

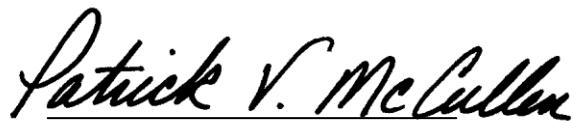
International Accreditation Service  
**CERTIFICATE OF ACCREDITATION**

*This is to signify that*

**CTLGROUP**  
5400 OLD ORCHARD ROAD  
SKOKIE, ILLINOIS 60077

Testing Laboratory TL-200

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General requirements for the competence of testing and calibration laboratories*, and has been accredited, commencing November 4, 2011, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen  
Vice President



C. P. Ramani, P.E.  
President



*(see attached scope of accreditation for fields of testing and accredited test methods)*

Print Date: 11/28/2011

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See the IAS Accreditation Listings on the web at [www.iasonline.org](http://www.iasonline.org) for current accreditation information, or contact IAS directly at (562) 364-8201.

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International Accreditation Service  
**SCOPE OF ACCREDITATION**

CTLGroup TL-200

CTLGroup  
 5400 Old Orchard Rd.  
 Skokie, IL 60077

Jeffrey Leavitt  
 Quality Manager  
 (847) 972-3058

FIELDS OF TESTING	ACCREDITED TEST METHODS
Concrete (including fiber-reinforced concrete, masonry, cement, mortar and grout) and aggregates	ASTM Standards C 29, C 31, C 39, C 40, C 42, C 67, C 78, C 88, C 91, C 109, C 114, C 117, C 123, C 127, C 128, C 131, C 136, C 138, C 140, C 142, C 143, C 151, C 157, C 172, C 173, C 185, C 187, C 190, C 191, C 192, C 204, C 215, C 227, C 231, C 232, C 234, C 266, C 270, C 289, C 293, C 348, C 403, C 426, C 430, C 441, C 451, C 457, C 469, C 482, C 496, C 512, C 535, C 566, C 567, C 617, C 641, C 642, C 666, C 672, C 702, C 779, C 780, C 856, C 947, C 1018, C 1019, C 1064, C 1077, C 1105, C 1116, C 1152, C 1202, C 1218, C 1222, C 1314, C 1357, C 1388, C 1581, E 514, E 518, and E 519; Test methods referenced in Sections 3 and 4 of ICC-ES Acceptance Criteria AC51
Steel wire, bar and strand materials; Steel studs, joists and tracks	ASTM Standards A 82, A 184, A 185, A 370, A 416, A 421, A 496, A 497, A 615, A 616, A 617, A 706, A 722, A 767, A 775, A 882, A 884, A 934, A 944 and E 328; Test methods referenced in Sections 3 and 4 of ICC-ES Acceptance Criteria AC46
Welded and mechanical connections for concrete reinforcing steel; Post-tensioning anchorages and couplers	1997 UBC Standard 19-1; Test methods referenced in Sections 3 and 4 of ICC-ES Acceptance Criteria AC133 and AC303; Caltrans Test 670

November 4, 2011  
 Commencement Date



*C. P. Ramani*  
 C. P. Ramani, P.E.  
 President

Print Date: 11/28/2011

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International Accreditation Service  
**SCOPE OF ACCREDITATION**

CTLGroup TL-200

FIELDS OF TESTING	ACCREDITED TEST METHODS
Adhesive and mechanical anchors in concrete and masonry elements	Test methods referenced in Section 5.0 of ICC-ES Acceptance Criteria AC01 and Sections 3 and 4 of AC58, Tables 4.1, 4.2 and 4.3 AC193 and Tables 4.1, 4.2, 4.3 and 4.4 of AC308; ASTM Standards E 488, E 754 and E 1512
Wall panels	ASTM Standards C 1452 (Section 9 only), E 72, E 330 and E 661; Test methods referenced in Section 4.0 of AC32 and AC86
Reinforced and prestressed concrete pipe	ASTM Standard C 497
Seismic isolation/damping system components	1997 UBC Section 1665
Fasteners	ASTM Standard E 1190; Test methods referenced in Sections 3 and 4 of ICC-ES Acceptance Criteria AC118
Deck board and guardrail systems	Test methods referenced in Sections 3, 4 and 5 of ICC-ES Acceptance Criteria AC174 (except Sections 3.9 and 3.10)
Cement-based fabric composite system	Test methods referenced in Sections 3 and 4 of ICC-ES Acceptance Criteria AC218 (except Sections 4.1, 4.2 and 4.6)
Construction materials	ASTM Standard E 96

November 4, 2011  
 Commencement Date



*C. P. Ramani*  
 C. P. Ramani, P.E.  
 President

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