

## **006 QUALITY CONTROL PROGRAM.**

**(REV 12-19-01) (FA 1-3-02) (7-02)**

SECTION 6 (Pages 49-54) is expanded by the addition of the following new Articles:

### **6-8 Quality Control Program.**

Meet the requirements of the Department approved Quality Control Program for the production and construction of asphalt, portland cement concrete (structural), earthwork, cementitious materials, timber, prestressed 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 available to the Department upon request, supporting documents from the two previous inspections.

Obtain Department approval prior to beginning production. Meet and maintain the qualification 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 Department approval will be subject to satisfactory results from periodic evaluations, including Independent Assurance program. In case of non-compliance with the approved Quality Control Program, identify all affected material and do not incorporate or supply to the Department projects.

#### **6-8.1 Material Producers.**

**6-8.1.1 Producers of Asphalt Mixes, Portland Cement Concrete (Structural), Earthwork, Cementitious Materials, Timber, and Precast Drainage Products:** Have an approved Quality Control Program, developed in accordance with the guidelines specified in 105-3, during production of materials to be used on Department projects. In addition to 105-3, the producers of Portland cement concrete will meet the requirements Chapter 9.2, Concrete production Facility Guidelines, of the Department's Materials Manual.

**6-8.1.2 Prestressed Concrete Plants:** Ensure that prestressed concrete plants participating in the Department's Acceptance Program are qualified. Obtaining qualification will require a current PCI certification and an approved Quality Control Plan, developed in accordance with the guidelines specified in 105-3.

**6-8.1.3 Quality Control Program Approval Process.** Producers of cementitious materials, metal and plastic pipes, and aggregates must submit their proposed Quality Control Program to the State Materials Office for approval.

Producers of asphalt mixes, portland cement concrete (structural), earthwork, prestressed concrete products, timber, and precast drainage products must submit their proposed Quality Control Program to the local District Materials Office for approval.

The Department will respond to the producer within 21 calendar days of receipt of the proposed program. The Department may perform evaluation to verify compliance with submitted documents prior to approval.

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.

**6-8.2 Contractor's Quality Control Program.** Have an approved Quality Control Program meeting the requirements of Section 105 for the transportation, storage, placement, and other related construction operations required by the Contract.

### **6-9 Laboratory Qualification Program.**

Testing Laboratories participating in the Department's Acceptance Program must be qualified under one of the following and have current Department approval during testing of Department products:

- 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. Construction Materials Engineering Council (CMEC) program and other independent inspection programs acceptable to the Engineer and equivalent to a or b above.

Obtain Department approval prior to beginning testing. The application is available from the Department's website:  
<http://www11.myflorida.com/statematerialsoffice/Administration/Publications/publications.htm>

Meet and maintain the qualification requirements at all times. Testing without the Department's prior approval may result in rejection of the test results. Continued Department approval will be subject to satisfactory results from periodic evaluations, including Independent Assurance program. In case of disapproval, resolve the issues to the Department's satisfaction and obtain approval prior to further testing.