

Putnam County Vendor Fair

08.23.18

Ron Stanevich, PE WVDOH

Materials Control, Soils, & Testing Division



Materials Control Soils And Testing Division

190 Dry Branch Drive,
Charleston WV, 25306

Phone: 304.558.3160
Fax: 304.558.0253

- Our mission purpose is to assure the highest quality of all materials and material processes are incorporated into West Virginia roadway system ensuring they are designed, produced, tested and placed to meet the preservation, safety and performance standards of the West Virginia Division of Highways.
- We do this through the use of a Quality Assurance System including testing and are the central Division located in Charleston, WV.
- Approval of New Products, Approved Sources of Material Supply, Welder Certifications, Inspector Construction Certification Programs, and various Material Consultant Inspection Contracts all fall within the scope of this Division's mission.

New Product / Process Evaluation Procedure

Materials Procedure:
106.00.02

Application: Form HL-468

Email:
DOHNewProducts@WV.gov

- The Materials Control, Soils, & Testing Division (MCS&T) is tasked with reviewing, approving and certifying all materials incorporated into our state's transportation system.
- This includes, steel, concrete, asphalt, and sources of aggregates.
- But it also includes electrical components, erosion control items – including grass seeds and vegetation.
- Somewhere along the process of being used, this Division has seen it looked at it, tested it and basically said it does what it says it will do.
- We are federally mandated to do this.

New Product / Process Evaluation Procedure

Materials Procedure:
106.00.02

Application: Form HL-468

Email:
DOHNewProducts@WV.gov

- To get a new Product or Process approved for use on WVDOH projects the steps are pretty straight forward and described in MP 106.00.02.
- It requires the applicant to complete an application (Form HL-468) where we try to gather as much information about the product/process as we can. Then submit to the email listed on the left.
- Then we review it by sending it to various subject matter experts or reviewing various testing data – we may even test it ourselves.
- If approved for use the applicant will be notified. If it is a very common item it may even be placed on our [approved source / product listing webpage](#).

Consultant Services / Inspection Contracts

link:

<https://transportation.wv.gov/highways/mcst/Pages/UpcomingContracts.aspx>

Contact: Sajid Barlas

304-558-7474

sajid.m.Barlas@wv.gov

MCS&T Division has 8 Consultant Services & Inspection Contracts that we issue on a two year basis.

1. Sampling and Inspection (currently 6 firms selected)
2. Environmental Assessment & Remediation Services (currently 3 firms)
3. Geotechnical Drilling Services (currently 9 firms selected)
4. Engineering Services Related to Materials Testing Division (currently 7 firms selected)
5. Underwater Inspection Services (currently 3 firms selected)
6. Underground & Aboveground Storage Tank Services (currently 3 firms selected)
7. Environmental Laboratory Testing Services (currently 3 firms selected)
8. Cathodic Protection Services (1 firm selected)

Inspector Certification Program

link:

<https://transportation.wv.gov/highways/mcst/Pages/techcert.aspx>

Quality Assurance
Schools Coordinator
(304) 558-9883

The purpose of the West Virginia Division of Highways (WVDOH) Technician and Inspector Certification Program is to improve the quality assurance of Embankments, Subgrades, Base Course, Asphalt and Portland Cement Concrete by the certification of industry and Division of Highways personnel. The Division first started this program in 1965 and currently has approximately 1636 Technicians / Inspectors certified to date.

School Calendar can be found online and consist of the following disciplines:

- Aggregate Technician
- Aggregate Sampling Inspector
- Soil and Aggregate Compaction Technician
- Portland Cement Concrete Technician
- Portland Cement Concrete Inspector
- Asphalt Plant Technician
- Asphalt Field and Compaction Technician

Digging
Deeper

Asphalt Lab /
Mixtures etc

The MCS&T Asphalt Group handles the following material approvals:

- MP 401.02.25 - Certification of Asphalt and Tar shipping terminals:
Dan Phipps (Daniel.E.Phipps@wv.gov)
- MP 401.02.22 Approval of Asphalt Mix Designs
 - Contact DOHAsphalt@wv.gov
- Approval of Asphalt Mixture Plants and Quality Control Labs
 - Section 401.9 of the WV Standard Specifications Roads and Bridges
 - DOHAsphalt@wv.gov

Aggregate and Soil Sources and Materials

David Matics,
David.B.Matics@wv.gov
Phone: (304)-558-9848

James Valleau,
James.L.Valleau@wv.gov
Phone (304)-558-9877

The MCS&T Aggregate and Soils Group handles the following material approvals:

