

AGENDA
ACI COMMITTEE 221 – AGGREGATES

ACI Spring Convention 2022, 03/29/2022 (Tuesday), 11:00 AM - 1:30 PM, C-Grand Sierra,
Orlando, Florida

1. Call to order and introductions
2. Review and approval of Spring 2021 meeting minutes.
3. Membership – Officers (2), TAC Contact (1), Voting Members (23), Consulting Members (5) and Associate Members (25)
 - a. Quorum: 40% of the voting members (25), i.e., 10 voting members
4. Report from the TAC Contact: Anton Schindler
5. **Updates on the revision of the main Document (ACI PRC-221R)**
 - a. Chapters 3, 4, 5 and 7 were revised and approved through multiple ballots.
 - b. Table 1 in Chapter 1 was balloted on 1/3/2022 and meets both 1/2 and 2/3 rules
 - ❖ Affirmative -7, Affirmative with comments – 7, Abstain – 1, negatives – 4, and NR - 6
 - ❖ Discussion on non-editorial negative comments and decide whether these comments are non-persuasive or persuasive – a Quorum is needed in order to resolve those comments
 - ❖ Volunteers: Mark, April, and Anol
 - c. Chapter 2 was balloted on 1/18/2022 and meets both 1/2 and 2/3 rules
 - ❖ Affirmative – 14, Affirmative with comments – 4, Abstain – 0, negatives – 3, NR – 4
 - ❖ Discussion on non-editorial negative comments and decide whether these comments are non-persuasive or persuasive – a Quorum is needed in order to resolve those comments
 - ❖ Volunteers: Jim Casilio, Anol and Clayton
 - d. Chapter 6: — Recycled Concrete Aggregates
 - ❖ A new chapter was balloted in October 2020 (Volunteers: Xijun Shi, Gabriella Puente de Andrade, Leandro F. M. Sanchez, and Anol). There were 5 negative votes, so the chapter needs more editing to address the negatives. Developing a revised short chapter mainly focusing on providing guidance is under progress.
6. Developing a TechNote on “The Use of Field Performance History in Assessing Alkali Silica Reactivity Potential of Concrete”
 - ❖ PRC-221.Y - How Can Field Performance History of an Aggregate be Used to Provide an improved Understanding of Its Potential for Damaging ASR?
 - ❖ TAC granted the committee permission to begin work on the TechNote on 8/3/2021
 - ❖ A draft version will be discussed for comments before sending a letter ballot -
Volunteers: Jim, Anol and April

7. **Updates on the AAR Joint document** (201 and 221) chapters that are closely related to the domain of 221

- i. Chapter 2: Mechanism of Alkali-Aggregate Reaction (developing a new Chapter)
 1. A draft version on ASR has been submitted to 201-H – volunteers: Kai-Wei (Victor), Anol, April
 2. A draft version for the ACR portion has been submitted to 201-H – volunteers: Mengesha Beyene – volunteers are needed for reviewing.
- ii. Chapter 3: Role of Aggregate Minerology (developing a comprehensive new chapter)
 1. A draft version on ASR has been submitted to 201-H – volunteers: Kai-Wei (Victor), Anol. Volunteers to review: Kristen, need more volunteers
 2. A draft version for the ACR portion has been submitted to 201-H – volunteers: Mengesha Beyene – volunteers are needed for reviewing.

8. **Technical Session Sponsored by the Committee**

- a. Deleterious Oxidation Reaction of Iron Sulfides in Concrete Aggregate, Monday, March 28, 2022, 1:30 PM - 3:30 PM, C-Boca II

9. **Other Business**

Preparation of Technotes (part of Guide) / Emerging technology report (ETR) part of report, Mini session

New Business:

- a. Exploring the possibility on working jointly with ACI 225 to organize a mini session on how to use ASTM C1778 - Mark had a discussion with the Chair of 225 – 225 is working on it and open to the idea of doing this jointly.

10. **Adjournment**