

**ASA Education Committee Meeting
Minutes
Marriott New Orleans
November 7, 2009
11:00am -12:00am**

Attending: Education Chair Ray Schallom, Ron Lacher, Oscar Duckworth, Dan Millette, Marcus Von der Hoffen, Tom Norman, Chris Marston, J.F. Dufour, Patrick Bridger, Joseph Tortorella, Ted Sofis, Michael Cotter, Mark Lukkarila, Ryan Poole, Bill Drakeley, John Zang, Warren Harrison, Lars Balck, Jonathan Dongell, Charles Hanskat, Chris Darnell (Staff)

1) Call to Order

2) Reading of the Anti Trust Policy (Exhibit A)

3) Review of the Spring Meeting Minutes

a) Vote to approve

Motion moved and seconded to approve the minutes - unanimously approved

4) Educator Status

a) Review of the Educator Policy

1) Educator applicants participation throughout the entire session in order to get credit for that session

2) List of Intern Educators needing to complete their sessions

Chair Schallom asked staff to email the approved educators\examiners the list of intern educators needing to complete their sessions.

b) Protocol with attending sanctioned ACI sessions that have Education sessions included

1) Get a list from Melissa on the future sessions

2) Call the ACI Examiner conducting the session for permission to attend the session

Chair Schallom reviewed for the committee the existing process and the need to follow that process.

c) Educator evaluation sheet for the HOST/Contractor to fill out after the session. This would be emailed or faxed to ASA's office for review

1) Marcus- had started on an evaluation sheet- Status

Marcus is continuing work on the evaluation sheet. He will work with Chris (staff) on finalizing a form for review by the committee.

d) Educator Task Group Members

1) Review and acceptance of the applicants to begin their internship

2) Review any negative Educator evaluations

Staff will confirm the current members of the task group. Current applications awaiting review will be reviewed shortly.

5) ASA Training Module Task Group

a) Set up some time lines on updating the training modules before the NEW ACI CP-60 study book hits the book store.

The current task group members are Ray Schallom, Oscar Duckworth, John Zhang, Roberto Gardia, Ted Sofis, Bill Drakeley & Dan Millette. Ron Lacher, Bill Drakeley, Joe Tortorella, & Tom Norman are to review the pool modules and Chris (staff) & JF Dufour to review final versions.

The committee discussed plans for moving forward on this project. Plans are also forming to offer the training module in Spanish too.

6) Grad Scholarship Committee

1) Recent ASA Scholarship recipients

The winner of the U.S. scholarship was Benjamin Turner from California Polytechnic State University, and the winner of the Canadian (Laval) scholarship was Nicolas Ginouse. The scholarship sub-committee was very pleased with the level of applicants and especially with the two winners.

2) Possibility of including undergrad students committed to Civil Engineering

After a brief discussion, it was the consensus of the committee to keep the scholarships at the graduate level.

7) Inspector Training

1) Ray typed up an outline for the program

Ray will forward a copy of the existing outline (based on the task group 37 document) to the entire committee.

2) Input on going forward with a Inspector training Program

There was discussion about timing the development and release of a Shotcrete Inspector training program with the release of the planned ACI Shotcrete Inspector program.

3) Subcommittee- Who would like to chair, and who would like to be a committee member

A new task group to focus on this new effort was formed and the members are: Michael Cotter, Ryan Poole, Ted Sofis, Oscar Duckworth, Marcus Von der Hofen, John Zhang, J.F. Dufour, & Bill Drakeley. Chair of the task group will be Dan Millette.

8) New Business

The committee unanimously approved the following:

MOTION: “4000 psi minimum strength as presented in ACI 318 & 350 will be recommended for water retaining structures requiring low permeability on all ASA training material”.

The cited references in 318 & 350 are as follows:

- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND COMMENTARY (318-08)

Table 4.2.1 of 318-08 addresses exposure categories and classes. Category P applies to concrete in contact with water requiring low permeability.

Exposure Category P is subdivided into two exposure classes: Structural members should be assigned to Exposure Class P0 when there are no specific permeability requirements. Exposure Class P1 is assigned on the basis of the need for concrete to have a low permeability to water when the permeation of water into concrete might reduce durability or affect the intended function of the structural member. Exposure Class P1 should typically be assigned when other exposure classes do not apply. An example is an interior water tank.

TABLE 4.3.1 — REQUIREMENTS FOR CONCRETE BY EXPOSURE CLASS

Exposure Class	Max. w/cm	Min. fc' psi
P1	0.50	4000

- CODE REQUIREMENTS FOR ENVIRONMENTAL ENGINEERING CONCRETE STRUCTURES AND COMMENTARY (ACI 350-06)

TABLE 4.2.2—REQUIREMENTS FOR SPECIAL EXPOSURE CONDITIONS

Exposure condition	Maximum water-cementitious Materials ratio, by weight*	Minimum fc', psi
Concrete intended to have low permeability when exposed to water, waste-water, and corrosive gasses	0.45	4000

There was discussion regarding the difference between an ASA Educator and a nozzleman trainer. It was the general consensus of the committee that it is not ASA’s role to train individuals and/or companies that have no experience with shotcrete.

9) Motion to Adjourn - A motion was made, seconded and approved to adjourn the meeting.