2017 Annual NTPEP Meeting
Boston, MA

Reinforcing Steel (REBAR/WWR)
Technical Committee Meeting Agenda
Working Session #6
Tuesday, March 14, 2017 10:30 AM – 12:00 PM

Please sign the attendance sheet/Ipad

10:30AM-10:40AM: Call to Order and Introductions (Merrill)

10:40AM-11:20AM: Update-Program Status (Merrill)

Review of Membership Roster

Approve minutes from last year’s meeting

Program Purpose (Ed)

The National Transportation Product Evaluation Program (NTPEP) does not approve individual materials. The audit program evaluates the manufacturers’ quality system manual and ensures that it is being followed during day to day production. In addition to the audit the NTPEP program takes random samples of the materials listed in the Project Work Plan for Steel Reinforcement. These materials are tested by both the manufacturer and the NTPEP Designated Laboratory with the results being uploaded into DataMine for the State DOT’s and the audited manufacturer to use however they see fit. Once the audit and testing is complete the manufacturer is listed as “Compliant” on DataMine which the States may use to assist with populating a qualified product list (QPL). Keep in mind that the States may have additional requirements in order to be added to their QPL.

In the event that reinforcing steel material is not covered by the NTPEP audit program, the States have the option of using the NTPEP audit program as a prerequisite. The recommended method of acceptance for materials not under the NTPEP program would be; require that the manufacturer be listed as “Compliant” in DataMine and take random samples from the jobsite to ensure that the material meets the required
specifications. Again, this is only a recommendation. The individual State will decide the final acceptance procedure for any and all materials used in DOT projects.

Program benefits from DOT perspective (Scott/Brad)
- SC - Save time with inspectors
- Illinois, starting 2017, will be using the program solely and will not be attending out of state audits. They will however still assist with sampling and attend all in state audits. (See Presentation)

2016 Participation (Scott)
- Rebar – 31 audits were done in 2016. 31 audits are scheduled in 2017 (plus two new ones coming on for a total of 33)
- WWR – 24 audits were done in 2016. 24 audits are scheduled in 2017
  - One facility in 2016 had their compliance revoked.

Audit Changes (Ed)
- The Certificate of Compliance is now being sent out at the beginning of each year. This year the certificates were posted on DataMine on January 3rd. As long as you have paid for your audit the year before and have resolved any nonconformities from the previous audit you will receive your certificate of compliance.
- Audit Reports – calibration metric (or matrix?) has been changed in section 8 based off of updates on SP-01
  - Daily verification required.
- New program status
  - 7 Wire Strand – Task force has meet and has created guidelines to present to the committee
    - How many test samples are needed?
      - 10 samples have been proposed by the task force
    - What are we going to compare?
      - Diameter, Area, Yield, Tensile, Elongation
      - Modulus of Elasticity will be reported but not compared
    - Sarc. Is working on the work plan
      - Should be ready for the November Ballot
    - Ed making the comparison worksheet
      - Will be ready for program roll out
    - When the work plan is complete NTPEP will reach out to industry to set up a meeting to discuss the program and set up training audits for the fourth quarter
  - Wire – M32
Concern by DOT’s when the wire (A1064) is purchased already drawn to size by a WWR manufacturer.

- Does/should the wire manufacturer be audited?
- Ed also received a call from one of the wire manufacturers asking how we are going to handle this situation.
- Action Item: A task force will be put together. Ed will reach out to the committee post meeting and see who is interested in joining the task force

- Epoxy Coating – The following states that were present at the meeting are interested in an epoxy coating program.
  - Massachusetts, North Carolina, Montana, Illinois, Indiana, Tennessee, Georgia, Arkansas, Louisiana, Oklahoma, Kansas, West Virginia.
  - Maine is moving to stainless steel and is not interested at this time.
  - NTPEP would like to work with CRSI where you would have to have an NTPEP audit or equivalent and the committee would look into CRSI as an equivalent. To receive a certificate of Compliance a coater would have to have an audit and have testing done.
  - Action Item: NTPEP will work with CRSI to create a program that services the state needs.

- Structural Steel (Arkansas DOT asked for a survey last year)
  - At this time not much interest. (Arkansas corrected this – they were interested in rebar fabricators, not structural steel).
  - WVDOT is interested in Rebar fabrication
    - This would be a very difficult program to add to NTPEP.

- Testing speed of parallel plate machine/universal testing machine: QSM will be updated to require the Mfg. to explain what speed they are running and how they verify it.
- NTPEP Designated Lab Audit
  - Was conducted in 2016.
  - It was determined by the committee that the report would only be shared with the states.

Comparison Samples (Merrill/Scott/Ed)

- Contact information from DOT’s for sampling
  - NTPEP maintains a list of sampling contacts to assist during audits.
  - The current Sampling list that NTPEP has is getting outdated.
  - Action Item: Please reach out to Ryan Fragapane, rfragapane@aashto.org to update your state’s contact for sampling.
Issues to discuss:

- **Rebar**
  - Report changed to reflect mills are compared to NTEP designated lab. It was vise-versa in the past.
  - Rebar goes up to size 20 now. Who is using it?
    - They have also added grade 100
    - No one is currently using 20 bar
    - NTPEP will not sample 20 bar if they see it
    - CRSI mentioned there are a lot a safety concerns when testing a 20 bar.

- **WWR**
  - Spreadsheet updated to make the NTPEP designated lab the control
  - Added the diameter (smooth only) to the variation report; issues with wires failing the diameter specification (show spreadsheet)

- **Stainless Steel**
  - 2 or 4 mills are currently producing stainless steel rebar.
  - States present at the meeting that are interested are: Maine, Montana, North Carolina, Florida, Iowa, Louisiana, Wisconsin, Virginia, New York, Minnesota, Michigan, Texas.
  - Will the bar be chrome 12 or chrome 15?
  - CRSI stated they have checked with members and they are on board
  - The standard for the stainless steel rebar is A995
  - **Action Item:** Ed will reach out and see who is interested in joining the Stainless Steel task force.

- **MMFX** – Chair asked about interest in this product. No interest from the states present.
  - NTPEP will not add product just because a manufacturer is requesting it.

- **SOM Update** – A1064 AASHTO Spec development (Merrill)
  - ASTM had 4 different wire standards and created one, A1064
  - AASHTO MP30 is the AASHTO equivalent to A1064
  - M32 M55 M31 M255 will be sunset

11:20AM-11:30AM: Discuss DataMine 3.0 Items (Vince)
- DataMine 3.0 has launched.
- We are currently working out a few bugs in the audit end.
11:30AM-11:45AM: Industry Concerns
   • Greg Halsted – CRSI
     • CRSI wants to work with NTPEP to make sure the states are getting the information they need. On board with additional testing for epoxy coating. 28 states currently use the program.
   • WRI – Holly – things are going well, no concerns.
   • Danny Pittman (Wire Mesh Corp Florida)(Industry)
     • Everyone that produces some sort of welded wire should be held by the states to the same standards.

11:45AM-12:00PM: Open Discussion –
   1. Oklahoma enjoys being notified early to make sure they can assist in sampling

Dismiss

2017 Membership Roster (add blue shading to the list on DataMine)

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<tr>
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