

International Accreditation Service

CERTIFICATE OF ACCREDITATION

This is to signify that

KRAZAN & ASSOCIATES, INC.

922 VALLEY AVENUE NORTHWEST, SUITE 101
PUYALLUP, WASHINGTON 98371

Testing Laboratory TL-227

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 August 21, 2009, for the test methods listed in the approved scope of accreditation.

Patrick V. McCullen

Patrick V. McCullen
Vice President

C. P. Ramani

C. P. Ramani, P.E.
President

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

Print Date: 01/22/2010

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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.

International Accreditation Service

SCOPE OF ACCREDITATION

Krazan & Associates, Inc. TL-227

Krazan & Associates, Inc.
922 Valley Avenue NW, Suite 101
Puyallup, WA 98371

Ken Sahi
Technical Director
253) 665-3574

| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|-------------------------|---|
| Concrete and Aggregates | ASTM Standards C 42, C 70, C 78, C 88, C 109, C 123, C 127, C 142, C 192, C 495, C 566, C 567, C 702, C 1231, Test methods referenced under 'Concrete inspection and testing' of ASTM Standard E 329 (limited to C 29, C 31, C 39, C 40, C 117, C 127, C 128, C 136, C 138, C 143, C172, C 173, C 231, C 511, C 617 C1064 and C1231) and D 75 |
| Soils and Rock | ASTM Standards D 421, D 1140, D 1556, D dd16, D 2419 and D6938, Test methods referenced under 'Soils and rock inspection and testing of ASTM Standard E329 (limited to D 698, D 854, D 1557, D 4318 and D 5240) |
| Steel | ASTM Standard A 880 (limited to E 114, E 164, E 165, E 783 and E1105), Test methods referenced under 'Steel inspection and testing' of ASTM Standard E 329 |

August 21, 2009
Commencement Date

Print Date: 01/22/2010


C. P. Ramani, P.E.

President

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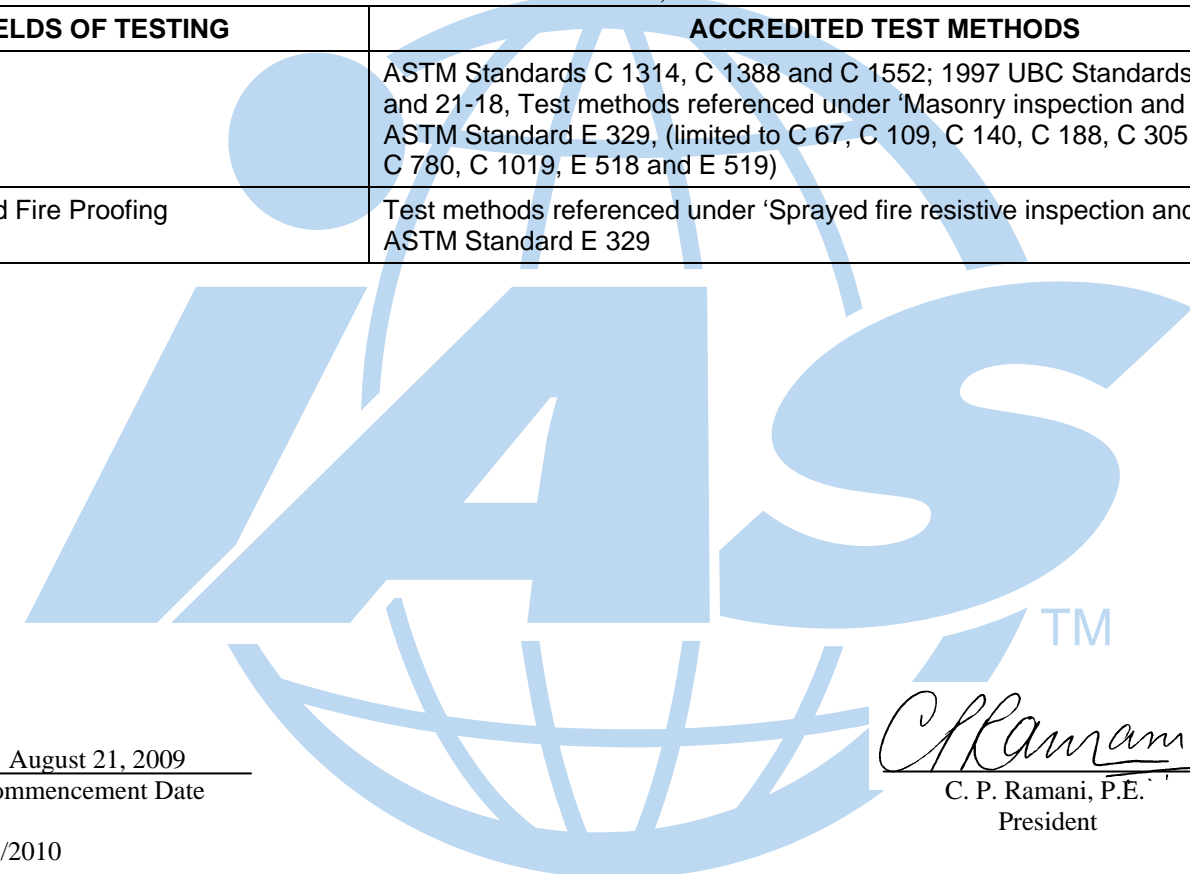
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| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|-----------------------------|---|
| Masonry | ASTM Standards C 1314, C 1388 and C 1552; 1997 UBC Standards 21-16, 21-17 and 21-18, Test methods referenced under 'Masonry inspection and testing' of ASTM Standard E 329, (limited to C 67, C 109, C 140, C 188, C 305, C 349, C 476, C 780, C 1019, E 518 and E 519) |
| Spray-applied Fire Proofing | Test methods referenced under 'Sprayed fire resistive inspection and testing' of ASTM Standard E 329 |



August 21, 2009
Commencement Date

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

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