



ACCREDITATION CERTIFICATE

LB-TEST-223

Emirates International Accreditation Centre

has accredited

WIMPEY LABORATORIES L.L.C (BRANCH)

Warehouse No 2, Wimpey Building, Plot No 364-8730, Al Quoz Industrial Area 1

Dubai-United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 21/09/2021 to 07/09/2023

Initial Accreditation Date: 08/09/2020




CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope
Geotechnical Investigation

LB-TEST-223

Wimpey Laboratories L.L.C (Branch)

Warehouse No 2, Wimpey Building, Plot No 364-8730, Al Quoz

Industrial Area 1

Dubai-United Arab Emirates

Issue no.: 04

Date: 15-09-2022

Valid to: 07-09-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Site Work	Methods of test for soils for civil engineering purposes Part 9: In-situ tests In Situ penetration test- Determination of the penetration resistance using the split-barrel sampler (the standard penetration test SPT)	BS 1377 Part 9 Section 3.3 and 3.3.3.2
Mechanical/Physical	Site Work	Code of practice for site investigations Field investigations Sampling the ground	BS 5930 Section 4 Clause 25 +A1

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Issue no.: 04

Date: 15-09-2022

Valid to: 07-09-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Site Work	Code of practice for site investigations Field investigations Methods of determining groundwater pressures Field tests Observation wells Reports and interpretation Descriptive report	BS 5930 Section 8 Clause 52.2 and Clause 52.3 +A1
Mechanical/Physical	Site Work	Code of practice for site investigations Field investigations Groundwater samples	BS 5930 Section 4 Clause 26.4 +A1

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Issue no.: 04

Date: 15-09-2022

Valid to: 07-09-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Rock and Soils	Code of practice for site investigations Field investigations Rotary open hole drilling and rotary core drilling	BS 5930 Section 4 Clause 24.11, Clause 24.11.2 and Clause 24.11.3 +A1
Mechanical/Physical	Rock and Soils	Code of practice for site investigations Description of soils and rocks Description of rock masses Rock Quality Designation	BS 5930 Section 6 Clause 36, Clause 36.4 & Clause 36.4.4 +A1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Rock and Soils	Code of practice for site investigations Description of soils and rocks Description of rock masses Core Recovery and Solid Core Recovery	BS 5930 Section 6 Clause 36, Clause 36.4 & Clause 36.4.4 +A1
Mechanical/Physical	Rock and Soils	Standard Test Methods for Compressive Strength and Elastic Moduli of Intact Rock Core Specimens under Varying States of Stress and Temperatures	ASTM D7012 Method C

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Rock and Soils	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216 Clause 10
Mechanical/Physical	Soil	Code of practice for site investigations Description of soils and rocks Soil Description Description and classification of rocks	BS 5930 Section 6 Clause 33 & Clause 36 +A1
Mechanical/Physical	Soil	Code of practice for site investigations Reports and interpretation	BS 5930 Section 10 +A1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Rock	Standard Practices for Preparing Rock Core as Cylindrical Test Specimens and Verifying Conformance to Dimensional and Shape Tolerances	ASTM D4543 Clause 9.1.1.2, Clause 9.2.2, Clause 9.3.2

Accreditation History		
Issue no.	Details	Date
04	Extension and voluntary reduction in scope	15-09-2022
03	Re-issued due to change the name of the laboratory (which was formerly known as Wimpey Laboratories)	21-09-2021
02	Change laboratory's location	30-11-2020
01	Granted accreditation from EIAC	08-09-2020

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Construction Materials Testing

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Issue no.: 04

Date: 15-09-2022

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Mortar	Standard Test Method for Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes	ASTM C580 Method A
Mechanical/Physical	Mortar	Standard Test Methods for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing and Polymer Concretes	ASTM C579 Method B only

