

Special Provision to Item 006

Control of Materials



Item 6, “Control of Materials” of the Standard Specifications is amended with respect to the clauses cited below. No other clauses or requirements of this Item are waived or changed.

Section 1.1, “Buy America,” The section is removed and replaced by the following:

Comply with the latest provisions of Build America, Buy America Act (BABA Act) of the Bipartisan Infrastructure Law which restricts funds being made available from Federal financial assistance programs unless all the iron products, steel products, manufactured products, and construction materials used in the project are produced in the United States. Use steel or iron products, manufactured products, or construction materials produced in the United States except when:

- a waiver exists exempting the material from Buy America compliance
- the cost of materials, including delivery, does not exceed 0.1% of the total Contract cost or \$2,500, whichever is greater,
- the Contract contains an alternate item for a foreign source product and the Contract is awarded based on the alternate item, or
- the materials are temporarily installed.

For construction materials submit a notarized original of TxDOT Construction Material Buy America Certification Form (Department Form 2806) with the proper attachments for verification of compliance.

Construction Materials are classified as an article, material, or supply—other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives—that is or consists primarily of:

- Non-ferrous metals,
- plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables),
- Glass (including optic glass)
- Lumber, or
- Drywall.

Details shown on the plans provide additional clarification on Buy America requirements for this project.

For steel or Iron materials submit a notarized original of the FORM D-9-USA-1 (Department Form 1818) with the proper attachments for verification of compliance. For Steel or Iron materials the manufacturing process includes any process that modifies the chemical content, physical shape or size, or final finish of a product. The manufacturing process begins with initial melting and mixing and continues through fabrication (cutting, drilling, welding, bending, etc.) and coating (paint, galvanizing, epoxy, etc.).

Article 4., “Sampling, Testing, and Inspection,” is supplemented by the following:

Meet with the Engineer and choose either the Department or a Department-selected Commercial Lab (CL) for conducting the subset of project-level sampling and testing shown in Table 1, “Select Guide Schedule Sampling and Testing.” Selection may be made on a test by test basis. CLs will meet the testing turnaround times shown (includes test time and time for travel and sampling and reporting) and in all cases issue test reports as soon as possible.

If the Contractor chooses a Department-selected CL for any Table 1 sampling and testing:

- notify the Engineer, District Lab, and the CL of project scheduling that may require CL testing;
- provide the Engineer, District Lab, and CL at least 24 hours' notice by phone or e-mail;
- reimburse the Department for CL Table 1 testing using the contract fee schedule for the CL (including mileage, travel, and stand time) at the minimum guide schedule testing frequencies;
- reimburse the Department for CL Table 1 testing above the minimum guide schedule testing frequencies for retesting when minimum frequency testing results in failures to meet specification limits;
- agree with the Engineer and CL upon a policy regarding notification for testing services;
- give any cancellation notice to the Engineer, District Lab, and CL by phone or e-mail;
- reimburse the Department a \$150 cancellation fee to cover technician time and mileage charges for previously scheduled work cancelled without adequate notice, which resulted in mobilization of technician and/or equipment by the CL; and
- all CL charges will be reimbursed to the Department by a deduction from the Contractor's monthly pay estimate.

If the CL does not meet the Table 1 turnaround times, testing charge to the Contractor will be reduced by 50% for the first late day and an additional 5% for each succeeding late day.

Approved CL project testing above the minimum testing frequencies in the Guide Schedule of Sampling and Testing, and not as the result of failing tests, will be paid by the Department.

Other project-level Guide Schedule sampling and testing not shown on Table 1 will be the responsibility of the Department.

Table 1
Select Guide Schedule Sampling and Testing (Note 1)

