Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)

Certificate of Accreditation

Geo Dynamics Arabia

For Soil Investigation & Materials Testing (Geo Dynamics Arabia)

DUBA- Ayana District – Sea Port Road, Dahab Petrol Station,
Kingdom of Saudi Arabia

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing and Calibration Laboratories"
In the field of

Testing

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued compliance to the above standard & any other requirements specified by QAI.

QAI/CIA/TL/2026/0158

Valid from: **23 January 2026**

Valid until: **22 January 2029**

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in

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Scope of Accreditation

Geo Dynamics Arabia for Soil Investigation & Materials Testing
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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Soil - Basic		
1.	Soil	Sieve Analysis of Soil	ASTM D6913
2.		Specific Gravity of soil	ASTM D854
3.		Density of soil by Sand Cone method	ASTM D1556
4.		Density of Soil by Nuclear method	ASTM D6938
5.		Liquid Limit, Plastic Limit and Plasticity Index of Soil	ASTM D4318
6.		Modified Proctor	ASTM D1557
7.		Material Finer than 75 Micron in soil	ASTM D1140
8.		Sand Equivalent Value of Soils and Fine Aggregate	ASTM D2419
9.		Water Content of Soil and Rock by Mass	ASTM D2216

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Building, Infrastructure and Construction Materials		
1.	Aggregate	Sieve Analysis of Fine and Coarse Aggregate	ASTM C136
2.		Material Finer than 75 Micron in Aggregate	ASTM C117
3.		Clay Lumps and Friable Particles	ASTM C142
4.		Light Weight Pieces	ASTM C123
5.		Specific Gravity and Absorption of Coarse Aggregate	ASTM C127
6.		Specific Gravity and Absorption of Fine Aggregate	ASTM C128
7.		Los Angeles Abrasion Test- Small Aggregate	ASTM C131
8.		Los Angeles Abrasion Test- Large Aggregate	ASTM C535
9.		Soundness of Aggregates by Sodium Sulphate or Magnesium Sulphate	ASTM C88
10.		Sampling Aggregate	ASTM D75
11.		Flat and Elongation Particles in Coarse Aggregate	ASTM D4791

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Building, Infrastructure and Construction Materials		
12.	Concrete	Compressive Strength of Cylindrical Concrete Specimens	ASTM C39
13.		Slump of Hydraulic- Cement Concrete	ASTM C143
14.	Concrete	Air Content of Freshly Mixed Concrete	ASTM C231
15.		Obtaining and Testing Drilled cores of concrete	ASTM C42
16.		Temperature of Freshly mixed Cement Concrete	ASTM C1064
17.		Capping Concrete Cylinders	ASTM C617
18.		Unit weight of Concrete	ASTM C138
19.		Pull-off strength of Coatings using Portable testers	ASTM D4541
20.		Sampling and Testing Concrete Masonry Units	ASTM C140
21.		Extraction of Binder	ASTM D2172
22.		Sieve Analysis of Extracted Aggregates in Mix	ASTM D5444

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Mechanical Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Building, Infrastructure and Construction Materials		
23.	Asphalt	Preparation of Marshall Specimens	ASTM D6926
24.		Stability and Flow Test	ASTM D6927
25.		Thickness of Asphalt Core	ASTM D3549
26.	Asphalt	Bulk Specific Gravity of compacted Asphalt Mixture	ASTM D2726
27.		Maximum theoretical density of Asphalt Mixture	ASTM D2041
28.		Sampling Compacted Asphalt Mixtures	ASTM D5361
29.		Application rate of bituminous distributors	ASTM D2995
30.		Sampling Bituminous Paving Mixtures	ASTM D979
31.		Percentage Air Voids in compacted Asphalt Mixtures	ASTM D3203

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Non- Destructive Testing			
Sl. No.	**Product(s)/Material of Test**	**Specific Tests Performed**	**Test Method**
	Building Materials- Reinforced Concrete Structures		
1.	Concrete	Dry Film Thickness of Organic Coatings	ASTM D6132
2.	Concrete	Rebound Number of Hardened Concrete	ASTM C805