

ACI Subcommittee 563 P Corrosion

Specifications for Repair of Structural Concrete in Buildings

Subcommittee Meeting

2019 Spring Convention

Monday, March 25, 2019

Location Quebec City Convention Center

Quebec City, Quebec, Canada

MEETING MINUTES

Jason Johnson, Chair – Jorge Costa, Executive Assistant

CALL TO ORDER

Meeting Called to order at 7:05

ATTENDANCE

Voting Members

Jason Johnson (Chair)

Kevin Krawiec

Matt Hansen

Jorge Costa (Executive Assistant)

Jonah Kurth

Visitors

Ali Adu Yosef

Voting Members Not Present

David Whitmore

Fred Goodwin

James Lafikes

Tracy Marcotte

James Ragland

Kevin Michols

Tim Gillespie

Jay Paul

New Business

- A. The committee discussed the different options of technologies to be included in the specification document, The following items were discussed;

a. Galvanic Cathodic Protection

- Discrete Anodes
- Distributed Anodes
- Galvanic Jackets
- Metalizing (Spray-applied)
- Adhered Sheet Anodes

b. Impressed Current Cathodic Protection

- Mesh and Ribbon Anodes
- Discrete Anodes
- Conductive Coating Anode

c. Electrochemical Treatments

- Chloride Extraction
- Realkalization

d. Penetrating Surface Applied Corrosion Inhibitors

It was agreed upon that the committee would start writing specifications for Galvanic Cathodic Protection technologies. After the specification for Galvanic Cathodic Protection is written, the specification for Impressed Current Cathodic Protection technologies will then be written using the Galvanic Cathodic Protection specification.

- B. Tracy Marcotte provided the committee with a Galvanic Cathodic Protection specification to use as a template; the specification was placed on the ACI Corrosion Specification Committee web site.
- C. Discussions regarding pending patents on Electrochemical Treatments were discussed; David Whitmore was asked if the Realkalization Technologies were patented. David Whitmore indicated that the patents on the original Realkalization Technologies had expired.
- D. It was asked that all members provide any specifications that could be incorporated in the specification to Jason Johnson at Jason@brandercti.com to allow for it to be incorporated into the specification.
- E. The goal for the committee is to have a preliminary specification for the next ACI 563 committee meeting in October.
- F. The next subcommittee meeting is tentatively scheduled for the week of April 29, 2019. The meeting will be scheduled using Doodle.