| TxDOT Test | Test Description | Turn-Around Time (Calendar days) |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| SOILS/BASE | | |
| Tex-101-E | Preparation of Soil and Flexible Base Materials for Testing (included in other tests) | |
| Tex-104-E | Liquid Limit of Soils (included in 106-E) | |
| Tex-105-E | Plastic Limit of Soils (included in 106-E) | |
| Tex-106-E | Calculating the Plasticity Index of Soils | 7 |
| Tex-110-E | Particle Size Analysis of Soils | 6 |
| Tex-113-E | Moisture-Density Relationship of Base Materials | 7 |
| Tex-114-E | Moisture-Density Relationship of Subgrade and Embankment Soil | 7 |
| Tex-115-E | Field Method for In-Place Density of Soils and Base Materials | 2 |
| Tex-116-E | Ball Mill Method for the Disintegration of Flexible Base Material | 5 |
| Tex-117-E, Part II | Triaxial Compression Tests For Disturbed Soils and Base Materials (Part II) | 6 |
| Tex-113-E w/ Tex-117-E | Moisture-Density Relationship of Base Materials with Triaxial Compression Tests For Disturbed Soils and Base Materials (Part II) | 10 |
| Tex-140-E | Measuring Thickness of Pavement Layer | 2 |
| Tex-145-E | Determining Sulfate Content in Soils - Colorimetric Method | 4 |
| HOT MIX ASPHALT | | |
| Tex-200-F | Sieve Analysis of Fine and Coarse Aggregate (dry, from ignition oven with known correction factors) | 1 (Note 2) |
| Tex-203-F | Sand Equivalent Test | 3 |
| Tex-206-F , w/ Tex-207-F , Part I, w/ Tex-227-F | (Lab-Molded Density of Production Mixture – Texas Gyrotory) Method of Compacting Test Specimens of Bituminous Mixtures with Density of Compacted Bituminous Mixtures, Part I - Bulk Specific Gravity of Compacted Bituminous Mixtures, with Theoretical Maximum Specific Gravity of Bituminous Mixtures | 1 (Note 2) |
| Tex-207-F , Part I &/or Part VI | (In-Place Air Voids of Roadway Cores) Density of Compacted Bituminous Mixtures, Part I - Bulk Specific Gravity of Compacted Bituminous Mixtures &/or Part VI - Bulk Specific Gravity of Compacted Bituminous Mixtures Using the Vacuum Method | 1 (Note 2) |

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| Tex-207-F , Part V | Density of Compacted Bituminous Mixtures, Part V - Determining Mat Segregation using a Density-Testing Gauge | 3 |
| Tex-207-F , Part VII | Density of Compacted Bituminous Mixtures, Part VII - Determining Longitudinal Joint Density using a Density-Testing Gauge | 4 |
| Tex-212-F | Moisture Content of Bituminous Mixtures | 3 |
| Tex-217-F | Deleterious Material and Decantation Test for Coarse Aggregate | 4 |
| Tex-221-F | Sampling Aggregate for Bituminous Mixtures, Surface Treatments, and LRA (included in other tests) | |
| Tex-222-F | Sampling Bituminous Mixtures (included in other tests) | |
| Tex-224-F | Determination of Flakiness Index | 3 |
| Tex-226-F | Indirect Tensile Strength Test (production mix) | 4 |
| Tex-235-F | Determining Draindown Characteristics in Bituminous Materials | 3 |
| Tex-236-F (Correction Factors) | Asphalt Content from Asphalt Paving Mixtures by the Ignition Method (Determining Correction Factors) | 4 |
| Tex-236-F | Asphalt Content from Asphalt Paving Mixtures by the Ignition Method (Production Mixture) | 1 (Note 2) |
| Tex-241-F w/ Tex-207-F , Part I, w/ Tex-227-F | (Lab-Molded Density of Production Mixture – Superpave Gyrotory) Superpave Gyrotory Compacting of Specimens of Bituminous Mixtures (production mixture) with Density of Compacted Bituminous Mixtures, Part I- Part I - Bulk Specific Gravity of Compacted Bituminous Mixtures, with Theoretical Maximum Specific Gravity of Bituminous Mixtures | 1 (Note 2) |
| Tex-242-F | Hamburg Wheel-Tracking Test (production mix, molded samples) | 3 |
| Tex-244-F | Thermal Profile of Hot Mix Asphalt | 1 |
| Tex-246-F | Permeability of Water Flow of Hot Mix Asphalt | 3 |
| Tex-280-F | Flat and Elongated Particles | 3 |
| Tex-530-C | Effect of Water on Bituminous Paving Mixtures (production mix) | 4 |
| AGGREGATES | | |
| Tex-400-A | Sampling Flexible Base, Stone, Gravel, Sand, and Mineral Aggregates | 3 |
| Tex-410-A | Abrasion of Coarse Aggregate Using the Los Angeles Machine | 5 |
| Tex-411-A | Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate | 12 |
| Tex-461-A | Degradation of Coarse Aggregate by Micro-Deval Abrasion | 5 |
| CHEMICAL | | |
| Tex-612-J | Acid Insoluble Residue for Fine Aggregate | 4 |
| GENERAL | | |
| HMA Production Specialist [TxAPA – Level 1-A] (\$/hr) | | |
| HMA Roadway Specialist [TxAPA – Level 1-B] (\$/hr) | | |
| Technician Travel/Standby Time (\$/hr) | | |
| Per Diem (\$/day – meals and lodging) | | |
| Mileage Rate (\$/mile from closest CL location) | | |
| Note 1– Turn-Around Time includes test time and time for travel/sampling and reporting. | | |
| Note 2 – These tests require turn-around times meeting the governing specifications. Provide test results within the stated turn-around time. CL is allowed one additional day to provide the signed and sealed report. | | |