

Committee 364-0A – Rehabilitation (Editorial subcommittee)

MEETING AGENDA

February 4-5, 2018 8:30 am – 5:00 pm
Golden Lakes, West Palm Beach, FL

Benoit Bissonnette, Chair

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Mission: Develop and report information on the analysis, sustainability and design of repair, rehabilitation, and strengthening of existing concrete and masonry structures.

Goals:

- Address controversial or "gap" issues concerning concrete repair and rehabilitation not covered by existing documents through TechNotes;
- Develop and report information on the analysis and design of repair, rehabilitation, and strengthening of existing concrete and masonry structures;
- Collect and disseminate information on sustainability and other topics of interest to the concrete repair and rehabilitation industry.

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1. Update on TN's under development (preparation / reviewing / balloting)
 - a. **TN** related to ACI 562 certification program – *Evaluating Surface Substrate Cleanliness* (Liyang & Van)
 - b. **TN** related to ACI 562 certification program – *Evaluating the Surface Moisture Condition of Concrete Surface prior to Placement of Repair Material* (Ashok & Kyle)
 - c. **(former FAQ 26)** – *Pull-Off Test for Quality Assurance & Bond Performance* (Marjorie & John)
 - d. **(former FAQ 11)** – *Carbonation of Concrete Façade* (Ashok & Marjorie)
 - e. **(former FAQ 12)** – *Parking Deck Service Life* (Liyang & John)
 - f. **(former FAQ 31)** – *Risks related to the use of a waterproofing membrane over an existing concrete floor slab with metal decking in outdoor exposure conditions* (Van & Ben)
 2. TN's up for renewal
 - a. **364.2T-08** – *Increasing Shear Capacity Within Existing Reinforced Concrete Structures* (champions: Radley & Fertig)
 - b. **364.4T-10** – *Determining the Load Capacity of a Structure When As-Built Drawings Are Unavailable* (champions: Markus & Aguayo)
 - c. **364.5T-10** – *Importance of Modulus of Elasticity in Surface Repair Materials* (champions: Cheruku & Bissonnette)
 - d. **364.6T-02 (11)** – *Concrete Removal in Repairs Involving Corroded Reinforcing Steel* (champions: Gupta & Romero)
 - e. **364.7T-02 (11)** – *The Evaluation and Minimization of Bruising (microcracking) in Concrete Repair* (champions: Scott & Bissonnette)

- f. **364.8T-02 (11)** – *Use of Hydrodemolition for Concrete Removal in Unbonded Post-tensioned Systems* (champion: Gupta)
 - g. **364.9T-03 (11)** – *Cracks in a Repair* (champions: Wahab & Yousef)
3. New TN's under development
- a. **364 TN 28** : Optimum Moisture Content of Substrate Prior to Applying Cement-Based Repair Material
4. Update on the revision of *ACI 364.3R – Concrete Repair Material Data Sheet Protocol*
5. Concrete International paper on repair materials incorporating recycled rubber
6. Papers for ICCRRR 2018