.7.4.3, it states, “All patching compounds shall comply with Florida Department of Transportation Specifications Section 450.” Repair procedures are referenced in 450 and the Material Requirement for Epoxy Resin Compounds references Section 926. Section 450 also references Section 934. I think Materials Manual 8.2 should reference all the applicable specification sections for patching compounds. Also, the reference to Florida Department of Transportation has been removed in most places in the Materials Manual, but not here.

Response: Listing all specification sections is not the best practice. The language has been revised to refer to the applicable specifications.

11. In 8.2.7.6.3, it states, “The condition of forms shall comply with Specifications Section 400 in order to produce acceptable Structures within dimensional tolerances...Forms used in the manufacture of Structures shall be sufficiently rigid and accurate to maintain the Structures designed dimensions and avoid irregularities in the Structure surface.” I don’t know what dimensional tolerances this first sentence refers to, but the second sentence above states maintain designed dimensions without regard to tolerances. I think the referenced tolerances need to be stated.

Response: The tolerances are stated in the Specifications. No change made.

12. In 8.2.8.2, delete “the” and “components” from the first sentence. In 8.2.8.2 (C), change “their” to “his/her.”

Response: Change made.

13. 8.2.8.3 has two references to specified dimensional tolerances. I think the referenced tolerances need to be stated.

Response: The tolerances are stated in the Specifications. No change made.

14. 8.2.8.3 states, “Use the repair material from the Department’s Qualified Products List.” Not all repairs require an item on the QPL. For example, 450-13.3 Surface Restoration allows for a mortar mix.

Response: Change made to allow for non-QPL products when allowed by Specifications.

15. In 8.2.8.6, change “their” to “his/her.”

Response: Change made.

16. In 8.2.8.7, change the sentence prior to the list of delivery ticket items to, “Each delivery ticket shall include the list of the products being shipped, shall be on the Plant’s letterhead, and shall include the following as a minimum:”

Response: Change made.
