

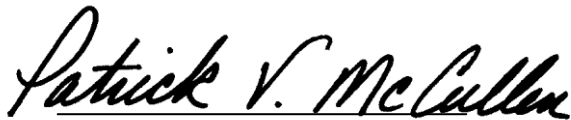
International Accreditation Service
CERTIFICATE OF ACCREDITATION

This is to signify that

DOHA TECHNICAL LABORATORIES
SALWA INDUSTRIAL AREA, STREET NO. 41, GATE 145
OPP. QBC READY MIX
DOHA 100
QATAR

Testing Laboratory TL-384

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 January 5, 2012, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President



Print Date: 02/01/2012

(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

Doha Technical Laboratories TL-384

Doha Technical Laboratories
 Salwa Industrial Area, Street No. 41, Gate 145
 Opp. QBC Ready Mix
 Doha 100
 Qatar

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FIELDS OF TESTING	ACCREDITED TEST METHODS
Asphalt	ASTM Standards D 5-06E1, D 2041-03A, D 70, D 88, D 92, D 95 (Clause 9.3 only), D 113, D 139, D 402, D 1754, D 2042, D 2872, D 2950, D 7402 (Method A only), D 7496 and E 102; British Standards BS 434-1 (Appendix G only), 598 Part 104; BS EN 1427, 12697-1 (Appendix B15 only), 12697-2, 12697-5 (Clause 9.4 Procedure C only), 12697-6 (Clause 9.2, 9.3, 9.5 and 10.2 only), 12697-13, 12697-29, 12697-30, 12697-34, 12697-35, 12697-36 (Test 4.1 only), 12697-39 and 13036-7
Cement and Concrete	<p>Cement ASTM Standards C 187 and C 191; BS EN 196-3 (Clauses 6 and 7 only)</p> <p>Concrete ASTM Standards C 138/C138M, C 140, C 143, C 172, C 1064/C1064M; British Standards BS 2484 (Appendix A only) and 6717 Part1:1; BS EN 12390-3, 12350-2, 12390-1, 12390-2, 12390-3, 12390-5, 12390-7, 12390-8, 12504-1 and 13748-1 (Test 5.5 and 5.8 only).</p>

November 1, 2009
 Commencement Date



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

Print Date: 02/01/2012

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International Accreditation Service
SCOPE OF ACCREDITATION

Doha Technical Laboratories TL-384

FIELDS OF TESTING	ACCREDITED TEST METHODS
Aggregate	ASTM Standards C 117, C 123, C131, C 142 and D 5821; British Standards BS 812 Part 105.1, 812 Part 105.2, 812 Part 111 (Tests 7.1 and 7.2), 812 Part 112:1, 812 Part 110, 812 Part 2; BS EN 933-1, 933-7 and 1097-6 (Tests 7, 8 and 9)
Road Markings	ASTM Standard E 1696; British Standard BS 6088 (Appendix B only); BS EN 1437, 1436 (Annexes A, B and D only), 13197 (Annexes C1 and C2 only)
Geotechnical/Rock	ASTM Standards D 57751, D 7012; British Standards BS 1377-5 (Test 5 only), 1377-7 (Tests 3 and 4.5.4 only), 1377-9 (Test 3 only) and 5930 (Section BS 1377-3 Test 3 only)
Soil	ASTM Standards D 2419, D 4318 and D 6938; British Standards BS 1377 Part 2 (Test 3.2, 4.3, 5, 6.5, 8.2, 8.3, 9.2 and 9.3), 1377-4 9 (Tests 3.6 and 7 only) and 1377-9 (Tests 2.1 and 2.2 only)
Steel	BS EN 4449 (Test 7.2.5 only) and 10002-1
Chemistry (Aggregate, soil and water)	ASTM Standards C 40, C 88 and D 5334; British Standards BS 812 Part 117, 812 Part 118, 1377 Part 3 (Clauses 3, 5, 7, 8 and 9 only) Water APHA 2320B, APHA 2510B, APHA 2520B, APHA 2540B, APHA 2540C, APHA 2540D, APHA 2540E, APHA 4500Cl- B, APHA H+ B; ASTM Standard D 512; British Standard BS 6069-2.51; BS EN ISO 9963-2:1996/BS 6068-2.52, BS ISO 10523:2008
Instrument Chemistry – Water Wastewater and Solids	US EPA 6010C (Aluminum, Arsenic, Barium, Beryllium, Bismuth, Boron, Cadmium, Chromium, Cobalt, Calcium, Iron, Lead, Lithium, Magnesium, Molybdenum, Mercury, Potassium, Selenium, Silicon, Silver, Sodium, Strontium, Tin, Vanadium, Copper, Gold, Iridium, Manganese, Platinum)

November 1, 2009
 Commencement Date



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