

ORINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR (The person who receives or originates the issue and needs to forward the issue for action.)

Specification: 105

Subject: Quality Control General Requirements

Origination date: May 28, 2009

Originator: Greg Sholar

Office/Phone: State Materials Office / 352.955.2920

Problem statement: Address issues related to CTQP personnel qualifications, contractor test laboratory location and falsification of test data.

Proposed solution: Added wording to provide the names of the CTQP certifications held and the expiration dates for each certification for each technician, requires prior notification to the Engineer and accrediting lab prior to moving a testing lab location and provides that the Engineer can revoke a laboratory's qualification for falsification of test data.

Information source: District staff.

Recommended Usage Note: All asphalt projects.

Estimated fiscal impact, if implemented: None.

Implementation of these changes, if and when approved, will begin with the January 2010 letting.



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

M E M O R A N D U M

DATE: June 10 2009

TO: Specification Review Distribution List

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

SUBJECT: Proposed Specification: 1050502, Guidelines for Development of the Quality Control Plan

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Tom Malerk to provide the names of the CTQP certifications held and the expiration dates for each certification for each technician, to require notification to the Engineer and accrediting lab prior to moving a testing lab location, and provides that the Engineer can revoke a laboratory's qualification for falsification of test data.

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 ST986RP or rudy.powell@dot.state.fl.us. Comments received after July 10, 2009, may not be considered. Your input is encouraged.

RP/dr
Attachment

**GUIDELINES FOR DEVELOPMENT OF THE QUALITY CONTROL PLAN.
(REV 6-1-09)**

SUBARTICLE 105-5.2.1 (Page 140) is deleted and the following substituted:

105-5.2.1 Qualifications: Submit the Training Identification Numbers (TIN) for all technicians performing sampling, testing and inspection for both field and laboratory tests. *Provide the names of the CTQP certifications held and the expiration dates for each certification for each technician.* Include employed and subcontracted technicians.

ARTICLE 105-6 (Page 142) is deleted and the following substituted:

105-6 Lab Qualification Program.

Testing Laboratories participating in the Department's Acceptance Program must have current Department qualification when testing materials that are used on Department projects. In addition, they must have one of the following:

- a. Current AASHTO (AAP) accreditation.
- b. Inspected on a regular basis per ASTM D 3740 for earthwork, ASTM D 3666 for asphalt and ASTM C 1077 for concrete for test methods used in the Acceptance Program, with all deficiencies corrected, and under the supervision of a Specialty Engineer.
- c. Current Construction Materials Engineering Council (CMEC) program accreditation or other independent inspection program accreditation acceptable to the Engineer and equivalent to a. or b. above.

After meeting the criteria described above, submit a Laboratory Qualification Application to the Department. The application is available from the Department's website. Obtain the Department's qualification prior to beginning testing. The Department may inspect the laboratory for compliance with the accreditation requirements prior to issuing qualification.

Meet and maintain the qualification requirements at all times. Testing without Department's qualification may result in a rejection of the test results. Continued qualifications are subject to satisfactory results from Department evaluations, including Independent Assurance evaluations. In case of suspension or disqualification, prior to resumption of testing, resolve the issues to the Department's satisfaction and obtain reinstatement of qualification. The following conditions may result in suspension of a laboratory's qualified status:

- a. Failure to timely supply required information.
- b. Loss of accredited status.
- c. Failure to correct deficiencies in a timely manner.
- d. Unsatisfactory performance.
- e. Changing the laboratory's physical location *without notification to the accrediting agency and/or the Department Engineer.*
- f. Delays in reporting the test data in the Department's database.
- g. Incomplete or inaccurate reporting.
- h. Using unqualified technicians performing testing.

Should any qualified laboratory falsify records, the laboratory qualification will be subject to revocation by the ~~DMRE~~Engineer. Falsification of project-related documentation will be subject to further investigation and penalty under state and federal laws.

It is prohibited for any contract laboratory or staff to perform Contractor Quality Control testing and any other Acceptance Program testing on the same contract.