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AASHTO’s National Transportation Product Evaluation Program (NTPEP)
As NTPEP Liaison to SOC – What am I supposed to be doing?
  • That is a good question
  • I am still figuring that out

As the SOC - What can you do for NTPEP?
  • Get involved
  • Provide continued support
  • Provide input – good and bad – but mostly good
  • Develop specs and material requirements using NTPEP
What can NTPEP do for you?

- Help you do more with less
- NTPEP will not take away your employee’s jobs, but it will help them do their jobs faster so they will have more time to do other tasks.
What is NTPEP

• Established within AASHTO in 1994, as a technical service program, who reports to the Standing Committee on Highways (SCOH)

• Combines the professional and physical resources of the AASHTO member departments in order to evaluate materials, products and devices of common interest for use in highway and bridge construction

• Primary Goal- provide cost-effective evaluations for the state Departments of Transportation (DOT)
What NTPEP is NOT

- NTPEP does **NOT** evaluate “New Products” being introduced by industry for the first time

- NTPEP does **NOT** pass or fail products

- NTPEP does **NOT** replace the Quality Assurance activities of state DOT’s (no one loses their job!!!)

- NTPEP does **NOT** supersede State Requirements for product approval. Any state can require additional testing of the product prior to approval. (If such additional testing is required, the state can appeal to NTPEP for inclusion into the Testing Program.)
NTPEP’s Mission In Summary

- Simplify the product evaluation process
- Make it more cost-effective for both the manufacturer and the end user.
- Reduce duplication of efforts by State DOTs.
- Serve as a “One Stop Shop” for Manufacturers of engineered products.
How NTPEP Works

- Products are evaluated according to nationally recognized test methods (e.g. AASHTO, ASTM) specified by the members of that Technical Committee in the Work Plan
- When standards do not exist, the NTPEP Technical Committee convenes and establishes test protocols through ballot consensus process
- Testing Service Fees assessed to industry cover actual costs for field and lab testing of products
- Contributions from AASHTO members and apportionment of industry fees sustain NTPEP
Construction Technical Committees

**Construction Products - Evaluations**
- Asphalt Release Agents
- Concrete Admixtures
- Concrete Curing Compounds
- Epoxy and Resin Based Adhesive Bonding Systems
- Portland Cement Concrete Joint Sealants
- Warm Mix Asphalt Technologies

**Construction Products - Audit**
- Corrugated Metal Pipe
- Erosion Control Products
- Elastomeric Bridge Bearing Pads
- Geosynthetics
- Guardrail/Guiderail
- High Density Polyethylene Plastic Pipe
- Polypropylene Pipe
- Polyvinyl Chloride Drainage Pipe
- Reinforcing Steel/Welded Wire Reinforcement
Technical Committees (continued)

Traffic Safety Products - Evaluations
- Pavement Marking Materials
- Portable Changeable Message Signs & Flashing Arrow Panels
- Raised Pavement Markers/ Snowplowable Raised Pavement Markers
- Sign Sheeting Materials/Roll Up Signs
- Temporary Traffic Control Devices

Maintenance Products - Evaluations
- Polymer Concrete Overlays
- Hot Mix Asphalt Crack Sealant
- Rapid Set Concrete Patch Materials
- Structural Steel Coatings/Concrete Coating Systems
Industry Participation

- American Traffic Safety Services Association (ATSSA)
- Geosynthetics Materials Association (GMA)
- Society of Protective Coatings (SSPC)
- Plastic Pipe Institute (PPI)
- National Corrugated Steel Pipe Association (NCSPA)
- Erosion Control Technology council (ECTC)
- Concrete Reinforcing Steel Institute (CRSI)
- American Concrete Pipe Association (ACPA)
New Technical Committees/Task Forces

• New Technical Committees
  • Epoxy and Resin Based Adhesive Systems
  • Guardrail/Guiderail
  • Elastomeric Bridge Bearing Pads
  • Warm Mix Asphalt Technologies

• NTPEP Product Implementation Task Force
  • Annual Survey for new product interest
  • Currently exploring:
    • Truncated Domes/Detectable Warnings – Work Plan to
    • Portland Cement and Pozzolans – elementary stages/need “champion” state

• AASHTO Committee NTPEP Liaisons
  • SCOBS
  • SCOC
  • SCOM
  • SCOTE
  • SOM
  • SCOR’s RAC
NTPEP’s DataMine Website

• The “nucleus” of NTPEP
• Data Repository for evaluation results
• Accessible to all individuals with a valid state transportation agency email
• DataMine 3.0 to be rolled out later this year
  • more user friendly
  • additional key features
  • Improved search tool
  • Cleaner interface
NTPEP Annual Meetings

• Each contributing state gets to send 1 representative free of charge
• Every technical committee’s chair and vice chair gets to attend free of charge
• AASHTO Committee NTPEP Liaisons get to attend free of charge
• An opportunity to meet, collaborate, and network with your counterparts across the country

• 2017 Annual Meeting:
  • Sunday, March 12th - Thursday, March 16th, 2017
  • Seaport Hotel & World Trade Center, Boston, Massachusetts
  • Registration through the NTPEP website, www.ntpep.org
Ideas on How to Incorporate NTPEP into your QA Program

• For products that are part of NTPEP and used in your state:
  1. Review Work Plan
  2. Review DataMine
  3. Consider cost savings

• Get in touch with a state that participates and requires NTPEP evaluations!
Questions?

www.NTPEP.org
data.NTPEP.org

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