



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JOSÉ ABREU
SECRETARY

April 2, 2004

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301

Re: Office of Design, Specifications
Section 006
Proposed Specification: D0060082.D02 – Control of Materials – QC Program.

Dear Mr. Davis:

We are resubmitting, for your approval, two copies of a proposed Supplemental Specification for Control of Materials – QC Program.

These changes are proposed by Ghulam Mujtaba which requires a Quality Control Plan submittal for the producers of Steel and Miscellaneous Metals products and Galvanized Metal Products.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

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

Sincerely,

Signature on file

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

DFB/jho
Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

400 CONTROL OF MATERIALS – QC PROGRAM.
(REV ~~1-29-042-5-042-26-043-18-04~~)

SUBARTICLE 6-8.1 (of the Supplemental Specifications) is deleted and the following substituted:

6-8.1 General: Meet the requirements of the Department’s approved Quality Control Program for the production and construction of Asphalt Mix, Portland Cement Concrete (Structural), Earthwork, Cementitious Materials, Timber, *Steel and Miscellaneous Metals, Galvanized Metal Products*, Prestressed and/or Precast Concrete Products and Drainage Products. Also include transportation, storage, placement and other related construction operations required by the Contract.

When accreditation or certification is required, make supporting documents from the two previous inspections performed by the accrediting or certifying agency available to the Department upon request.

Obtain Department approval prior to beginning production. Meet and maintain the approved QC Program requirements at all times. Production and construction of these products without the Department’s prior approval of a Quality Control Program may result in rejection of the products. Continued approval will be subject to satisfactory results from Department evaluations, including the Independent Assurance program. In cases of non-compliance with the approved Quality Control Program, identify all affected material and do not incorporate or supply to the Department projects. The following conditions may result in suspension of a QC Program:

- a. Failure to timely supply information required.
- b. Repeated failure of material to meet Standard Specification requirements.
- c. Failure to take immediate corrective action relative to deficiencies in the performance of the QC program.
- d. Certifying materials that are not produced under an approved QC program for use on Department projects.
- e. Failure to correct any deficiencies related to any requirement of the QC program, having received notice from the Department, within the amount of time defined in the notice.

SUBARTICLE 6-8.2 (of the Supplemental Specifications) is deleted and the following substituted:

6-8.2. Producers of Asphalt Mixes, Portland Cement Concrete (Structural), Earthwork, Cementitious Materials, Timber, *Steel and Miscellaneous Metals, Galvanized Metal Products*, Prestressed and/or Precast Concrete Products and Drainage Products: Have an approved Quality Control Program, developed in accordance with the guidelines in Section 105, during the production of materials to be used on Department projects. In addition to

meeting the requirements of Section 105, the producers of Portland Cement Concrete will meet the requirements Chapter 9.2, Concrete Production Facility Guidelines, of the Department's Materials Manual.

SUBARTICLE 6-8.4 (of the Supplemental Specifications) is deleted and the following substituted:

6-8.4 Quality Control Program Approval: Producers of cementitious materials and aggregates must submit their proposed Quality Control Program to the State Materials Office for ~~acceptance~~approval.

Producers of Asphalt Mixes, Portland Cement Concrete (Structural), Earthwork, Timber, *Steel and Miscellaneous Metals, Galvanized Metal Products*, Prestressed and/or Precast Concrete Products and Drainage Products must submit their proposed Quality Control Program to the local District Materials Office for acceptance. *Producers located outside the State must contact the State Materials Office for address information of the District Materials Office responsible for the review of the proposed Quality Control Program.*

Steel and Miscellaneous Metal products are steel bridge components, movable bridge components, overhead cantilevered sign supports, ladders and platforms, bearings, end wall grates, roadway gratings, metal drainage components, steel expansion joint and components, shear connectors, pipe handrails, galvanized steel woven wire farm fence, and guardrail.

The Department will respond to the producer within 21 calendar days of receipt of the proposed ~~program~~ *Quality Control Program*. The Department may perform evaluation activities to verify compliance with submitted documents prior to acceptance.

If the Quality Control Program must be revised for any reason, including non-compliance, submit the revision to the Department. The Department will respond to the producer within 7 calendar days of receipt of the revised ~~program~~ *Quality Control Program*.

**CONTROL OF MATERIALS – QC PROGRAM.
(REV 3-18-04)**

SUBARTICLE 6-8.1 (of the Supplemental Specifications) is deleted and the following substituted:

6-8.1 General: Meet the requirements of the Department’s approved Quality Control Program for the production and construction of Asphalt Mix, Portland Cement Concrete (Structural), Earthwork, Cementitious Materials, Timber, Steel and Miscellaneous Metals, Galvanized Metal Products, Prestressed and/or Precast Concrete Products and Drainage Products. Also include transportation, storage, placement and other related construction operations required by the Contract.

When accreditation or certification is required, make supporting documents from the two previous inspections performed by the accrediting or certifying agency available to the Department upon request.

Obtain Department approval prior to beginning production. Meet and maintain the approved QC Program requirements at all times. Production and construction of these products without the Department’s prior approval of a Quality Control Program may result in rejection of the products. Continued approval will be subject to satisfactory results from Department evaluations, including the Independent Assurance program. In cases of non-compliance with the approved Quality Control Program, identify all affected material and do not incorporate or supply to the Department projects. The following conditions may result in suspension of a QC Program:

- a. Failure to timely supply information required.
- b. Repeated failure of material to meet Standard Specification requirements.
- c. Failure to take immediate corrective action relative to deficiencies in the performance of the QC program.
- d. Certifying materials that are not produced under an approved QC program for use on Department projects.
- e. Failure to correct any deficiencies related to any requirement of the QC program, having received notice from the Department, within the amount of time defined in the notice.

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6-8.2. Producers of Asphalt Mixes, Portland Cement Concrete (Structural), Earthwork, Cementitious Materials, Timber, Steel and Miscellaneous Metals, Galvanized Metal Products, Prestressed and/or Precast Concrete Products and Drainage Products: Have an approved Quality Control Program, developed in accordance with the guidelines in Section 105, during the production of materials to be used on Department projects. In addition to

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