

International Accreditation Service

CERTIFICATE OF ACCREDITATION

This is to signify that

CEL CONSULTING
DIVISION OF CONSOLIDATED ENGINEERING LABORATORIES, INC.

534 23RD AVENUE
OAKLAND, CALIFORNIA 94606

Testing Laboratory TL-173

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited, commencing November 11, 2009, 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: 01/06/2010

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This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.

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SCOPE OF ACCREDITATION


CEL Consulting, Division of Consolidated Engineering Laboratories, Inc. TL-173

CEL Consulting, Division of Consolidated Engineering Laboratories, Inc.
 534 23rd Avenue
 Oakland, California 94606

Lee Mattis
 Principal Engineer/Vice President
 (510) 436-7626

FIELDS OF TESTING	ACCREDITED TEST METHODS
Powder-actuated fasteners, expansion anchors and adhesive anchors	Test methods referenced in Section 5.0 of ICC-ES Acceptance Criteria AC01 (except Section 5.7), Section 4.0 AC58, AC70, and AC1069 (except Section 4.7), Sections 4.0, Tables 4.1, 4.2 and 4.3 AC193 (except Method 'B' Embrittlement Tests), Sections 4.0, Tables 4.1, 4.2, 4.3 and 4.4, AC308 and Sections 4.0 and 5.0 AC316; ASTM Standards E 488, E 1190 and E 1512; ETAG 001; ACI 355.2
Sandwich panel	Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC04 (except Section 4.10)

November 11, 2009
 Commencement Date

TM

 C. P. Ramani, P.E.
 President

Print Date: 01/06/2009

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IELDS OF TESTING	ACCREDITED TEST METHODS
Joist hangers	Test methods referenced in Section 3.0 of ICC-ES Acceptance Criteria AC13
Nails and fasteners	Test methods referenced in Section 5.0 ICC-ES Acceptance Criteria AC95, Sections 3.0, 4.0 and 5.0 of AC116
Wood screws	Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC120
Wood shear panels	Test methods referenced in Section 5.0 of ICC-ES Acceptance AC130
Steel	ASTM Standards A 370, A 416, E 18 and F 606
Polymer matrix composite materials	ASTM Standard 3039

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