Miami-Dade County, Florida
DEPARTMENT OF REGULATORY, AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

MIAMI-DADE COUNTY APPROVED

This certifies that Construction Technology Laboratories, Inc. located at 5400 Old Orchard Road, Skokie, IL 60077 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

ASTM C67	ASTM C642
ASTM C78	ASTM C496
ASTM C109	ASTM C1202(AASHTO T277)
ASTM C418	ASTM E72
ASTM C469	ASTM E488
	ASTM E514(ASTM C1389)

International Accreditation Services, Inc.
Certificate of Accreditation TL-200
AAP AASHTO Accreditations: R18, C1077(Aggregate , Concrete)
C1222 (Cement), E329(Aggregate, Concrete)

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

William Gene Corley, P.E., Steven J. Smith, P.E., Peter R. Kolf, P.E., Richard T. Kaczkowski, P.E., John W. Gadja, P.E.

This Certification and Registration Approved: **July 19, 2012**
This Certification and Registration Expires : **May 21, 2017**

Certification No. : **12-0516.06** *Renews: 07-0807.03*

Jaime D. Gascon, P.E.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S.
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

International Accreditation Service

CERTIFICATE OF ACCREDITATION

This is to signify that

CTLGROUP
5400 OLD ORCHARD ROAD
SKOKIE, ILLINOIS 60077

Testing Laboratory TL-200
(Revised March 7, 2012)

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

ilac-MRA

IAS ACCREDITED

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

Print Date: 03/16/2012

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 for current accreditation information, or contact IAS directly at (562) 364-8201.

11-04577

International Accreditation Service

SCOPE OF ACCREDITATION

CTLGroup TL-200
(Revised March 7, 2012)

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

November 4, 2011
Commencement Date

ACCREDITED

C. P. Ramani, P.E.
President

Print Date: 03/16/2012

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11-04680

International Accreditation Service

SCOPE OF ACCREDITATION

CTLGroup TL-200
(Revised March 7, 2012)

FIELDS OF TESTING	ACCREDITED TEST METHODS
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
Adhesive and Mechanical Anchors in Concrete and Masonry Elements	ASTM Standards E 488, E 754 and E 1512; 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
Wall Panels	ASTM Standards C 1452 (Section 9 only), E 72, E 330 and E 661; Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC32, AC86 and AC237
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

ACCREDITED

C. P. Ramani, P.E.
President

Print Date: 03/16/2012

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11-04680

CTLGroup

Skokie, Illinois

Show This Entry Only

Jeffrey S. Leavitt
5400 Old Orchard Road
Skokie, Illinois 60077

Phone: (847) 972-3058
Fax: (847) 965-6541
jleavitt@ctlgroup.com
http://www.ctlgroup.com

Quality Systems - accredited since 8/21/2002
R18, C1077 (Aggregate), C1077 (Concrete), C1222 (Cement), E329 (Aggregate), E329 (Concrete)

Aggregate - accredited since 8/21/2002
C29, C40, C70, C88, C117, C123, C127, C128, C131, C136, C142, C227, C289, C295, C441, C535, C566, C586, C641, C702, C1260, C1567, D2419

Portland Cement Concrete - accredited since 8/21/2002
C31, C39, C42, C78, C138, C143, C157, C172, C173, C192, C215, C231, C232, C233, C293, C403, C457, C469, C496, C512, C567, C617, C642, C666, C672, C779, C805, C1064, C1084, C1105, C1152, C1202, C1218, C1260, C1293, C1567

Hydraulic Cement - Physical Tests - accredited since 8/21/2002
C109, C151, C183, C185, C186, C187, C191, C204, C266, C305, C430, C451, C1012, C1038, C1437, C1506

Hydraulic Cement - Chemical Tests - accredited since 9/4/2002
C114 (Aluminum Oxide – X-Ray Fluorescence)
C114 (Calcium Oxide – X-Ray Fluorescence)
C114 (Chloride – Reference)
C114 (Ferric Oxide – X-Ray Fluorescence)
C114 (Free Calcium Oxide – Reference)
C114 (Insoluble Residue – Reference)
C114 (Loss on Ignition – X-Ray Fluorescence)
C114 (Magnesium Oxide – X-Ray Fluorescence)
C114 (Manganic Oxide – X-Ray Fluorescence)
C114 (Phosphorus Pentoxide – X-Ray Fluorescence)
C114 (Potassium Oxide – X-Ray Fluorescence)
C114 (Silicon Dioxide – X-Ray Fluorescence)
C114 (Sodium Oxide – X-Ray Fluorescence)
C114 (Sulfur Trioxide – X-Ray Fluorescence)
C114 (Titanium Dioxide – X-Ray Fluorescence)
C114 (Zinc Oxide – X-Ray Fluorescence)

Masonry - accredited since 7/26/2007
C67 (Brick: Absorption)
C67 (Brick: Capping)
C67 (Brick: Compressive Strength)

C67 (Brick: Measurement)
C67 (Brick: Specimen Preparation)
C109 (Compressive Strength of Hydraulic Cement Mortars (Using 2-in. Cube Specimens))
C140 (CMU: Absorption)
C140 (CMU: Compressive Strength)
C140 (CMU: Measurement)
C140 (CMU: Sampling)
C185 (Air Content of Hydraulic Cement Mortar)
C270 (Standard Specification for Mortar for Unit Masonry)
C305 (Mechanical Mixing of Hydraulic Cement Pastes and Mortars of Plastic Consistency)
C1090 (Measuring Changes in Height of Cylindrical Specimens of Hydraulic-Cement Grout)
C1437 (Flow of Hydraulic Cement Mortar)
C1506 (Water Retention of Hydraulic Cement-Based Mortars and Plasters)
C1552 (Capping Concrete Masonry Units, Related Units and Masonry Prisms for Compression Testing)

Please note that our accreditations do not include an expiration date. An accreditation only expires when the laboratory fails to comply with our accreditation requirements.

* This information is only valid as of 7/13/2012. Please visit http://www.amrl.net for current accreditation status.

AMRL
AASHTO Materials Reference Laboratory

DEKRA
ISO 9001:2008 Certified

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