

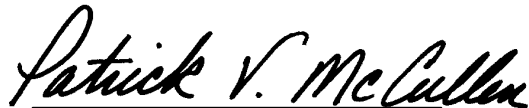
International Accreditation Service
CERTIFICATE OF ACCREDITATION

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 January 13, 2011, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President



ACCREDITED

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

Print Date: 03/01/2011

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 for current accreditation information, or contact IAS directly at (562) 699-0541.

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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 and C 1231 and D 75; 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, C 157, C172, C 173, C 231, C 511, C 617 C1064 and C1231)
Soils and Rock	ASTM Standards D 421, D 1140, D 1556, D 3016, D 2419 and D 6938; 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 E 1105); Test methods referenced under Steel inspection and testing of ASTM Standard E 329
Masonry	ASTM Standards C 1314, C 1388 and C 1552; 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 780, C 1019 and E 518)
Spray-applied fire proofing	Test methods referenced under Sprayed fire resistive inspection and testing of ASTM Standard E 329

January 13, 2011
Commencement Date



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



Print Date: 03/01/2011

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