• What is NTPEP?
• Who participates in NTPEP?
• Requirements of each NTPEP Audit Program
• How to view and access audit documentation and test data
• How to utilize this program in your state
• 2014 Annual NTPEP Meeting
CATEGORIES OF NTPEP

- NTPEP Committee
  - Maintenance: 4 products
  - Construction: 12 products
  - Traffic Safety: 8 products
Guardrail

NTPEP Committee

Audit

Erosion Control Products

Reinforcing Steel

Rebar

WWR

HDPE

PVC

Polypropylene

Geotextiles

Elastomeric Bridge Bearing Pads

Pipe
WHAT IS NTPEP?

• Product Evaluation and Audit Program
  • By combined and collective resources, AASHTO state members can more efficiently perform laboratory and field testing on products used in the transportation system.

• Source of Data
  • Unbiased product data generated by laboratory test methods and field test deck evaluations adopted from national standards or developed by AASHTO members.
WHAT IS NTPEP?

- Value
  - Data generated can be utilized by states as a means of populating the Approved/Qualified Products Lists.
  - It is possible for a state member to use all or part of the NTPEP information generated.
What NTPEP is NOT?

- NTPEP does NOT evaluate "New Products" being introduced by industry for the first time.
- NTPEP does NOT replace the Quality Assurance activities of state DOT's.
- NTPEP does NOT supersede State Requirements for product approval.
## PARTICIPANTS OF NTPEP

<table>
<thead>
<tr>
<th>Technical Committee</th>
<th>Number of Industry Participants (Manufacturers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDPE Pipe</td>
<td>44</td>
</tr>
<tr>
<td>PVC Pipe</td>
<td>3</td>
</tr>
<tr>
<td>Polypropylene Pipe</td>
<td>6</td>
</tr>
<tr>
<td>Rebar</td>
<td>36</td>
</tr>
<tr>
<td>WWR</td>
<td>18</td>
</tr>
<tr>
<td>Geotextiles</td>
<td>23</td>
</tr>
</tbody>
</table>

- AASHTO Member Departments contribute $12,000 annually to NTPEP.
- In 2013, 45 states paid their annual contribution
- The results obtained from a data usage survey (currently being completed by all AASHTO member departments) will be available on the NTPEP website ([www.ntpep.org](http://www.ntpep.org)) in early January 2014.
REQUIREMENTS OF EACH NTPEP AUDIT PROGRAM

• Each Program requires the following:

  • AASHTO performs a desktop review for each facility every 5 years. Each desktop review includes reviewing the following information:

    • Testing Personnel
    • Standard Specifications
    • Size and Type of Material Produced by facility
    • Product Information
    • Identification Markings
    • Test Reports
    • Quality Management System

    • Review over 15 aspects of the Quality Management System
Each facility has to have an annual on-site audit

- The following items are reviewed during every NTPEP on-site audit:
  - ASTM/AASHTO specifications
  - Training and Competency Evaluation Records
  - Equipment Calibration Records
  - Records of Internal Audits and Management Reviews
  - Traceability of raw material to final product

- Review of test reports
- Demonstration of Test Methods
- Review of Markings on each product
- Obtaining samples for split sample testing
- Reviewing labels on each final product
- Walkthrough of manufacturing process
- Sample/Yard Inspection
- Collection of Raw Material Certificates
• If deficiencies are noted during on-site audit, the facility has 15 business days to submit a corrective action report for each deficiency to AASHTO after they receive their final audit report. (Corrective Action Reports are available in DataMine)

• Each facility has 14 days after the completion of the on-site audit to submit their internal split sample test results. (Split Sample Comparison Test Reports are available in DataMine)

• The Certificate of Compliance is uploaded into DataMine for each facility once all deficiencies have been resolved and the split sample test results are satisfactory
REQUIREMENTS SPECIFIC TO NTPEP AUDIT PROGRAM FOR GEOTEXTILES

• Each prime manufacturer and private labeler are able to participate in Program

• If a private labeler wants to participate in Program, their prime supplier(s) must be audited and found to be compliant prior to their on-site audit being scheduled

• All private labeled and prime geotextiles are required to be re-evaluated every 3 years. A manufacturer cannot have a product evaluated through NTPEP without having their facility audited.

• All prime manufacturers are required to print a unique identification code (given by AASHTO) every 5 meters on each of their NTPEP approved products.
HOW TO VIEW AND ACCESS AUDIT DOCUMENTATION AND TEST DATA

Step 1: Log onto the NTPEP DataMine website,
http://data.ntpep.org
Step 2: Click on the technical committee you want to review audit documentation for.
Step 3: Click on Search to select a specific facility to review audit documentation.
Step 4: Choose from the following criteria to begin your search: Audit Year, Manufacturer, Facility Location and then click Search
Step 5: Your search results will appear in a table below. Once you see the facility location you are searching for, click on Audit Info and then click Go.
Step 6: Click on Audit Reports
The documents associated with this specific audit will then be listed. Click on the Report title of each document to open each file.
Note: A Status Report is also available for the Rebar and WWR manufacturers, PVC pipe manufacturers, and Polypropylene pipe manufacturers
**Specification M252: Indicate all applicable pipe produced at this location:**

