

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:**

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

**Response:**

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:**

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:**

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:**

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:**

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:**

8. In 8.2.7.4.1, remove the word "of."

**Response:**

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:**

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:**

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:**

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:**

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

**Response:**

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:**

15. In 8.2.8.6, change "their" to "his/her."

**Response:**

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:**

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