

International Accreditation Service
CERTIFICATE OF ACCREDITATION

This is to signify that

ARAB CENTER FOR ENGINEERING STUDIES (ACES-DOHA)

P.O. BOX 19579 BIN OMERAN
AHMED BIN ALI STREET
DOHA
QATAR

Testing Laboratory TL-343

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 September 3, 2010, for the test methods listed in the approved scope of accreditation.

Patrick V. McCullen

Patrick V. McCullen
Vice President



Print Date: 11/9/2010



ACCREDITED

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

C. P. Ramani

C. P. Ramani, P.E.
President



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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

Arab Center for Engineering Studies TL-343

Arab Center for Engineering Studies
 PO Box 19579 Bin Omeran
 Ahmed Bin Ali Street
 Doha, Qatar

Abdulrahim Sulik
 Resident Manager
 011-974 4870141

FIELDS OF TESTING	ACCREDITED TEST METHODS
Concrete, masonry and aggregates	Concrete ASTM C 1202, BS 1981 Part 122, BS EN 12350-1, 12350-2, 12390-3, 12390-7 DIN 1048 Part 5 Aggregate ASTM C 136, C 117, C 127, C 128 and 136, BS 812 Parts 105.1 and 105.2 Masonry BS 6073 Part 2 Cement BSEN 196-1, 196-3 and 196-6

September 3, 2010
 Commencement Date

Print Date: 11/9/2010



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FIELDS OF TESTING	ACCREDITED TEST METHODS
Asphalt and binder	Asphalt ASTM D 2171 and D 2726 BS 598-107 and 598-104 test 4 only, BS EN 933-1, BS EN 12697-1, 12697-2, 12697-6, 12697-8, 12697-28, 12697-29 and 12697-34 Binder ASTM D 70 BS EN 1426 and 1427
Soil	ASTM Standards D 1883 and D 4318; ASTM G 57 (Soil Resistivity); BS Standards 1377- Part 2 Clauses 9.2, and 9.3, BS 1377 Part 4 Tests 3.5, 3.6, and 7.2.3.2, BS 1377 Part 9 Clause 2.1 and BS 5930, Section 6 (Description of soil and rocks)
Steel	BS Standards 4449:1997 Annex E Clause E 1.6 (Rebend) and Clause E 1.4 (Tensile), BS 4449:1988, App.C Clause 6.1 (Bend) and BS EN 10002 (Tensile).
Piling	ASTM D 4945 (High Strain Dynamic), D 5882 (Low Strain Integrity), D 6167 (Calliper Logging) and D 6760 (Ultrasonic Crosshole).

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FIELDS OF TESTING	ACCREDITED TEST METHODS
Chemistry- Cement concrete, aggregate and Soil	Cement BS EN 196-2 Clauses 7, 13.5, 13.6, 13.14 and 13.15 only Concrete BS 1881 Part 124 Clauses 10.2 and 10.3 only Aggregate BS 812 Part 124 Clause 6 only and BS 812 Part 117 Appendix C only Soil BS 1377 Part 3 Clauses 3, 5, 2, 5.3, 6, 7, 2 and 7.3 only
Environmental chemistry water and wastewater	APH A 2320B,2340C, 2510B,4500-Cl, and 2540 C; BS 1377 Clauses 5.4, 7.2, 8 and (only)

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