



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

BAYNUNAH LABORATORIES

INDUSTRIAL AREA ZONE 57, STREET 595, BUILDING 10, P.O. BOX 40615
DOHA, QATAR

Testing Laboratory TL-638

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 25, 2024



A handwritten signature in black ink, reading 'Raj Nathan'.

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

BAYNUNAH LABORATORIES

www.baynunahlab.com

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Contact Phone +974-4467-0487

Accredited to ISO/IEC 17025:2017

Effective Date March 25, 2024

Concrete	
ASTM C138	Standard Test method for density (unit weight), Yield and air content (gravimetric) of concrete
ASTM C143	Standard Test Method for Slump of Hydraulic Cement Concrete
ASTM C172	Sampling of Fresh Concrete
ASTM C231	Standard Test Method for Air content of freshly mixed Concrete by the Pressure Method
ASTM C617	Standard Practice for Capping Cylindrical Concrete Specimen
ASTM C1064	Standard Test Method for temperature of freshly mixed hydraulic cement concrete
ASTM C1202	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration
BS 1881-122	Method for Determination of Water Absorption – Concrete
BS 1881-208	Recommendations for the determination of the Initial Surface Absorption of concrete
BS EN 12390-1	Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and moulds
BS EN 12390-2	Making and Curing Specimens for strength tests - Concrete
BS EN 12390-3	Compressive Strength of Test Specimen – concrete
BS EN 12390-8	Depth of Penetration of water under pressure - Concrete
BS EN 12504-1	Cored Specimens- Taking, Examining and Testing in Compression
NT BUILD 492	Chloride Migration coefficient from Non-steady state migration Experiments
NDT	
ASTM C805/C805M-13a	Standard test method for Rebound number of hardened Concrete (Schmidt Hammer)
ASTM D4945	Standard test method for High Strain Dynamic Testing of Deep Foundations

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ASTM D5882	Standard test method for Low Strain Impact Integrity Testing of Deep Foundations
ASTM D6760	Standard Test Method for Integrity Testing of Concrete Deep Foundations by Ultrasonic Cross hole Testing - Pile Integrity (Cross Hole Test)
BS EN 12504-4	Testing Concrete: Determination of Ultra Pulse Velocity
Microscope Manual	Crack Measurement Microscope
Soil	
ASTM C702	Standard Practice for Reducing samples of Aggregates to testing size
ASTM D422-63	Standard test method for Particle Size Analysis of Soils
ASTM D1196	Standard test method for Non repetitive Static Plate load tests of soils and flexible pavement components, for use in Evaluation and design of Airport and Highway Pavements
ASTM D1557	Standard Test methods for Laboratory Compaction Characteristics of Soil Using Modified Effort
ASTM D1883	Standard Test Method for California Bearing Ratio of Laboratory Compacted Soils
ASTM D4380	Standard test method for density of Bentonitic Slurries
ASTM D6910	Standard test Method of Marsh Funnel viscosity of clay construction slurries
ASTM G57-2012	Standard test method for Field Measurement of Soil Resistivity using the Wenner Four-Electrode Method
BS 1377-2 Sec. 3.2	Determination of Moisture Content (Oven Drying method)
BS 1377-2 Sec. 4.4	Determination of Liquid Limit (Cone Penetrometer Method)
BS 1377-2 Sec. 5	Determination of Plastic Limit and Plasticity Index
BS 1377-2 Sec. 9.2	Particle Size Distribution (Wet Sieving method)
BS 1377-2 Sec. 9.3	Particle Size Distribution (Dry Sieving Method)
BS 1377-4 Sec. 3.5, 3.6	Dry Density/Moisture Content Relationship
BS 1377-7 Sec. 7.2	Determination of California Bearing Ratio (CBR)
BS 1377-9 Sec. 2.1	2.1 In-situ Density Tests-Sand Replacement Method Suitable for Fine- and Medium-grained Soils (Small Pouring Cylinder Method)
BS 1377-9 Sec. 2.2	2.2 In-situ Density Tests - Sand Replacement Method Suitable for Fine-, Medium- and Coarse-Grained Soils (Large Pouring Cylinder Method)
BS 1377-9 Sec. 4.1	Plate Load Test - Incremental Loading
Geotechnical	

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ASTM D4543	Preparing Rock Core Specimens to Dimensional and Shape Tolerances
ASTM D5731	Point Load index Determination
ASTM D7012	Compressive Strength of Rock Core Specimen: Method C
BS 1377 Part 9 Sec. 3.3	Standard Penetration Test (SPT)
BS 5930 Sec. 25.3	Soil Sampling
BS 5930 Sec. 26.4	Ground Water Sampling
BS 5930 Sec. 33	Description of Soil & Rock
BS 5930 Sec. 52.2	Ground Water Level Measurement
Steel	
BS 4449 Sec. 7.2.5	Bend Performance Test
BS EN ISO 6892-1	Metallic materials — Tensile testing — Part 1: Method of test at room temperature. (Deviation from clause 10.3 - testing rates).