Corrugated Metal Pipe (CMP)  
Technical Committee Meeting Agenda  
Working Session # 2  
Monday, April 23, 2018 11:00AM – 12:00PM

1) 11:00AM-11:05AM: Call to Order and Introductions

2) 11:05AM-11:10AM: Review of Current Technical Committee Members (Insert membership list from NTPEP website)

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
<th>Designation</th>
<th>Member Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frederick, Samuel</td>
<td>North Carolina</td>
<td>Chair</td>
<td>Voting</td>
</tr>
<tr>
<td>Kemp, Peter J.</td>
<td>Wisconsin</td>
<td>Vice Chair</td>
<td>Voting</td>
</tr>
<tr>
<td>Sarcinella, Robert L.</td>
<td>AASHTO</td>
<td>Liaison</td>
<td>None</td>
</tr>
<tr>
<td>Ingram, Steven</td>
<td>Alabama</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Kotzer, David</td>
<td>Colorado</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Pelham, Michael Paul</td>
<td>Indiana</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Jones, Kevin</td>
<td>Iowa</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Sommers, Scott Michael</td>
<td>Iowa</td>
<td>Member</td>
<td>Non-Voting</td>
</tr>
<tr>
<td>Meggers, Dave</td>
<td>Kansas</td>
<td>Member</td>
<td>Voting</td>
</tr>
<tr>
<td>Ashurst Jr., Kean Hart</td>
<td>Kentucky</td>
<td>Member</td>
<td>Voting</td>
</tr>
</tbody>
</table>
McCann, Liz  | Michigan  | Member  | Non-Voting  
Kline, Therese R.  | Michigan  | Member  | Voting  
Carmody, Brian Richard  | New York State  | Member  | Voting  
Syar, Jeff  | Ohio  | Member  | Voting  
Janak, Karl J  | Texas  | Member  | Voting  
Shi, Bin  | Utah  | Member  | Voting  
Keller, Jason  | Contech  | Other  | Non-Voting  
Bielski Jr., Ben W  | Metal Culverts, Inc.  | Other  | Non-Voting  
McGough, Michael J  | National Corrugated Steel Pipe Association  | Other  | Non-Voting  

3) 11:10AM-11:15AM: Brief summary of the technical committee (for those states who do not participate in quarterly calls or who are new to NTPEP) – see attached “History”

   a) 11:15AM-11:20AM: State Program Has Passed Ballot And Enrolled Facilities – Working on Comments responses – mostly clarifications. Five facilities have enrolled in the audit program to date. States are starting to require this program for their QPLs. Additional DOT’s requiring this program: VA (working on 2019 letter), WV (letters sent-year from letter 2019). TN sent letter to have enrolled by end of 2018. IA has included it in their DOT – signed up by end of 2018. Please send copied of general letter to NTPEP. OK & OH will be looking into this soon.

4) 11:20AM-11:50AM: Industry Concerns
   a) Cost – Presented the 2018 fee schedule Industry has had concerns in certain areas. These areas have been previously discussed and a reduction in the proposed testing and audit fees were implemented based on a review. Data mine and QC review fees are static.
   b) Testing of steel – Going to the Mills? This has been discussed in previous meetings. It was stated that this would be not in the scope of this program and that the QC of the received metal stock will remain

NTPEP
2018 Annual NTPEP Meeting
Norfolk Waterside Marriott
Norfolk, Virginia
c) **Involvement of Industry** – Voting possibility? Industry in the past had voiced that they would like voting status. It was explained that the program is not structured this way. Their input is valued and regarded. This was highlighted by the 14 work plan versions/corrections that have been adopted since the inception of this program in 2015.

d) **Frequency of inspection** – The work plan set inspection frequency for manufacturers QC operations. There was industry concern proceeding this meeting that this plan sets minimums while the AASHTO standards are silent on this issue. There was no dissension on this topic and will remain in the plan.

