

1050806 CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (12-13-18)

This is not a State Specifications Office requirement unless we are talking about CONTRACTOR PERSONNEL, or when the CONTRACTOR is responsible for verifying the qualifications.

When directed to, the Contractor uses a producer listed on the Department's Production Facility listing (which is maintained by SMO). SMO is responsible for verifying the personnel qualifications of the producer.

Response: Agree. The SMO or the District Materials Offices will ensure that the producer's personnel comply with the requirement of Section 105.

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Comments: (12-18-18)

The onsite Batch Plant Operator is needed but an onsite Plant Manager of Quality Control, Concrete Mix Designer and Testing Technicians are not needed at every plant. This would be a great expense to the Producer. At this time, all plants have Batch Plant Operators and the other positions are located at their labs to support the plants.

<p>→ <del>105-8.7: Structural Concrete Production Facility Quality Control (QC) Personnel: ¶</del></p> <p>→ <del>Ensure that each Pportland Ccement Sstructural Cconcrete Pproduction Ffacility (Pplant), has an onsite Pplant Mmanager of QC, Cconcrete Mmix Ddesigner, Cconcrete Bbatch Pplant Ooperator, and Ttesting Ttechnicians to provide QC inspections and testing. ¶</del></p>
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Response: The specification requires that each plant should have the required personnel to perform the required duties. It is not required that they be present always onsite. Accordingly, the proposed specification will be modified to change "onsite" to "designated personnel" in 105-8.7.

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Douglas Holdener  
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Comments: (date)

These appear to be new quality control personnel requirements for concrete pipe and/or precast concrete box culvert production. Without further clarification, it is not certain if, why, and how new QC certification requirements are needed beyond the current Section 105 and American

Concrete Pipe Association (ACPA) training. Perhaps this is something that can be discussed and clarified in order to resolve the intended specification change and address SMO interests.

Response: There are no new requirements for prestressed concrete, pipe and precast drainage structures, except the SCC testing technicians are required to have ACI SCC certification. The Pipe plants are required to have ACPA certifications. No change is needed.

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Jeff O'Leary  
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Comments: (1-12-19)

1. 105-8.7: The requirement for "onsite" personnel needs to be better defined. While a CBPO will always be on site while producing for FDOT concrete, the other personnel may not be present at all times.

Response: The specification requires that each plant should have the required personnel to perform the required duties. It is not required that they be present always onsite. Accordingly, the proposed specification will be modified to change "onsite" to "designated personnel" in 105-8.7.

2. 105-8.7.2: The alternative qualification for a Concrete Mix Designer (105-8.7.2 alternative #2) is NRMCA Level 3. This used to be, NRMCA Level 2. The Materials Manual, Vol. II, section 9.2.13.4, still allows NRMCA Level 2 for this position. Why is this being changed to the Level 3? The NRMCA Level 2 certification is more appropriate than the other alternatives. My concern is the availability of the Level 3 certification. The Level 2 is readily available here in Florida while the Level 3 is available only in Maryland annually and here in Florida only every few years.

Response: In the approved Section 9.2 Volume 2 Materials Manual, dated May 15, 2018; the NRMCA Concrete Technologist, Level 3 certification has been included. The NRMCA Concrete Technologists training courses will be offered from February 11 -15, 2019 in Orlando. The following is the weblink of the training courses.  
[https://www.nrmca.org/Education/Certifications/TechnicalShortCourse.htm#field\\_testing](https://www.nrmca.org/Education/Certifications/TechnicalShortCourse.htm#field_testing)

No changes are needed.

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