

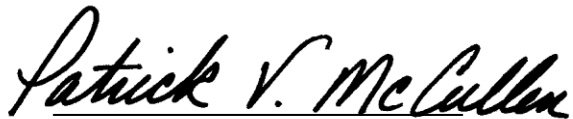
International Accreditation Service
CERTIFICATE OF ACCREDITATION

This is to signify that

KRAZAN & ASSOCIATES, INC.
11715 NORTH CREEK PARKWAY SOUTH, SUITE C-106
BOTHELL, WASHINGTON 98011

Testing Laboratory TL-277

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



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President



Print Date: 11/21/2011

(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 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.

International Accreditation Service

SCOPE OF ACCREDITATION

Krazan & Associates, Inc. TL-277

Krazan & Associates, Inc.
11715 N. Creek Pkwy. S, Ste. C-106
Bothell, WA 98011

Ken Sahi, PE
(425) 485-5519

FIELDS OF TESTING	ACCREDITED TEST METHODS
Concrete and aggregates	ASTM Standards C 109, C 131, C 469, C 496, C 535, C 567, Test methods referenced under Concrete inspection and testing of ASTM Standard E 329 (limited to C 29, C 31, C 39, C 40, C 70, C 78, C 88, C 117, C 123, C 127, C 128, C 136, C 138, C 142, C 143, C 172, C 157, C 173, C 192, C 231, C 511, C 566, C 617, C 1064, C 1077 and C 1231); Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC32 (except Annex C-2)
Soil and rock	ASTM Standards D 2216 and D 6938, Test methods referenced under Soils and rocks of ASTM Standard E 329 (limited to D 422, D 698, D 854, D 1557, D 1883, D 2166, D 2435, D 2487, D 2740, D 2938, D 3740 and D 4318)
Masonry and grout	Test methods referenced under Masonry inspection and testing of ASTM Standard E 329, ASTM Standards C 140, C 1019, C 1314 and C 1388
Clay tile	ASTM Standard C 67
Bituminous materials	Test methods referenced under Bituminous inspection and testing of ASTM Standard E 329, D 2041 and D 3666, AASHTO Standard TP53
Spray-applied fire proofing	Test methods referenced under sprayed fire resistive Inspection and testing of ASTM Standard E 329
Steel	Test methods referenced under Steel inspection and testing of ASTM Standards E 329, E 114, E 164, E 165, E 543, E 605, E 736, E 783 and E 1105

July 13, 2011
Commencement Date



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

Print Date: 11/21/2011

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