

International Accreditation Service, Inc.

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 demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited, commencing August 8, 2007, 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)

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. Print Date: 11/26/2007

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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 | ICC-ES Acceptance Criteria AC01, AC58, AC70, AC106, AC193 (except Embrittlement Tests) and AC308; ASTM Standards E 488, E 1190 and E 1512; ETAG 001; ACI 355.2 |
| Sandwich panel | ICC-ES Acceptance Criteria AC04 (except Section 4.10) |
| Joist hangers | ICC-ES Acceptance Criteria AC13; |
| Nails and fasteners | ICC-ES Acceptance Criteria AC95 and AC116 |
| Wood screws | ICC-ES Acceptance Criteria AC120 |
| Wood shear panels | ICC-ES Acceptance Criteria AC130 |
| Steel | ASTM Standards A 370, A 416, E 18 and F 606 |
| Polymer matrix composite materials | ASTM Standard 3039 |

August 8, 2007
Commencement Date



C. P. Ramani, P.E.
President

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