Meeting Agenda

ACI 117 - Tolerances

DISNEYLAND HOTEL, ANAHEIM, CA – PARADISE PIER-PACIFIC BALLROOM C-D

OCTOBER 17, 2017 - 8:00AM – 11:30AM

Committee Mission: Collect, develop and specify tolerances and related information for concrete construction and materials through liaison with other ACI committees and related industry organizations

Chair: Eric Peterson
Vice Chair: Bruce Suprenant
Secretary: Michael Ahern

1. Administrative [15 min – 08:15]
   I. Welcome from the Chair, Introductions of Members and Guests, and complete sign-in sheet.
   II. Committee membership and balance
   III. Verification of Quorum
   IV. Review and Approval of the Spring 2017 Convention meeting minutes.
   V. Timeline to Complete Activities for ACI-ASCC 117-19

2. Joint Committee Update [5 minutes – 08:20]
   I. ASCC / ACI Joint Committee Update – Cover ongoing work by ASCC on tolerances
   II. Upcoming WOC Laser Scanning Work Shop

<table>
<thead>
<tr>
<th>Monday, October 16 Afternoon Meetings</th>
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<tr>
<td><strong>Location – Paradise Pier-Monterey</strong></td>
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<td><strong>Time</strong></td>
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<td>3:00 – 4:00</td>
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<td>4:00 – 5:00</td>
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3. **117 Revision – General Items [15 minutes – 08:35]**
   I. Note email withdrawal of negative votes for Web Ballot 7241 and record in minutes
   II. Vote to disband Subcommittee G and merge slip-formed concrete structures into Section 4
   III. Vote to disband Subcommittee H – Canal Linings
   IV. Vote to disband Subcommittee J – Chimneys and Cooling Towers

4. **Task Group Reports [2:45 – 11:20]**
   I. Subcommittee A – Editorial / General Requirements – Bruce Suprenant (20 min. – 08:55)
      a. Monday Meeting – Notes to Specifiers and Forward to Checklists
      b. Elimination of Introduction
      c. Definitions – sources and differences between CT, ITG-7 and 117, ...
      e. Mandatory and Optional Checklists
      f. Two-column approach to formatting draft document
   II. Subcommittee B - Materials - Dennis Hunter (10 min. – 09:05)
      a. Bending Tolerances – CRSI to complete by November
      b. Differences in Break Point Discrimination Between Rebar and Pre-stressed Concrete Placing Tolerances
      c. Placement Tolerances
      d. Reformatting
   III. Subcommittee C - Foundations - Peter Ruttura (10 min. – 09:15)
      a. Auger-Cast and Micropiles Pile Cap Drawing
      b. Committee 336 Coordination
      c. Ballot Ready
   IV. Subcommittee D - Buildings – Michael Ahern (20 min. – 09:35)
      a. Tolerance Referencing
      b. Depression Tolerances
      c. Curb Types and Tolerances
      d. Straw Pole
   V. Subcommittee E - Precast – David Peterson (15 min. – 09:50)
      a. Merging with 117 – What needs to be done?
      b. Review of Definitions in ITG which Conflict with 117
c. Review of Acceptance in ITG that are Different than 117

VI. Subcommittee F - Slabs - Allen Face (20 min. – 10:15)
   a. Definition of Test Surface
   b. Required Quantity of Sample Points for FL
   c. Proportional Relationships of F Numbers
   d. Minimum Local Areas
      i. Definition
      ii. Testing
   e. Decimal Reporting of F Numbers vs Specification of Integer Values
   f. Camber
   g. Testing of Surfaces Which are Not Hard Troweled
   h. Tolerances for Slopes and Ramps
   i. Testing of E1155 Excluded Areas
   j. $F_{\text{min}}$

VII. Subcommittee I - Exterior Pavements - David Buzzelli (10 min. – 10:20)
    a. Reformatting
    b. Revisions

VIII. Subcommittee K - Tilt-up David Buzzelli (10 min. – 10:30)
    a. Reformatted Document

IX. Subcommittee L - Laser Scanning – Philip Lorenzo (20 min. – 10:50)
    a. Wall Movement and Monitoring
    b. Owners Specifications – Kaiser, Google, Sutter, UCSF
    c. Tech Note – Use of Laser Scanning for Evaluation of Tolerances
    d. WOC Workshop

X. Subcommittee M – Movements Affecting Tolerances - Bruce Suprenant (15 min. – 11:05)
    a. Movements in One Location in Document
    b. Movement Choices

XI. Subcommittee N - Tolerance Data – Jacob Borgerson (15 min. – 11:20)
    a. Statistical Tolerances
    b. Database on Tolerances

5. New Business [10 min]

6. Adjournment

The next meeting will be at 08:00, March 27th, at the Grand America & Little America, Salt Lake City, UT,