

# Test Lab Task Group

Thursday, March 22<sup>nd</sup>, – Conference Call Notes

1:00PM EDT

Chair: Michael Thoman – Architectural Testing, Inc.

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## 1. The meeting was called to order

- a. Attendance: M. Thoman, B. Shah, G. Riopel, K. White, L. Kirk, D. Anderson, W. duPont, G. Singh, R. Zeiders, S. Coble, D. Stoehr, M. McDonald, and S. Hanlon (NFRC Staff).

## 2. Old Business:

### a. Inspection Checklist

- i. NFRC Staff confirmed that the ASTM 1363-97 test method will be used for inspections until the 1363-05 method is implemented. Staff will distribute the checklist to W. duPont and B. Shah.

### b. NFRC Calculation sheet

- i. The following recommendations will be added to the spreadsheet:
  1. SI units
  2. The sheet needs to have the ability to use either EMF or a temperature conversion for Qmb; and a combination of Qmb & Qfl.
- ii. NFRC Staff will distribute W. duPont's sheet to the TG.
- iii. W. duPont and NFRC Staff will work on the recommendations and have them completed by the next conference call.

### c. View Factor

- i. W. duPont provided reasoning for the removal of the Ap / Ab ratio in the fb1 calculation – theoretically not justifiable and was introduced as an experiment.
- ii. W. duPont confirmed that the ratio is currently not in the 1199-00 method.
- iii. TG decided to table this discussion until W/ duPont can present research data in regards to this issue.

### d. AW Method

- i. TG agreed the introduction of this method should wait until the 2009 test procedures.
- ii. TG will investigate this method upon receipt of data from a standardization research project.

### e. Relative Humidity

- i. G. Singh provided revised language for Section 4.2(A) of the NFRC 102. TG will submit this language for a NFRC 102 July ballot.

### f. ASTM 1363-05 Implementation

- i. Labs will provide feedback by April 13<sup>th</sup> regarding their labs timeframe to implement 1363-05.

3. New Business

a. ASTM 1199 update by W. duPont

- i. W. duPont informed the TG about revisions within the test method.
- ii. TG agreed it would be best to ballot the 1199 now and discussion can take place during the ASTM conference on 4/17/07.

b. Emissivity Simulation vs. Testing – B. Shah

- i. NFRC Staff will distribute the fundamental formula and language based on a study by C. Curcija for review. B. Shah believes this formula may help with other issues the TG is currently reviewing (fb1, etc.).
- ii. NFRC Staff will provide the language to W. duPont for probable implementation into the ASTM 1199 ballot.

4. Next meeting is scheduled for Tuesday, May 8<sup>th</sup> at 1:00PM EDT.

5. The meeting was adjourned at 2:21PM