5) **11:50AM-11:55AM: Discuss DataMine Items**
   a) **Submissions** – The application is being updated to correct some glitches. Manufacturers are encouraged to contact AASHTO (Ryan Fragapane) directly if they are having issues,
   b) **Producers of More Than One NTPEP Product** – AASHTO is aware of the software glitch and are working on a fix for vendors to see and submit multiple product lines. Additional product lines the manufacturer’s initial submittal are problematic and need to be corrected by AASTO as identified,

6) **11:55AM-12:00PM: Review of Action Items for 2018** – None – Issues to be addressed on the conference calls.

7) **Additional Discussion Topics:**
   a) **Distributors of pipe** – need to make sure they send DOT’s the “NTPEP Compliant” produced pipe (Mfg. and Location). This would be in the case of distribution centers that may recieve pipe from various manufacturing plants or third-party distributors.
   b) **Marking finished product** – MassDOT – suggests using RFD, How long does it last? Being used in NCDOT pilot for precast products.
   c) **Discussion on regionalization of states implementing** – This was recognized as a way to help manufacturers optimize program participation and for states to help justify requirement to participate.
History of Corrugated Pipe Technical Committee

2015

- CMP was selected for a TC at the annual meeting in Phoenix, AZ
- Task Force formed
- Draft audit plan was developed and two mock audits were conducted
  1. Lane Enterprises - Bedford, PA  September 2015
  2. Contech - Greencastle, PA  October 2015
- NPSCA work plan submitted for Consideration
- Workplan drafted

2016

- Two mock audits conducted
  3. Contech - Shakopee, MN  October 2016
  4. Lane Enterprises - Dublin, VA  December 2016
- Program and audit process released for review – minor grammar changes were adopted in accordance with industry request
- Time allowance for enrolment is extended
- Quarterly phone conference continues – states and industry
- Full session held at annual meeting (Grand Rapids, Michigan)
- Additional industry representatives added to committee panel
• Workplan Balloted and approved [CMDP] (2017)

2017
• Program and audit process released for multiple reviews – minor changes were adopted
• Balloted work plan approved
• Audit prices were reduced
• Time allowance for enrolment was extended
• Quarterly phone conference continues – states and industry
• Full session held at annual meeting (Boston, MA)

2018:
• Revised Work plan balloted and passed [CMDP] (2018), not posted yet as comments are being addressed
• Quarterly phone conference continues – states and industry
• One state with the requirement in place NC
• One state has sent out participation letters for 2019? - TN
• 5 plants currently enrolled in the program (all in the South East)
• Potential States: New York, Tennessee, Wisconsin, Others
• Tentative audit schedule:
  South: Feb/March  West: April/May  Midwest: May/June  South East: November
• April 15, 2018 the enrollment period for 2017 audits closed  September 3 – November 16, 2018 enrollment period for 2019 audits

Industry Concerns:

• Cost (2018):
  
<table>
<thead>
<tr>
<th>Service</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Audit</td>
<td>$3012.50</td>
</tr>
<tr>
<td>QC Review Initial / Maintenance</td>
<td>$1000/$500</td>
</tr>
<tr>
<td>DATAMine and Document Fee</td>
<td>$1512.50</td>
</tr>
<tr>
<td>Lab Comparison Testing</td>
<td>$700</td>
</tr>
<tr>
<td>Total</td>
<td>$6225/$5725</td>
</tr>
</tbody>
</table>

• QC of sheet metal – plant vs culvert manufacturer – NTPEP can sample sheet of finished pipe (Possibly, depending on size)
• States Usage – more being added
• Involvement/ place at the table – NTPEP has allowed involvement all along the way
  Note: 14 versions/corrections to this program – March 2015 to March 2018
• Work plan QC testing frequency vs AASHTO M36 (silent) – addressed in last revision
2018 Annual NTPEP Meeting
Norfolk Waterside Marriott
Norfolk, Virginia