

Reflective Cracking Testing Notes

Date: March 10, 2015

Project: Reflective Cracking Indoor Phase IV

Weather:

	6:54 AM	3:54 PM
Temperature (°F):	28.9	50.0
Dew Point (°F):	26.1	46.9
Humidity (%):	89	89
Visibility (Miles):	10.0	8.0
Wind (MPH):	Calm	4.6 ESE
Conditions:	Clear	Light Rain

Working Hours: 7:00 AM – 4:30 PM

Sub-Contractor(s): ARA

Personnel: (1) technician (ARA)

Equipment: None

Reflective Cracking Testing Notes:

Cycling continued on the test item after chiller repairs were completed yesterday (3/9/2015). The rig recipe was set to run 5,000 cycles. The master counter remained at count 913 and will increment from this point on. On the South test section, the inner and outer vertical edges show no change. On the North test section, the inner vertical edge shows crack propagation moving diagonally towards the right. The North outer vertical edge crack has propagated upward 2.5 inches reaching SG6-N-2.5. SG6-N-2.5 is still responding but SG6-N-0 is not.

The chiller has been running since the replacement of the controller unit yesterday. The controller unit had moisture damage leading to relay faults which were causing the low flow problem. The temperature at the interface is reading 29.7 °F (T1-S) and 29.4 °F (T1-N).