



Florida Department of Transportation

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SECRETARY

MEMORANDUM

DATE: November 5, 2015

TO: Specification Review Distribution List

FROM: Daniel Scheer, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **0060103 Control of Materials.**

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

This change was proposed by Amy Tootle of the State Construction Office to require all construction-related documentation to be submitted by electronic means for consistency with the State Construction Office e-Construction initiative.

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 online at <http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> . Comments received after **December 3, 2015**, may not be considered. Your input is encouraged.

DS/dt
Attachment

CONTROL OF MATERIALS. (REV 10-26-15)

ARTICLE 6-1.3 is deleted and the following substituted:

6-1.3 Certification:

6-1.3.1 Manufacturer Certification: ~~Provide~~ Submit complete certifications for materials as required. ~~Furnish~~ Submit to the Engineer for approval, manufacturer certifications for all products listed on the Approved Product List (APL) and when required by the applicable material specifications. Do not incorporate any manufactured product or material into the project without approval from the Engineer. Materials will not be considered for payment when not accompanied by a manufacturer certification. Manufacturers may obtain sample APL certification forms on the Department's website at the following URL:

<http://www.dot.state.fl.us/statematerialsoffice/administration/resources/library/publications/certifications/sampleforms.shtm> . Ensure that the certification is ~~provided~~ submitted on the manufacturer's letterhead and is signed by a legally responsible person from the manufacturer and notarized.

6-1.3.1.1 Approved Product List: The Product Evaluation Section in the State Specifications and Estimates Office maintains the APL. This list provides assurance to Contractors, consultants, designers, and Department personnel that specific products and materials are approved for use on Department facilities. The Department will limit the Contractor's use of products and materials that require use of APL items to those listed on the APL effective at the time of placement. References to the Qualified Products List (QPL) will be synonymous with the APL in all Contract Documents.

Manufacturers seeking to have a product evaluated for the APL must submit a product evaluation application, available on the Department's website at the following URL: <http://www.dot.state.fl.us/programmanagement/ProductEvaluation/Default.shtm> with supporting documentation as defined and detailed by the applicable Specifications and Design Standards. All required test reports must be conducted by an independent laboratory or other independent testing facility. All required drawings and calculations must be signed and sealed by a Professional Engineer licensed in the State of Florida. The application must be signed by a legally responsible person from the manufacturer. Manufacturer name and material designation (product name, style number, etc.) ~~provided~~ submitted on the application shall be the same as identified on product packaging and labels.

Products that have successfully completed the Department's evaluation process are eligible for inclusion on the APL. Before the approved product is posted on the APL, manufacturers are required to submit a photograph of the approved device or the approved material label. Manufacturers of APL approved products are required to resubmit the product for APL approval when any modifications or alterations are made to an approved product. This includes, but is not limited to, design, materials, fabrication methods or operational modifications. Notification of modifications or alterations must be submitted along with supporting documents for review and approval by the Department. The Department will consider any marked variations from original test values for a product, failure to notify the Department of any modifications or alterations, or any evidence of inadequate performance of a product as sufficient evidence that the properties of the product have changed, and the Department may remove the product from the APL.

Manufacturers must re-qualify APL products for approval on or before the product's original approval anniversary date. The APL requalification schedule and criteria are available on the Department's website at the following URL:

<http://www.dot.state.fl.us/programmanagement/ProductEvaluation/QPL/ProEvalReqOther.shtm>

The Department will consider failure to perform these actions as sufficient evidence that the properties of the product have changed, and the Department may remove the product from the APL.

6-1.3.2 Contractor Installation Certification: ~~Provide~~ Submit installation certifications as required by the Contract Documents.

SUBARTICLE 6-5.2 is deleted and the following substituted:

6-5.2 Source of Supply-Steel: Use steel and iron produced in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melding and mixing and continuing through the bending and coating stages. A manufactured steel or iron product is complete only when all grinding, drilling, welding, finishing and coating have been completed. If a domestic product is taken outside the United States for any process, it becomes foreign source material. When using steel and iron as a component of any manufactured product incorporated into the project (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply, except that the manufacturer may use minimal quantities of foreign steel and iron when the cost of such foreign materials does not exceed 0.1% of the total Contract amount or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. ~~Provide~~ Submit a certification from the manufacturer of steel or iron, or any product containing steel or iron as a component, stating that all steel or iron furnished or incorporated into the furnished product was manufactured in the United States in accordance with the requirements of this specification and the Buy America provisions of 23 CFR 635.410, as amended. Such certification shall also include (1) a statement that the product was produced entirely within the United States, or (2) a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at \$ (actual value). ~~Furnish~~ Submit each such certification to the Engineer prior to incorporating the material into the project. Prior to the use of foreign steel on a project, ~~furnish~~ submit invoices to document the cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project.