



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

FUGRO PENINSULAR
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Valid To: May 31, 2022

Certificate Number: 4855.02

GEOTECHNICAL

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for:

<u>Test Method:</u>	<u>Test Description:</u>
ASTM D4429	CBR (California Bearing Ratio) of Soils in Place
ASTM D4944	Field Determination of Water (Moisture) Content of Soil by the Calcium Carbide Gas Pressure Tester
ASTM D6951/D6951M	Use of the Dynamic Cone Penetrometer in Shallow Pavement Applications
ASTM G57	Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method
BS 1377 Part 9 Clause 2.2	In-situ density tests - Sand replacement method suitable for fine, medium and coarse-grained soils (large pouring cylinder method)
BS 1377 Part 9 Section 3.3	Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)
BS 1377 Part 9 Clause 4.1	Determination of the vertical deformation and strength characteristics of soil by the plate loading test
BS 1377 Part 9 Clause 4.3	In-situ vertical deformation and strength tests - Determination of the in-situ California Bearing Ratio (CBR)
BS EN ISO 22476-3	Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)
BS 5930-1999+A2-2010 Clause 20.5 and 22 (Superseded) ¹	Code of Practice for Site Investigations - Soil and Rock Sampling
BS 5930-1999+A2-2010 Clause 23.2, 27.5, 47.2.7 (Superseded) ¹	Code of Practice for Site Investigations - Ground Water Level Measurement
BS 5930-1990+A2-2010 Clause 23.3 (Superseded) ¹	Code of Practice for Site Investigations - Ground Water Sampling
BS 5930-2015 Section 25	Code of Practice for Site Investigations - Soil and Rock Sampling
BS 5930-1990+A2-2010 Clause 25.4.3 (Superseded) ¹	Code of Practice for Site Investigations - Variable head test - Falling Head Permeability
BS 5930-1990+A2-2010 Clause 26.1, 26.2 and 26.3 (Superseded) ¹	Code of Practice for Site Investigations - Ground Water Level Measurement
BS 5930-2015 Section 48 (BS EN ISO 22282-2)	Code of Practice for Site Investigations - Variable head test - Falling Head Permeability
BS 5930-1999 + A2-2010 Clause 25.5 (Superseded) ¹	Code of Practice for Site Investigations - Packer test

<u>Test Method:</u>	<u>Test Description:</u>
BS 5930-2015 Section 48 (BS EN ISO 22282-3)	Code of Practice for Site Investigations - Packer test
BS 5930-1999 + A2-2010 Clause 44.4.4 (Superseded) ¹	Code of Practice for Site Investigations - Rock quality designation
BS 5930-1999 + A2-2010 Clause 44.4.4 (Superseded) ¹	Code of Practice for Site Investigations - Core recovery
BS 5930-2015 Section 36 (BS EN ISO 14689)	Code of Practice for Site Investigations - Description and classification of rock
BS 5930-1999 + A2-2010 Section 7 (Superseded) ¹	Code of Practice for Site Investigations - Geotechnical Reporting
BS 5930-2015 Clause 63.3	Code of Practice for Site Investigations - Geotechnical Reporting
BS 5930-1999 + A2 - 2010 Section 41 and 44 (Superseded) ¹ Clark and Walker	Code of Practice for Site Investigations - Soil description
BS 5930-2015 Section 33, 34 and 35 (BS EN ISO 14688-1 and 2)	Code of Practice for Site Investigations - Soil description
TWP-27: Ground Water Sampling	Water Sampling from Ground Wells and Holding Tanks using Micros Sampler
<u>Asphalt Pavement:</u>	
ASTM D4694	Deflections with a Falling-Weight-Type Impulse Load Device
ASTM E950/E950M	Measuring the Longitudinal Profile of Traveled Surfaces with an Accelerometer Established Inertial Profiling Reference
ASTM E1926	Computing International Roughness Index of Roads from Longitudinal Profile Measurements
ASTM E2583	Measuring Deflections with a Light Weight Deflectometer (LWD)



Accredited Laboratory

A2LA has accredited

FUGRO PENINSULAR

Doha, Qatar

for technical competence in the field of

Geotechnical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 21st day of July 2020.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4855.02
Valid to May 31, 2022

For the tests to which this accreditation applies, please refer to the laboratory's Geotechnical Scope of Accreditation.