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Boyd K. Rutherford, *Lt. Governor*



Pete K. Rahn, *Secretary*
Gregory C. Johnson, P.E., *Administrator*

MEMORANDUM

TO: Users of the Material Quality Assurance Processes Manual
Users of the Materials Management System

FROM: Woodrow Hood, Chief *Woody Hood*
Materials Management Division

DATE: November 20, 2015

SUBJECT: Revisions to the Material Quality Assurance Processes Manual and Materials Management System

The following changes have been made to the Material Quality Assurance Processes Manual and the Materials Management System.

General Items

- A 'Frequently Asked Questions' document pertaining to MMS Usage has been created. The document can be found on the Material Quality Resources page (<http://www.roads.maryland.gov/Index.aspx?PageId=51>).
- The links for the "Qualified Steel Producers, Fabricators, and Suppliers" and "Qualified Liquid Coating and Fusion Bonded Powder Manufacturers" documents have been moved from the Material Quality Resources page to the Lists of Qualified Producers and Products page (<http://www.roads.maryland.gov/Index.aspx?PageId=600>).
- A comment field has been added to each of the material listings.

Asphalt Technology Division Items

- Revision of material types in Emulsified Asphalts, Other. CRS-2, CRS-2P and CRS-2L have been merged into one material type under the label "CRS-2". CQS-1h, CQS-1hP and CQS-1hL have been merged into one material type under the label "CQS-1h". The material CSS-1hP has been removed.
- CMS-1 and CMS-2 have been removed from the category Emulsified Asphalts, Tack Coat.
- High Friction Surface Treatment has been added to the Slurry Seals and Micro-Surfacing category.
- "Asphaltic Joint Sealant and Crack Filler" has been moved to the category Pavement Repair Materials in Asphalt Technology Division. It was previously located in Sealers: Qualified Liquid Materials under Materials Management Division. The QA procedures for Pavement Repair Materials have been updated.

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Asphalt Technology Division Items, Cont.

- The material category Slurry Seals and Micro-Surfacing has been renamed Surface Treatments

Concrete Technology Division Items

- Precast Pilaster Cap has been added to the material category Precast Concrete, Miscellaneous.

Landscape Operations Items

- “Type A Compost, Biosolids” and “Type B Compost, Source Separated” have been merged into one material type labeled “Compost”.

Materials Management Items

- Compost Sock has been merged with Filter Log into one material labeled “Filter Log (Compost Sock)”.
- “Asphaltic Joint Sealant and Crack Filler” has been moved to the category Pavement Repair Materials in Asphalt Technology Division. It was previously located in Sealers: Qualified Liquid Materials under Materials Management Division.

Soils and Aggregates Items

- QA options associated with Material Production for Soil Materials, Landscaping Soils has been modified by eliminating the requirement for a facility visit and adding the submittal requirement of a Form 27B with material samples.

Structural Materials and Pavement Markings Items

- Included the Qualified Producers list in the public web page for “Lists of Qualified Producers and Products” (<http://sha.maryland.gov/Index.aspx?PageId=600>).
- Reclassification of High Strength Bolts, Nuts and Washers to the SM Group 2 category (formerly SM Group 3).
- A material comment has been added for Steel Stud Shear Developers. This material should only be used when the studs are welded at the jobsite and is related to specific category code numbers.
- A QA option associated with SM Group 2 materials has been added that requires a TC 1.03 with test data for applicable materials.
- The QA options in SM Group 3 pertaining to Clay Brick and Masonry Concrete Block have been modified to include an alternate sampling option with prior approval from the Metals Team.
- Revision of material types in SM Group 8. “Aluminum Lighting and Signal Structure Assemblies” and “Steel Lighting and Signal Structure Assemblies” have been changed to “Lighting Structures” and “Signal Structures”.

The Material Quality Assurance Manual may be found through the “Material Quality Resources” internet page at: <http://www.roads.maryland.gov/Index.aspx?PageId=51&d=31>

If you have any questions or comments regarding these updates, please contact Benjamin Gilardi at 443-572-5021.