



# Florida Department of Transportation

**CHARLIE CRIST**  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

**STEPHANIE KOPELOUSOS**  
SECRETARY

December 17, 2008

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section 105  
Proposed Specification: 1050807 Quality Control General Requirements

Dear Ms. Gourdine:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Tom Malerk of the State Materials Office to align the titles of qualified personnel with the Construction Training Qualification Manual and to add the qualifications for the concrete mix designer.

Please review and transmit your comments, if any, within four weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4110.

Sincerely,

Signature on File

Rudy Powell, Jr., P.E.  
State Specifications Engineer

RP/ft  
Attachment

cc: Gregory Jones, Chief Civil Litigation  
Florida Transportation Builders' Assoc.  
State Construction Engineer

**QUALITY CONTROL GENERAL REQUIREMENTS.****(REV ~~6-23-08~~~~10-14-08~~12-04-08)**

Subarticle 105-8.7.4 (of the Supplemental Specifications) is deleted and the following substituted:

**105-8.7.4 Concrete Production Facility Manager for Quality Control:**

Ensure each concrete production facility has a Facility Manager for QC with the following qualifications:

1. CTQP Concrete Laboratory Technician Level I, **CTQP** Concrete Field Technician-Level I, and **CTQP** Batch Plant Operator. As alternatives to these qualifications, the Department will accept:

Prestressed Concrete Institute (PCI) Level III or

National Ready Mixed Concrete Association (NRMCA)

Concrete Technologist Level II, as equivalent qualifications.

2. Three years of QC experience directly related to cement concrete production.

3. Demonstrated proficiency in implementing, supervising, and maintaining surveillance over a QC Program.

4. Experience and certification in performance of required QC tests and statistical evaluation of QC test results.

Subarticle 105-8.7 (of the Supplemental Specifications) is expanded by the following new subarticle:

***105-8.7.5 Concrete ~~Lab Technician—Level II~~Mix Designer: Ensure all mix designs are developed by individuals who are qualified under one of the following:***

***1. CTQP Concrete Lab Technician Level II;***

***2. National Ready Mix Concrete Association Level 2 Production Control Technician Certification;***

***3. Precast Concrete Pipe, Box Culverts, Drainage Structures, and Incidental Precast Concrete Level II Quality Control Inspectors meeting the requirements of 105-8.11; or***

***4. PCI Quality Control Level III certification.***

**QUALITY CONTROL GENERAL REQUIREMENTS****(REV 12-04-08)**

Subarticle 105-8.7.4 (of the Supplemental Specifications) is deleted and the following substituted:

**105-8.7.4 Concrete Production Facility Manager for Quality Control:**

Ensure each concrete production facility has a Facility Manager for QC with the following qualifications:

1. CTQP Concrete Laboratory Technician Level I, CTQP Concrete Field Technician-Level I, and CTQP Batch Plant Operator. As alternatives to these qualifications, the Department will accept:

Prestressed Concrete Institute (PCI) Level III or

National Ready Mixed Concrete Association (NRMCA)

Concrete Technologist Level II, as equivalent qualifications.

2. Three years of QC experience directly related to cement concrete production.

3. Demonstrated proficiency in implementing, supervising, and maintaining surveillance over a QC Program.

4. Experience and certification in performance of required QC tests and statistical evaluation of QC test results.

Subarticle 105-8.7 (of the Supplemental Specifications) is expanded by the following new subarticle:

**105-8.7.5 Concrete Mix Designer:** Ensure all mix designs are developed by individuals who are qualified under one of the following:

1. CTQP Concrete Lab Technician Level II;

2. National Ready Mix Concrete Association Level 2 Production Control Technician Certification;

3. Precast Concrete Pipe, Box Culverts, Drainage Structures, and Incidental Precast Concrete Level II Quality Control Inspectors meeting the requirements of 105-8.11; or

4. PCI Quality Control Level III certification.