

## **ACI COMMITTEE 234: SILICA FUME IN CONCRETE**

**Tuesday, November 11, 2009, 2:00-3:30 p.m.  
New Orleans, Illinois**

**Rob Lewis called to order the meeting at 2:06 p.m.**

### **Attendance:**

**Members: Jan Olek, Julie Buffenbarger (Secretary), Eckart Bühler, Tony Kojundic, Rob Lewis, Per Fidjestøl, Jim Wolsiefer, Bob Hoopes**

### **Excused Absences:**

**Members: Rachel Detweiler, Terry Holland, Kamal Khayat, Syed Azi Rizwan, Doug Hooten, Zhang Min-Hong; and Associate Member: Ramon Carrasquillo**

### **Minutes of Last Meeting:**

The minutes were approved by Tony Kojundic and seconded by Per Fidjestøl

### **Tech Notes:**

Terry Holland was to discuss the Tech Notes from the Silica Fume in Concrete Committee. He did not attend the meeting, however, his objections to the lack of technical content was noted and discussed. Secretary Buffenbarger and acting chair Lewis had discussed the format and intention of the Tech Note with ACI Staff Member Matt Senecal prior to the start of the Silica Fume in Concrete technical meeting. Mr. Senecal explained that the format of the Tech Note should be practice oriented and appeal to Designers and Practitioners. Further discussion ensued by the committee and Tony Kojundic motioned that all Tech Notes should be tabled until more guidance was received by TAC. Per Fidjestøl seconded this motion.

Eckart Bühler stated that the Industrial Application Tech Note had been updated on March 15, 2009. However this Tech Note has not been balloted. Eckart will contact Rachel Detweiler to confirm the status of this Tech Note.

### **Update of the Committee 234 Document:**

Inclusion of the sustainability chapter was discussed. The committee agreed that several key attributes should be included into this chapter - specimen size reduction, environmentally friendliness as a binder, increased durability, and reuse of concrete containing silica fume concrete.

The rheology chapter will be included into the silica fume and concrete technical document and also included as a tech note.

### **New Business:**

Tony Kojundic discussed the availability of the new software version 2.0.1 of Life 365. The latest version will allow for more defaults. The software is downloadable free of charge at [www.Life-365.com](http://www.Life-365.com).

Per Fidjestøl also discussed the availability of version 3.0 of the Elkem Materials Mix Analyzer “EMMA”. EMMA is a software program for evaluation of particle-packing and calculates the composite particle size distribution. This software provides the basis for accurate design, for instance of vibra-table and self-flowing castables, for Self Consolidating Concrete (SCC), and even for Very and Ultra High Strength Concrete (VHSC, UHSC). The software is downloadable free of charge at [concrete.elkem.com](http://concrete.elkem.com).

Meeting was adjourned at 2:45 p.m.