Asphalt Release Agents
Technical Committee Meeting Agenda
Webinar
Thursday, March 9, 2017 11:00AM – 1:00PM (EST)

1) 11:00AM-11:10AM: Call to Order and Introductions

2) 11:10AM-11:20AM: Review of Current Technical Committee Members
   a) See Attached Roster

3) 11:20AM-11:30AM: Brief summary of the Technical Committee
   (for those States who do not participate in quarterly calls or are new to NTPEP)
      a) Asphalt Release Agents are chemical products developed and
         manufactured as alternatives to diesel and solvents commonly used for
         truck bed release agents and cleaning equipment associated with Hot Mix
         Asphaltic Concrete (HMAC) production and placement on government
         and private facilities. The United States Oil Pollution Act of 1980 was
         used as the foundation to build the current program. The intent of asphalt
         release agents is to eliminate harmful stripping products that come into
         contact with bituminous products and strip the asphalt (binding agent)
         from the aggregates causing potholes, raveling, and other detrimental
         pavement failures.

         True ARAs are biodegradable and do not pose a health risk to workers or
         an impact on the environment. When used properly, they provide a barrier
         to the bituminous mixes and allow for very little cleanup of the equipment
         at the end of the day. The testing within this Committee’s Work Plan
         attempts to limit the field reapplication needs of the ARAs, thereby
         increasing the cost effectiveness of these products to make them more
         viable in lieu of diesel and solvents. This Technical Committee’s charge
         is to create a uniform testing protocol which will allow individual State
         DOTs to use the data as specified to formulate their own Qualified or

Commented [t1]: I believe QPL is Qualified Producer List

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Material Producer List (QPL or MPL) in an attempt to reduce duplicative testing and workload within each State.

The Texas DOT is the Lead State as well as the testing laboratory. There will be four (4) testing cycles annually for products. Any additional laboratory or field testing will be at the individual State DOT’s discretion and responsibility.

The NTPEP Technical Committee responsible for authoring the project Work Plan convenes annually at the NTPEP National Meeting. During this working meeting, the Project Work Plan is discussed, changes made, and shortly thereafter balloted for adoption. Improvements are immediately implemented in the next available testing cycle. When compared to other standards development exercises, the NTPEP process is agile, effective, and efficient.

4) 11:30AM-12:30PM: Review of Outstanding Action Items

A. Ultrasonic Test Results – Richard Wilmann
   A. New results spreadsheet was shared
   B. Review of full set from previous testing
   C. It was determined that some changes needed to be made.

   Action Item: Richard would review the spreadsheet with his team at TXDOT and make the necessary corrections. Once the corrections are made Richard will distribute the spreadsheet to the committee for review.

B. States Usage (see spreadsheet)
   A. Assignment of Committee members to:
      1. Contact States for ARA usage status
      2. Educate on the program (NTPEP website)
      3. Convince to adopt or create a specification to require NTPEP results
      4. Richard has been doing this and is looking for committee members to assist in the process.
      5. Richard is a contractor to NTPEP and is currently working on a State Usage Survey for all technical committees within NTPEP.

   Action item: Richard will discuss the status with Bill to see what information he has or if there are any specific questions Richard would like Bill to ask when he is doing his calls. This will allow the Committee to have a more accurate list prior to making calls prior to having the Committee member volunteers listed below start calling.

   6. Volunteers

Commented [t2]: Committee also responsible for developing and maintaining AASHTO TP 102.

Commented [t3]: Is Bill doing this?
a. Kevin Palmer (AR) is willing to call four states
b. Temple Short (SC) is willing to call four states
c. Sabra Gilbert-Young (NV) is willing to call Alaska and Utah
d. Gloria Burke (MD) is going to call West Virginia, Virginia, and Pennsylvania

C. Industry Items – Paul Wilson (Compound Technologies)
   A. Update on the New Ultrasound Stripping Test
   B. Additional Test needed for stripping (Thin Film Hot Plate Stripping Test Procedure)
      – New Test Procedure
         a. A new test procedure is still being worked on. When complete, it will be presented to the committee.
   C. Possible new procedure/process using the FTIR
      (to identify detrimental materials blinded in current FTIR procedure)
         a. FTIR should be run dry. Water can be used to mask certain chemicals.
   D. Spot Checking for Release Agents especially on PFC, SMA, Open Graded Friction Courses, and all other polymer modified mixes
      a. Industry would like spot checking done on site to confirm that the correct ARAs are being used.
      b. Some states currently send out people to spot check.
      c. This is outside the realm of this technical committee, however the committee can recommend that states go out and spot check.

5) 12:15PM-12:30PM: Industry Concerns

A. Flash Point, HMIS in SDS, pH for diluted product. – ChemStation
B. Concerns from Katie Overton (ChemStation)
C. Flash point is not necessary to be run over 400 degrees Fahrenheit because all product are water based and boil at 212 degrees Fahrenheit.
   a) Once the water boils off, the residue left behind could flash prior to 400 degrees Fahrenheit.
   b) Moving forward, the Work Plan requirement of having a Flash Point above 400 degrees Fahrenheit will remain.

      Action item: Ryan will confirm when accepting applications that the water have been evaporated off and the residue did not flash under 400 degree Fahrenheit.

D. The HMIS/NFPA ratings are no longer necessary in the SDS due to the new system changes.
   a) Industry all agree on the call this was correct and not needed.
   b) The state members were ok with this change.

      Action Item: When the next ballot opens this change will be submitted.
E. It is common for manufacturers to have a pH range on their SDS. A range of pH should also be acceptable on the application in DataMine.
   a) The states and manufacturers agree the most important thing with pH is that it complies with EPA regulations and falls in-between 2-12.5.

   Action Item: Ryan will now accept ranges on the application. The manufacturers’ range will be reported as well as the pH that was taken by the NTPEP designated laboratory.

6) 12:30PM-12:45PM: Open Discussion
   a) More comments are requested during testing – the Industry is looking for explanations of why things are changing in the Work Plan and more frequent status of products being tested. The Committee is considering providing comments through the following channels:
      1. On the NTPEP website;
      2. In meeting notes;
      3. Frequently Asked Questions (FAQs);
      4. User Guide;
      5. DataMine 3.0 Timeline.

   Action item: Industry Representatives Dave Fogg and Paul Wilson will work up a submittal and present to the Committee at the next Quarterly Meeting.

7) 12:45PM-12:55PM: Review of Action Items for 2017
   a) See red font above

8) 12:55PM – 1:00PM: Notification of next Quarterly Meeting
   a) The next quarterly call will be held in June 2017.
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