- [700.00.01](#) Sampling and Testing of Materials at the Source (Replaced IM-17)
- [700.00.06](#) Aggregate Sampling Procedures (Replaced ML-26)
- [700.00.51](#) Guide for Quality Control and Acceptance Plans for Purchase Order Contracts for Stone and Aggregate and for Abrasives
- [700.00.55](#) Guidelines for Establishing Approved Lists of Material and Sources
- [703.00.24](#) Source Control of Aggregate

Concrete and Cement Materials

Mike Mance

Mike.A.Mance@wv.gov

The MCS&T Cement and Concrete Group handles the following material approvals:

- MP 700.00.55 - Guidelines for Establishing Approved Lists
- MP 604.02.40 – Precast Concrete Fabricator Approval
 - Adam Gillispie - Adam.M.Gillispie@wv.gov
- MP 603.10.40 – Prestressed Concrete Beam Fabricator Approval
 - Adam Gillispie - Adam.M.Gillispie@wv.gov
- MP 701.01.10 – Cement Mill Approval
 - Mark Dickson – Mark.C.Dickson@wv.gov
- MP 707.04.10 – Pozzolan source Approval
 - Micheal Perrow - Michael.D.Perrow@wv.gov

Metals and Special Materials Group

George Hanna

George.N.Hanna@wv.gov

304.558.9896

The MCS&T Metals and Special Materials Group handles the following material approvals:

- MP 707.02.13 – Steel Sign Posts, Channel Bars
 - Dave Lipscomb 304.558.9840
- MP 615.00.20 – Approved Lists of Welding Electrodes
 - Dave Lipscomb 304.558.9840
- MP 608.02.50 – Steel Fence Posts Studed T Type
 - Dave Lipscomb 304.558.9840
- MP 709.15.50 – Dowel Bars
 - Fred Murrock 304.558.9854
- MP 712.04.50 - Guardrail
 - Mark Ball 304.558.9851
- MP 713.01.50 - Corrugated Metal Pipe
 - Mark Ball 304.558.9851
- ACCEPTANCE CRITERIA TO DESIGNATE A WOOD TREATMENT PLANT AS AN APPROVED SOURCE OF WOOD PRODUCTS
 - <https://transportation.wv.gov/highways/mcst/Material%20Procedures/MP%20710.01.40.pdf>
- Quality Assurance of Fertilizer at Source Fertilizer Acceptance Criteria
 - <https://transportation.wv.gov/highways/mcst/Material%20Procedures/M7000510.pdf>
- Guidelines for Establishing Approved Lists of Material and Sources (This is the standard MP for approved lists.)
 - <https://transportation.wv.gov/highways/mcst/Material%20Procedures/M7000055.PDF>

Environmental and Coatings Group

Chris Preston

Chris.G.Preston@wv.gov

304.558.9860

The MCS&T Environmental and Coatings Group handles the following material approvals:

- MP 711.00.20 – Paint Testing Methods
- MP 711.00.21 – Procedure for Approving Paint Formulations and Production Batches
- MP 711.20.59 – Inorganic Zinc Primer Quality Assurance Procedures
- MP 709.01.50 – Acceptance Criteria to Designate a Production Mill as an Approved Source for Plain Reinforcing Steel Bar
- MP 709.01.51 – Acceptance Criteria for Epoxy Coated Reinforcing Steel

Links and Contacts

Phone: 304.558.3160

Fax: 304.558.0253

- Materials Procedures:
 - <https://transportation.wv.gov/highways/mcst/Pages/MaterialProcedures.aspx>
- New Products/Process Evaluation Procedure:
 - https://transportation.wv.gov/highways/mcst/Pages/newproduct_evaluationprocedure.aspx
 - DOHNewProducts@WV.gov
- Division Approved Source/Product Listing:
 - https://transportation.wv.gov/highways/mcst/Pages/Listings_Sorted.aspx
- Consultant Services & Inspection Contracts
 - <https://transportation.wv.gov/highways/mcst/Pages/UpcomingContracts.aspx>
 - Sajid.M.Barlas@wv.gov
- Technician and Inspector Certification Program:
 - <https://transportation.wv.gov/highways/mcst/Pages/techcert.aspx>
 - Quality Assurance Schools Coordinator
(304) 558-9883
- Approved Source List for Aggregate and Commercial Skid Resistant Sources:
 - <https://transportation.wv.gov/highways/mcst/Documents/2018%20approved%20Lists/Aggregate/CDLST07312018.pdf>

Links and Contacts

(continued)

Phone: 304.558.3160

Fax: 304.558.0253

- ACCEPTANCE CRITERIA TO DESIGNATE A WOOD TREATMENT PLANT AS AN APPROVED SOURCE OF WOOD PRODUCTS
 - <https://transportation.wv.gov/highways/mcst/Material%20Procedures/MP%20710.01.40.pdf>
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 - <https://transportation.wv.gov/highways/mcst/Material%20Procedures/M7000055.PDF>