

Quality And Accreditation Institute Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Prime Innovation
(Prime Arabia Group)

Bldg No.5, Prince Nayef Bin Abdul Aziz St., Al Fayha Dist.,
Ras Tanura-32817, 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/2026/0172

Valid from: 24 June 2026

Valid until: 23 June 2028

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
1.	Aggregate	Reducing Samples of Aggregate to Testing Size	ASTM C702
2.		Sieve Analysis of Fine and Coarse Aggregates	ASTM C136
3.		Relative Density (Specific Gravity) and Absorption of Coarse Aggregate	ASTM C127
4.		Relative Density (Specific Gravity) and Absorption of Fine Aggregate	ASTM C128
5.		Clay Lumps and Friable Particles in Aggregates	ASTM C142
6.		Organic impurities in fine aggregates (sand)	ASTM C40
7.		Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate	ASTM C88
8.		Lightweight Particles in Aggregate	ASTM C123
9.	Aggregate	Highway and Transportation Officials Standard AASHTO No.: T19/T19M Bulk Density ("Unit Weight") and Voids in Aggregate	ASTM C29

This is annexure to 'Certificate of Accreditation' and does not require any signature.

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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
10.	Aggregate	Materials Finer than 75- μ m (No. 200) Sieve in Mineral Aggregates by Washing	ASTM C117
11.	Concrete	Temp. of Hydraulic-Cement Concrete Freshly Mixed	ASTM C1064
12.		Slump of Hydraulic-Cement Concrete	ASTM C143
13.		Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete	ASTM C138
14.		Air Content of Freshly Mixed Concrete by the Pressure Method	ASTM C231
15.		Making and Curing Concrete Test Specimens in the Field	ASTM C31
16.		Compressive Strength of Cylindrical Concrete Specimens	ASTM C39
17.		Compressive Strength of Hydraulic Cement Mortars (Using 50 mm)	ASTM C109
18.		Mixing Rooms, Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the Testing of Hydraulic Cements and Concretes	ASTM C511

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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
19.	Concrete	Capping Cylindrical Concrete Specimens	ASTM C617
20.		Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens	ASTM C1231
21.		Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes	ASTM C579
22.		Obtaining and Testing Drilled Cores and Sawed Beams of Concrete Diameter	ASTM C42
23.	Asphalt	Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures	ASTM D2726
24.		Estimating Application Rate and Residual Application Rate of Bituminous Distributors	ASTM D2995
25.		Thickness or Height of Compacted Asphalt Mixture Specimens	ASTM D3549



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Sampling			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure & Construction Materials		
1.	Aggregate	Sampling Aggregates	ASTM D75
2.	Concrete	Sampling Freshly Mixed Concrete	ASTM C172
3.	Asphalt	Sampling Asphalt Mixtures	ASTM D979
4.	Asphalt	Sampling Compacted Asphalt Mixtures for Laboratory Testing	ASTM D5361



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Soil and Rock		
1.	Soil and Rock	Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis	ASTM D6913
2.		Sand Cone Method	ASTM D1557
3.		Liquid Limit, Plastic Limit, and Plasticity Index of Soils	ASTM D4318
4.		In-Place Density and Water Content of Soil and Soil Aggregate by Nuclear Methods (Shallow Depth)	ASTM D6938
5.		Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))	ASTM D1556
6.		Standard Test Methods for Minimum Index Density and Unit Weight of Soils	ASTM D4253
7.		California Bearing Ratio (CBR) of Laboratory-Compacted Soils	ASTM D1883
8.		Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM C2216



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Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Soil and Rock		
9.	Soil and Rock	Classification of Soils for Engineering Purposes (Unified Soil Classification System)	ASTM D2487
10.		Maximum Index Density and Unit Weight of Soils	ASTM D4253

