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(NTPEP Chair - Spray Applied Liners)

WHAT IS NTPEP

- National Transportation Product Evaluation Program (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 product evaluations for the state Departments of Transportation (DOT)**

WHAT NTPEP IS NOT

- NTPEP does **NOT** evaluate “New Products”
- NTPEP does **NOT** pass or fail products
- NTPEP does **NOT** replace the Quality Assurance activities of state DOT's
- NTPEP does **NOT** supersede State Requirements

NTPEP'S MISSION IN SUMMARY

- Simplify the product evaluation process
- Make it more cost-effective for Industry and States
- Reduce duplication of efforts by State DOTs.
- Serve as a “One Stop Shop” for Industry

NTPEP TECHNICAL COMMITTEES

Construction

Evaluations

- Asphalt Release Agents (ARA)
- Concrete Admixtures/Concrete Curing Compounds (CADD/CCC)
- Epoxy and Resin Based Adhesive Bonding Systems (ERB)
- Portland Cement Concrete Joint Sealants (JS)
- Warm Mix Asphalt Technologies (WMA)

Audit Programs

- Corrugated Metal Pipe (CMP)
- Erosion Control Products (ECP)
- Elastomeric Bridge Bearing Pads (EBB)
- Geosynthetics (GTX & REGEO)
- Guardrail/Guiderail (GRL)
- High Density Polyethylene Plastic Pipe (HDPE PIPE)
- Polypropylene Pipe (PPP)
- Polyvinyl Chloride Drainage Pipe (PVC)
- Reinforcing Steel/Welded Wire Reinforcement (REBAR/WWR)

NTPEP TECHNICAL COMMITTEES

Traffic Safety

Evaluations

- Pavement Marking Materials (PMM)
- Portable Changeable Message Signs & Flashing Arrow Panels (PCMS/FAP)
- Raised Pavement Markers/Snowplowable Raised Pavement Markers (RPM/SRPM)
- Sign Sheeting Materials/Roll Up Signs (SSM/RUP)
- Temporary Traffic Control Devices (TTCD)
- Detectable Warning Systems (DWS)

Maintenance

Evaluations

- High Friction and Thin Overlays (HFTO)
- Hot Mix Asphalt Crack Sealant (CS)
- Rapid Set Concrete Patch Materials (RSCP)
- Spray Applied Pipe Liners (SAPL)
- Structural Steel Coatings/Concrete Coating Systems (SSC/CCS)

HOW NTPEP WORKS

- Products are evaluated according to nationally recognized test methods (e.g. AASHTO, ASTM)
- 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

BENEFITS OF USING NTPEP – STATES & INDUSTRY

- Cost savings from reduced testing and auditing
- Improved product quality acceptance
- Reliable, independent test results
- Shop for products to populate your QPL/APL

BENEFITS OF USING NTPEP – STATES & INDUSTRY

- Shared expertise and experience
- Partner with other states to raise the quality bar
- Given budget cutbacks, staffing shortages, and increased demands on transportation infrastructure, the NTPEP mission is relevant.

GETTING STARTED

- Review Program Areas (NTPEP.org) and Work Plans
- Decide which programs could benefit your state
- Involve the subject experts in your Department
- Join Technical Committee and offer input

NTPEP'S DATAMINE WEBSITE- NEW VERSION 3.0

The screenshot displays the NTPEP DataMine website interface. At the top, there is a navigation bar with the NTPEP logo, a search bar, and links for Login and Contact Us. Below the navigation bar, there are dropdown menus for Home, Traffic Safety, Construction, Maintenance, Search, Resources, and Help. The main content area features a featured article titled "Concrete Admixture" with a description: "Concrete Admixtures are used to improve the behavior of concrete under various conditions." Below the article, there is a paragraph explaining the website's purpose: "NTPEP DataMine is the online repository of data and audit reports for all NTPEP services. This database provides the tools for performing queries that will assist you in analyzing and reporting on current and past NTPEP evaluations. The application allows NTPEP Testing Facilities and Auditors to enter real time data online. Also our industry partners and the NTPEP administration may review product information and preliminary reports online for timely reporting of all evaluations." Below this text, there are three icons representing Traffic Safety, Construction, and Maintenance. At the bottom, there are three summary statistics: Evaluated Products (4,144 total, with 1,372 in orange and 2,772 in blue), Audited Facilities (2,001 total, with 414 in blue and 1,587 in orange), and Resources (represented by an icon of a document and a calendar).

- Data repository for evaluation results
- Accessible to all individuals with a valid state transportation agency email

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

2018 NTPEP ANNUAL MEETING

- April 22 - 26th, 2018
- Norfolk Waterside Marriott - Norfolk, VA
- Registration through the NTPEP website, www.ntpep.org



EXAMPLE 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)



States don't want to require NTPEP until more manufacturers are participating

Manufacturers don't want to invest in NTPEP testing until they see more States requiring it

QUESTIONS?

www.NTPEP.org

data.NTPEP.org

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