

Sub-Part 7201 – Materials

Chapter 02100 Materials Producer and Supplier Requirements for providing materials to be used for work completed under the supervision of the Mississippi Department of Transportation.

Purpose

- 100 To establish a procedure for sampling, testing, inspection, reporting, and/or acceptance of various materials used for work completed under the supervision of the Mississippi Department of Transportation.
- 101 The Mississippi Department of Transportation inspects the manufacture, obtains and tests samples, and reports results of tests of materials produced by various producers and suppliers for acceptance for use on Department projects. The Materials Division of the Mississippi Department of Transportation is responsible for administering these duties.
- 102 The Mississippi Department of Transportation, Materials Division must inspect the manufacture, obtain and test samples, and report results of tests of materials produced at the following types of facilities:
1. Concrete Pipe Plants;
 2. Metal Pipe Plants;
 3. Wood Treating Plants;
 4. Bituminous Binder Refineries;
 5. Hot Mix Asphalt and Ready Mix Concrete Plants;
 6. Product Manufacturer Terminals;
 7. Out-of-State Aggregate Plants;
 8. Pre-cast and Pre-stressed Concrete Plants;
 9. Traffic Striping Materials
 10. Various other manufacturing plants.
- 103 The branch responsible for completion of these duties within the Materials Division is the Field Operations Branch. In order to accomplish these tasks, the Materials Division has developed and maintains for publication the Mississippi Department of Transportation *Materials Division Inspection, Testing, and Certification Manual*. This manual contains uniform standards and procedures that have been established for the inspection, sampling, and testing of materials by the Mississippi Department of Transportation. The Producer shall notify the Field Operations Engineer of the Materials Division as far in advance as possible when products will be ready for inspection.
- 104 The Mississippi Department of Transportation *Materials Division Inspection, Testing, and Certification Manual* details the specific procedures to which material producers and suppliers must adhere in order to certify and supply acceptable materials for Department work. Listed below, but not limited to, are material categories for which Inspection, Sampling, Testing, and Certification procedures have been developed:

1. Stone Rip Rap;
2. Preformed Joint Filler;
3. Steel Wire Fabric (Wire Mesh);
4. Traffic Paint;
5. Performance Graded Asphalt Binders;
6. Precast Concrete Box Culverts;
7. Glass Beads;
8. Raised Pavement Markers and Adhesive;
9. Treated Timber Products;
10. Thermoplastic Traffic Stripe;
11. Concrete Fence Posts and Right of Way Markers;
12. Reinforcing Steel;
13. Corrugated Metal Pipe and Pipe Arches;
14. Non-Metal Pipe, Flared End Sections and Cattlepasses;
15. Miscellaneous other materials as applicable to construction projects supervised by the Mississippi Department of Transportation

- 105 All materials, the manufacturing process, and the finished units shall be subject to have free entry on the premises of a Producer, Supplier, and/or Broker of an applicable material for the purpose of inspection, sampling, and designation of material approval. The Inspector shall be furnished with the necessary equipment and labor to assist in the performance of testing and inspection of material(s). Calibration of all applicable testing equipment shall be completed at the minimum required intervals outlined by the equipment manufacturer, or as deemed necessary by the State Materials Engineer and set forth in the Mississippi Department of Transportation *Materials Division Inspection, Testing, and Certification Manual*.
- 106 Upon product approval, the producer shall be responsible for sending a copy of the shipping ticket or documentation otherwise specified in the *Materials Division Inspection, Testing, and Certification Manual*, with each shipment, for the Project Engineer and/or the Field Operations Branch of the Materials Division.
- 107 Failure to comply with all applicable requirements herein or as set forth in the Mississippi Department of Transportation *Materials Division Inspection, Testing, and Certification Manual* will be cause to have a company removed from the applicable approved list and/or disapproval of the material to be supplied.
- 108 Individuals interested in obtaining information pertinent to inspection, sampling, testing, and certification procedures for materials supplied for Mississippi Department of Transportation projects should refer to the current edition of the Mississippi Department of Transportation *Materials Division Inspection, Testing, and Certification Manual*. The above referenced manual is available per request to the Materials Division at the Mississippi Department of Transportation at the following address:

State Materials Engineer

Mississippi Department of Transportation
P.O. Box 1850
Jackson, Mississippi 39215-1850

109 In addition, this manual is currently available online at www.gomdot.com.