

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

Modify Specification SS1050000.
Section/File number

New Section _____.
Section number

Subject: Prestressed Concrete Plant Facility Quality Control Personnel

Origination date: 03/26/2007

Originator: Tom Malerk
Office/Phone: State Materials Office / 352-955-6620
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Problem statement: The State Materials Office was offering the prestressed concrete quality control inspectors training course until 2002. These certificates will expire during 2007. After January 1, 2003, the quality control personnel were required to have PCI quality control inspector certificates and completion of Section 450 Specification examination.

Current specifications for asphalt do not include a requirement for Quality Control Personnel or a Contractor Quality Control Plan for asphalt if the Contractor opts for Option 2. There is a need for Quality Control personnel at the roadway for testing and inspection items. This also requires that the Quality Control plan be submitted for the personnel and items.

Information source: Ghulam Mujtaba, (352) 625-6685 The State Construction Office.

Background data: The Department prestressed concrete quality control inspector certificates will expire in 2007. Starting January 1, 2008, all inspectors should have PCI quality control certificates and certificate of completion of 450 specification examination. For more information please contact Jim Musselman at 352-955-2905 or Susan Blazo at 352-955-6633.

Recommended Usage Note: All contracts with Precast Prestressed concrete products.

Expected fiscal impact, if implemented: This change does not have any fiscal impact. We are not teaching the courses. The FDOT certifications will expire this year. The statements about FDOT certifications in 105-5.9 are redundant.

The Contractor will be required to utilize Level I and Level II quality control personnel at the project site, a Contractor Quality Control Plan for project level asphalt items and a QC Manager.

Implementation of these changes, if and when approved, will begin with the January 2008 letting.



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
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STEPHANIE KOPELOUSOS
SECRETARY

MEMORANDUM

DATE: May 22, 2007

TO: Specification Review Distribution List

FROM: Duane F. Brautigam, P.E., State Specifications Engineer

SUBJECT: Proposed Specifications Change: 1050509-Contractor Quality Control General Requirements

In accordance with Specification Development Procedures, we are sending you a copy of a proposed new specification change for Contractor Quality Control General Requirements.

This change was proposed Tom Malerk of the State Materials Office to delete certificate exemption requirements for prestressed concrete inspectors and quality control facility managers, certified as quality control inspectors.

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 SP965DB or duane.brautigam@dot.state.fl.us. Comments received after June 19, 2007 may not be considered. Your input is encouraged.

DFB/sh

Attachment

COMMENTS:

Submitted by:

Phone #:

CONTRACTOR QUALITY CONTROL GENERAL REQUIREMENTS.
(REV ~~4-23-075-18-075-22-07~~)

ARTICLE 105-1(of the Supplemental Specifications) is deleted and the following substituted:

105-1 General.

Certain operations require personnel with specific qualifications. Certain materials require production under an approved Quality Control (QC) Plan to ensure that these materials meet the requirements of the Contract Documents. Applicable materials are identified in 6-8. ~~Materials that are listed as exceptions in 6-8 as well as those materials that are not listed in 6-8 do not require QC documentation.~~ For all applicable materials included in the Contract, submit a QC Plan prepared in accordance with the requirements of this Section, to the Engineer. Do not incorporate any of these materials into the project prior to the Engineer's approval of the QC Plan.

SUBARTICLES 105-5.6 and 105-5.6.1 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.6 Asphalt Quality Control Personnel: ~~When the Contractor has identified Option 2 Mixture Acceptance for Traffic Levels A and B, no qualified personnel are required.~~

105-5.6.1 Plant Technicians: For asphalt plant operations, provide a QC technician, qualified as a CTQP Asphalt Plant Level II technician, available at the asphalt plant at all times when producing mix for the Department. Perform all asphalt plant related testing with a CTQP Asphalt Plant Level I technician. *When the Contractor has identified Option 2 Mixture Acceptance for Traffic Levels A and B, no qualified personnel are required at the plant.*

SUBARTICLE 105-5.9 (of the Supplemental Specifications) is deleted and the following substituted:

105-5.9 Prestressed Concrete Plant-Facility Quality Control Personnel: Ensure each plant has an on site production manager, an on site Facility Manager for Quality Control, a plant engineer, and adequate on site QC inspectors/technicians to provide complete QC inspections and testing.

Ensure the Facility Manager for Quality Control has at least five years of related experience and a current PCI QC personnel Level III certification and a certificate of completion of Section 450 Specification examination. Ensure that the QC inspector/technician has current PCI QC Technician/Inspector Level II certification and a certificate of completion of Section 450 Specification examination.

Ensure that the batch plant operators of the ready mixed concrete batch plants meet the requirements of Section 9.2 of the Materials Manual. Ensure that the batch plant operators of the centrally mixed concrete plants, shall meet the requirements of 105-5.11.1.4.2 or Section 9.2 of the Materials Manual. ~~Department certified prestressed concrete inspectors are exempt from PCI Level II certification and from completion of Section 450 Specification examination, until the time of expiration of their certificates. Facility Managers for Quality Control certified by the Department as prestressed concrete inspectors are exempt from PCI~~

~~Level III certification and from completion of Section 450 Specification examination, until the time of expiration of their certificates.~~