

SUBCOMMITTEE ON MATERIALS

101st Annual Meeting – Pittsburgh, Pennsylvania

Monday August 3, 2015

3:00 pm – 5:00 pm EST

TECHNICAL SECTION 5c

Quality Assurance, Data Evaluation and Acceptance Plans

I. Call to Order and Opening Remarks

- Introductions
- Tech Section did not have a mid-year meeting

II. Roll Call

- Attendees signed in on the IPAD

III. Approval of Technical Section Minutes

- Motion to approve Richard Bradbury (Maine), Second from Bob Burnett (New York).
Motion Passes.

IV. Old Business

A. Previous Year SOM Ballot Items - None

B. Previous Year TS letter ballots - (sorry for the late submittal)

i. WAQTC suggested changes to R 25

- Ballot Results - one negative vote (Alaska) – standard suggests to optionally collect the Social Security from the individual. Voter recommended removal of this method to identify individuals.

- Motion to find non-persuasive, Matt Corrigan (FHWA). Second, Scott Andrus (Utah).

- Rationale: The negative comment was not related to the original balloted changes.

- VOTE: All in favor. None opposed. Motion passes to adopt the WAQTC changes.

- ACTION ITEM: The technical section agreed that the voter's comment was valid, and the Chair will make an editorial change to remove the social security option for identifying the individual prior to sending to publication.

- Dennis Dvorak (FHWA) is the new steward. He is reviewing the method and will likely ballot additional changes by Spring, 2016.

ii. Updates to PP80

- Standard is written around a single device. May want to incorporate paver stops.

- Ballot results – one negative, Mark Felag (Rhode Island). Information is in a non-mandatory appendix. Doesn't agree that a price adjustment should be made because this is more of a QC item.
 - Motion to find voter non-persuasive, Bob Burnett (New York), Second, Richard Bradbury (Maine).
 - Rationale: the current language is in a non-mandatory section and it allows the user to choose how/if they want to apply incentives.
 - VOTE: All in favor, none opposed. Motion passes. (Tech-Section ballot)
- A suggestion was made to replace current language with a more general statement for quality assurance disincentives/incentives.
 - ACTION ITEM: Chair will replace current language with the following: "Agency may choose to use this information in their quality assurance acceptance plan." Standard will then be balloted at full sub-committee level.

C. Task Force Reports

- i. Tech Section 4a Standard Practice for the Evaluation Acceptance of Precast Concrete Products update
 - This is specific to pre-cast, so this will stay in 4a.

V. **New Business**

A. Research Proposals

- i. Optimal Procedures for Validating Contractor Test Data
 - F and T test as currently used may not be the best approach. It was recommended that research be performed to examine different statistical methods and additional guidance be provided on validating.
- ii. Streamlining Construction Quality Assurance on Alternate Delivery Transportation Projects.
 - Will be discussed on Friday and will be prioritized.

B. AMRL/CCRL Issues - None.

C. NCHRP Issues

- i. NCHRP Project 20-7(349) Synthesis Topic – Materials Acceptance for Non-Traditional contracts
 - 1. Work is ongoing - Hopefully completed by Fall 2015

D. Correspondence, calls, meetings/ Presentation by Industry

- R07(performance spec for rapid renewal) and R06C (IR scanner), CA, Maine and Missouri involved.

E. Proposed New Standards - None

F. Proposed New Task Forces - None

G. Standards Requiring Reconfirmation - None

H. SOM Ballot Items (including any ASTM changes) - Provisional method will proceed to subcommittee ballot.

VI. Open Discussion

- Brief discussion regarding pooled fund 13-81.
- New England Trans Assoc is working on a few QA related studies. One is for Pre-cast and the other is hot-mix plants. The goal is to combine resources from the states and use a regional QA approach.

VII. Adjourn – Meeting adjourned

Technical Section 5c

Quality Assurance, Data Evaluation, and Acceptance Plans

Scope: It shall be the responsibility of Technical Section 5c to develop or promote the development of standards for control and acceptance of materials used in the construction of highway facilities, to serve as the focal point for metrication of SOM standards, and to assist the other technical sections of SOM in addressing statistical issues. (Steward)

R 9-05 (2014)	Acceptance Sampling Plans for Highway Construction (Dvorak, FHWA)
R 10-06 (2011)	Definition of Terms for Related to Quality and Statistics As Used in Highway Construction (Old Title: Definition of Terms for Specifications and Procedures)
R 25-00 (2014)	Technician Training and Qualification Programs
R 38-04 (2014)	Quality Assurance of Standard Manufactured Materials
R 42-06 (2011)	Developing a Quality Assurance Plan for Hot-Mix Asphalt (HMA) (Gallivan, FHWA)
R 44-07 (2012)	Independent Assurance (IA) Programs (Krieder, KS)
R 61-12	Establishing Requirements for Equipment Calibrations, Standardizations and Checks (Sheehy, NJ)
PP 80	Continuous Thermal Profile of Asphalt Mixture Construction (Turgeon, MN)
PP 81	Intelligent Compaction Technology for Embankment and Asphalt Pavement Applications (Turgeon, MN)

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