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Mortar	Standard Test Method for Tensile Strength of Chemical-Resistant Mortar, Grouts, and Monolithic Surfacing	ASTM C307
Mechanical/Physical	Water Proofing Membrane	Standard Test Methods for Water Vapor Retarders Used in Contact with Earth under Concrete Slabs, on Walls, or as Ground Cover- Determination of Puncture resistance	ASTM E154/E154M
Mechanical/Physical	Water Proofing Membrane	Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes	ASTM D4073/D4073M

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Water Proofing Membrane	Standard Test Methods for Sampling and Testing Modified Bituminous Sheet Material: · Determination of Tear Strength · Determination of Tensile Strength & Elongation	ASTM D5147/D5147M
Mechanical/Physical	Water Proofing Membrane	Flexible sheets for waterproofing Part 1: Bitumen sheets for roof waterproofing - Determination of resistance to tearing (nail shank)	EN 12310 Part 1

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Date: 15-09-2022

Valid to: 07-09-2023

Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Concrete	Testing concrete Part 111: Method of normal curing of test specimens (20°C method) Part 114: Methods for determination of density of hardened concrete Part 116: Method for determination of compressive strength of concrete cubes	BS 1881 Parts 111 BS 1881 Part 114, and BS 1881 Part 116
Mechanical/Physical	Concrete	Testing hardened concrete Part 8: Depth of penetration of water under pressure	BS EN ISO 12390 Part 8

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Concrete	Testing concrete Part 122: Method for determination of water absorption	BS 1881 Part 122
Mechanical/Physical	Concrete	Standard Test Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	ASTM C1202
Mechanical/Physical	Concrete	Testing concrete Part 208: Recommendations for the determination of the initial surface absorption of concrete	BS 1881 Part 208

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Concrete	Testing hardened concrete Part 2: Making and curing specimens for strength tests (20°C Method)	BS EN 12390 Part 2
Mechanical /Physical	Concrete	Testing hardened concrete Part 7: Density of hardened concrete	BS EN 12390 Part 7
Mechanical /Physical	Concrete	Testing hardened concrete Part 3: Compressive strength of test specimens (determination of compressive strength of concrete cubes)	BS EN 12390 Part 3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Concrete	Testing hardened concrete Part 1: Shape, dimensions and other requirements for specimens and moulds.	BS EN 12390 Part 1
Mechanical/Physical	Soil	Methods of test for soils for civil engineering purposes Part 9: In-situ tests Sand replacement method suitable for fine, medium and coarse grained soils (large and small pouring cylinder method)	BS 1377 Part 9 Clause 2.2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Soil	Methods of test for Soils for civil engineering purposes Part 2: Classification tests Determination of particle size distribution- Wet sieving method & Dry Sieving Method	BS 1377 Part 2 Clause 9.2 & Clause 9.3
Mechanical/Physical	Soil	Methods of test for Soils for civil engineering purposes Part 4: Compaction-related tests. Clause 7: Determination of the California Bearing Ratio (CBR)	BS 1377 Part 4 Clause 7

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Soil	Methods of test for Soils for civil engineering purposes Part 4: Compaction-related tests. Clause 3: Determination of dry density/moisture content relationship: - Method using 4.5 kg rammer for soils with particles up to medium-gravel size - Method using 4.5 kg rammer for soils with some coarse gravel-size particles	BS 1377 Part 4 Clause 3.5 & Clause 3.6

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Soil	Methods of test for Soils for civil engineering purposes Part 2: Classification tests Determination of the liquid limit - Cone penetrometer method (definitive method)	BS 1377 Part 2 Clause 4.3

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Soil	Methods of test for Soils for civil engineering purposes Part 2: Classification tests Determination of the plastic limit and plasticity index: - Method for plastic limit - Derivation of plasticity index and liquidity index BS 1377 Part 2 Clause 5.3 & 5.4	BS 1377 Part 2 Clause 5.3 & 5.4

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Soil	Geotechnical investigation and testing- Laboratory testing of soil Part 12: Determination of liquid and plastic limits - cone penetrometer method (definitive)	BS EN ISO 17892 Part 12

