This is to signify that

CEEM STRUCTURE LABORATORY AT THE UNIVERSITY OF ARIZONA
1209 E. 2ND STREET, ROOM NO. 118
TUCSON, ARIZONA 85721-0072

Testing Laboratory TL-619

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ISO/IEC Standard 17025:2005, General requirements for the competence of testing and calibration laboratories, and has been accredited, commencing October 3, 2014, for the test methods listed in the approved scope of accreditation.

Patrick V. McCullen
Vice President, Chief Technical Officer

C. P. Ramani, P.E.
President
# SCOPE OF ACCREDITATION

CEEM Structure Laboratory at the University of Arizona TL-619

<table>
<thead>
<tr>
<th>FIELDS OF TESTING</th>
<th>ACCREDITED TEST METHODS</th>
</tr>
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<tbody>
<tr>
<td>Construction Material Testing</td>
<td>ASTM Standards C 39, C 78, C 293, C 617, C 1609. Test methods referenced in Section 5.0 of ICC ES AC125 (Sections 5.1 to 5.8), Section 9 of AC178, Sections 3.0, 4.2.3, 4.3.4, 4.3, 4.7 and 5.0 of AC434</td>
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<tr>
<td>Composites</td>
<td>ASTM Standards D 3039, D 7205 and D 7565; ACI440.3R (except Part B.6)</td>
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<tr>
<td>Physical Testing of Structural Assemblies</td>
<td>ASTM Standard D 2344; Test methods referenced in Section 5.0 of ICC ES AC125 (Sections 5.1 to 5.8), Section 9 of AC178, Sections 3.0, 4.2.3, 4.2.4., 4.3, 4.7 and 5.0 of AC434</td>
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