

Record of proceedings for 1st committee

Technical Committee on systematization of electrochemical measurements based on physicochemical theory (JCI-TC-134A)

Date : 2013/July/09

Place : Nagoya congress center

Attendants : Yamaguchi (chair), Kato (chief secretary), Miyazato (secretary), Kanematsu (secretary), Minagawa (secretary), Kobayashi (secretary), Yamamoto (secretary), Azuma, Iyoda, Okazaki, Kanada, Kurumisawa, Takaya, Fukuyama

Handouts:

No.1-0 Agenda for 1st committee

No.1-1 List of committee members

No.1-2 Introduce for this committee 20130619

No.1-3 Memo of this committee

No.1-4 Memo for course of action on Protecting steel area WG

1. Chairman greeting (Prof. Yamaguchi)
2. Self-introduce of all members
3. Content to be considered a description of this committee
 - ✓ Supplementary explanation from Dr. Kato as chief secretary
 - ✓ There are demands for this committee for collaboration with ACF.
 - Protecting steel area (concrete) WG (Dr. Kanematsu, Dr. Minagawa)
 - ✓ You have read through the report of the Japan Society of Civil Engineering 335 committee, we want to discuss the part missing.
 - ✓ I want to increase the number of committee of WG. Dr. Kanada and Dr. Fukuyama will join this WG.
 - Corrosion of steel (steel) WG (Dr. Miyazato)
 - ✓ I would like to introduce the activities and having measurement equipment on each organization in the next WG.
 - ✓ It is expected to provide information of an association from the secretary.

4. Topics provides

Dr. Minagawa was reported the research result as follows.

“Research for evaluation method of concrete using electrochemical technique and the quantification of the effects of cathode protection prediction method “

- ✧ Relationship between diffusion coefficient of chloride ion and electrical resistance ratio
- ✧ Some factors of effect for result of electrical resistance measurement
- ✧ Development for assistance system of design on cathode protection method based on real concrete structures.