AGENDA for ACI 242 – Alternative Cements

Tuesday, October 16, 2018, 12:00-3:00 pm
Rio Pavilion 10, Las Vegas, NV

1. Welcome and brief introduction to committee (M. Christiansen) (5 minutes)

2. MINI SESSION – Recent Advances in Alternative Cements (R. Thomas) (65 minutes)

3. Introductions by attendees (10 minutes)

4. Minutes approved by online administrative ballot

5. Membership update (M. Christiansen) (5 minutes)
   a. Voting – 16
   b. Associate – 21

6. Chair’s comments (M. Christiansen) (10 minutes)
   a. TAC breakfast report

7. Upcoming Sessions – Quebec City (M. Christiansen) (5 minutes)
   a. Alkali Activated Binders (sponsored by 236/242)
   b. Early Age Response of Concretes and the Influence of Binder Composition (sponsored by 231/236/242)

8. Update on status of ITG-10 Report on Alternative Cements (L. Sutter) (5 minutes)

9. Discussion on definition of Alternative Cement (L. Sutter) (20 minutes)
   a. Current definition attached on following page

10. TechNotes (M. Christiansen) (30 minutes)
    a. Outline and timeline
    b. Update and organization of task groups
       i. Alkali-activated binders (S. Peethamparan)
       ii. Calcium sulfoaluminate cements (R. Thomas)
       iii. Carbonated cements (D. Ravikumar?)
       iv. Calcium aluminate cements (C. Alt)
       v. Magnesium phosphate cements (J. Preskins)
       vi. Property-based (L. Sutter)

11. Research needs (10 minutes)

12. Relevant Upcoming Conferences
    b. ACI co-sponsored 5th International Conference on Sustainable Construction Materials and Technologies, Kingston University, Kingston Hill campus, Kingston London UK, July 14 - 17, 2019
    c. ACI co-sponsored 4th International Conference on Structures and Architecture (ICSA2019), July 24-26, 2019, Lisbon, Portugal.

13. New Business

14. Adjourn
ATTACHMENT 1

Below is the definition of alternative cement from the ITG-10 Report on Alternative Cements and ITG-10 Practitioner’s Guide.

**alternative cement**—an inorganic cement that can be used as a complete replacement for portland or blended hydraulic cements, and that is not covered by applicable specifications for portland or blended hydraulic cements.

Note: An alternative cement or alternative cement blend could provide better performance than that of portland or blended hydraulic cement in some applications. An alternative cement, however, might not perform adequately as a replacement for portland or blended hydraulic cement in every application. In some cases, alternative cements can also be used in combination with portland or blended hydraulic cements.