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Soil	Geotechnical investigation and testing- Laboratory testing of soil Part 12: Determination of liquid and plastic limits - Method for plastic limit - Derivation of plasticity index and liquidity index	BS EN ISO 17892 Part 12
Mechanical /Physical	Soil	Geotechnical investigation and testing- Laboratory testing of soil Part 1: Determination of water content	BS EN ISO 17892 Part 1

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Aggregate	Standard Test Method for Density, Relative Density (Specific Gravity), and Absorption of Coarse Aggregate	ASTM C127
Mechanical/Physical	Aggregate	Testing aggregates. Method for determination of particle size distribution. Sieve tests	BS 812 Part 103.1
Mechanical/Physical	Aggregate	Testing aggregates Part 2: Methods for determination of density	BS 812 Part 2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Aggregate	Testing aggregates Part 110: Methods for determination of aggregate crushing value (ACV)	BS 812 Part 110
Mechanical/Physical	Aggregate	Testing aggregates Part 111: Methods for Determination of Ten Per Cent Fines Value (TFV)	BS 812 Part 111
Mechanical/Physical	Aggregate	Testing aggregates Part 112: Method for determination of Aggregate Impact Value (AIV)	BS 812 Part 112

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Aggregate	Tests for geometrical properties of aggregates Part 1: Determination of particle size distribution - Sieving method	BS EN 933 Part 1
Mechanical /Physical	Aggregate	Tests for mechanical and physical properties of aggregates Part 6: Determination of particle density and water absorption	BS EN 1097 Part 6 Clause 7 Clause 8 Clause 9
Mechanical /Physical	Aggregate	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C128

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical /Physical	Polystyrene foam	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus	ASTM C518
Mechanical/Physical	Block	Precast concrete paving blocks Part 1: Specification for paving blocks Determination of compressive strength	BS 6717 Part 1 Ann. B
Mechanical/Physical	Block	Precast concrete paving blocks Part 1: Specification for paving blocks- Measurement of dimension and plan area	BS 6717 Part 1 Ann. A

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Block	Precast concrete masonry units Part 1: Specification for precast concrete masonry units Measurement of dimension	BS 6073 Part 1 App. A
Mechanical/Physical	Block	Precast concrete masonry units Part 2: Method for specifying precast concrete masonry units- Routine rapid control test of compressive strength	BS 6073 Part 2 App. B

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Coating	Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser	ASTM D4060
Mechanical/Physical	Steel	Steel for the Reinforcement of Concrete : Weldable Reinforcing Steel: Bar, Coil and Decoiled Product. Specification Steel for the reinforcement and prestressing of concrete. Test methods. Part 1 : Reinforcing bars, wire rod and wire (Tensile Properties)	BS 4449+A3 Clause 7.2.3 & Clause 7.3 BS EN ISO 15630 Part 1 Clause 5

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Steel	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification Steel for the reinforcement and prestressing of concrete. Test methods. Part 1 : Reinforcing bars, wire rod and wire--Clause 6: Bend test	BS 4449+A3 Clause 7.2.5 BS EN ISO 15630 Part 1 Clause 6 ISO 7438

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Type of Activity	Test Materials/Products	Test Name	Test Method
Mechanical/Physical	Steel	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, coil and decoiled product. Specification Steel for the reinforcement and prestressing of concrete. Test methods. Part 1 : Reinforcing bars, wire rod and wire Clause 7: Rebend test	BS 4449 +A3 Clause 7.2.5 BS EN ISO 15630 Part 1 Clause 7

Accreditation History		
Issue no.	Details	Date
04	Extension in scope	15-09-2022
03	Re-issued due to change the name of the laboratory (which was formerly known as Wimpey Laboratories)	21-09-2021
02	Change laboratory's location	30-11-2020
01	Granted accreditation from EIAC	08-09-2020