Key: St = Straight Co = Coil C1 = Class 1 Perforations C2 = Class 2 Perforations

<table>
<thead>
<tr>
<th>Size inches [mm]</th>
<th>Single-Wall</th>
<th>Dual-Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C</td>
<td>CP</td>
</tr>
<tr>
<td>3 [75]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 [100]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 [125]</td>
<td></td>
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<td>6 [150]</td>
<td></td>
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<tr>
<td>7 [175]</td>
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<tr>
<td>8 [200]</td>
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<tr>
<td>9 [225]</td>
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<tr>
<td>10 [250]</td>
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</tr>
</tbody>
</table>

**Specification M294: Indicate all applicable pipe produced at this location:**

Key: C1 = Class 1 Perforations C2 = Class 2 Perforations

<table>
<thead>
<tr>
<th>Size inches [mm]</th>
<th>Single-Wall</th>
<th>Dual-Wall</th>
<th>Smooth Inner &amp; Outer Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>C</td>
<td>CP</td>
<td>S</td>
</tr>
<tr>
<td>12 [300]</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>15 [375]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18 [450]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 [525]</td>
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<td></td>
<td></td>
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<tr>
<td>24 [600]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 [675]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 [750]</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>36 [900]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>42 [1050]</td>
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<tr>
<td>48 [1200]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54 [1350]</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>60 [1500]</td>
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</tbody>
</table>
NTPEP DataMine 2.0 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.

The Technical Committees that are responsible for developing the work plans and overseeing the evaluations and audits are divided into the three categories below: Traffic Safety, Construction and Maintenance. The product listing within the categories indicates the products or processes that are evaluated through product testing or manufacturing audits.

To view data that has been released through the program public review, simply click on the product listing below. After clicking on the product listing, click "Data" located in the left-hand column for the page.

To submit a product you must register and login to do so.

Some data that has been released is restricted to view by State Transportation Agency representatives. To view restricted data you must register and login to do so. Please register! If you are interested in viewing test data and audit results let us know. Your registration will require approval by an AASHTO administrator. Please contact Greta Smith at gsmith@aashto.org if you require this approval.

<table>
<thead>
<tr>
<th>Traffic Safety</th>
<th>Construction</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pavement Marking</td>
<td>Asphalt Release Agent</td>
<td>PCC Joint Sealants and MMA Crack Sealers</td>
</tr>
<tr>
<td>Pavement Marking (Runaway)</td>
<td>Concrete Admixtures</td>
<td>Rapid Set Concrete Patch Materials</td>
</tr>
<tr>
<td>Raised Pavement Markers (Flowable)</td>
<td>Concrete Curing Compounds</td>
<td>Structural Steel Coatings</td>
</tr>
<tr>
<td>Roll Up Signing Material</td>
<td>Erosion Control Products</td>
<td>Structural Steel Coatings</td>
</tr>
<tr>
<td>Roll Up Signing Material</td>
<td>Geosynthetic Reinforcement (GEOGRID)</td>
<td>Structural Steel Coatings</td>
</tr>
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<td>Sign Sheeting Material</td>
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<td></td>
</tr>
<tr>
<td>Temporary Traffic Control Devices</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Geosynthetics and Geosynthetics | | |
| | | |
Step 1: Select “Data” to review the product test data and access the audit documentation.
Step 2: Choose a Manufacturer Name or Submittal Year to review product test data and/or audit documentation, and then click on “Show”
Step 3: Select “Test” in the dropdown menu of the Data column and click on “Go”
Step 4: Click on each of the tabs to view test data for that specific product. To view the Audit Documentation, click on the green arrow for the document you want to open and review.
NTPEP WEBSITE, WWW.NTPEP.ORG

Allows you to access:
1.) Current Work Plan
2.) Data for products submitted prior to 2011
3.) Meeting Minutes
4.) Contact Information for TC Members
5.) Pre-Audit and Audit Worksheets

AASHTO Member users can view the unique identification codes for each compliant manufacturer in a PDF file by clicking here.

- Sign Sheeting Materials/Roll Up Signs - cycle closes on 2/15/2013
- Asphalt Release Agents - cycle closes on 3/15/2013
- Erosion Control Products - cycle closes on 3/15/2013
- Structural Steel Coatings - rolling submission cycle
- Geotextiles & Geosynthetics - rolling submission cycle

NTPEP Annual Meeting
Pittsburgh, PA April 21 - 24

Registration and the draft agenda are available now.

New Task Forces
HOW TO UTILIZE THIS PROGRAM IN YOUR STATE

- Reference the NTPEP List
- Use the NTPEP List in developing your DOT List
- Use the data to supplement your DOT Quality Control Data
2014 ANNUAL NTPEP MEETING

- Begins on Sunday, May 18th and concludes on Thursday, May 22nd, 2014 at the Hyatt Regency Downtown in Greenville, SC
- Registration opens on Tuesday, December 2nd 2013. A link will be available on the NTPEP website (www.ntpep.org)
- Please submit any items/topics you would like to discuss during the technical committee sessions to Katheryn Malusky by Tuesday, April 1, 2014
QUESTIONS?

Katheryn Malusky
Associate Program Manager, NTPEP

Email: kmalusky@aashto.org
Phone Number: 202-624-3695