

CERTIFICATE OF DESIGNATION

N°: 006/RSB/LDS/COD/2024-2025

This is to confirm that:

LUMEN Ltd
KG 607 ST 24

Has met the requirements of EAC Standardization, Quality Assurance, Metrology and Testing (designation of testing laboratories) regulation, has demonstrated compliance with ISO/IEC 17025: General requirements for competence of Testing and Calibration Laboratories and has been designated, commencing 28 Jul 2025, for the test methods listed in the approved scope of designation refer to annex A.



Murenzi Raymond
Director General

The certificate becomes invalid upon suspension, cancellation or revocation of designation

Effective date: **28 Jul 2025**
Expiry date: **27 Jul 2030**

Annex A

SCOPE OF DESIGNATION

TESTING FIELD	TEST METHOD	TEST PARAMETER
Material Testing	ASTM D 2216	Moisture Content of Soils
Material Testing	ASTM D 6913	Gradation of Soils
Material Testing	ASTM D 4318 / AASTHO T 89 & 90	Plasticity Index of Soil
Material Testing	ASTM D 1883 / AASTHO T 193	Bearing Strength of Soil
Material Testing	ASTM D 2435	Settlement of Soil
Material Testing	ASTM D 2850	Cohesion and Internal Friction Shearing Properties of Soil
Material Testing	ASTM D 4767	Cohesion and Internal Friction Shearing Properties of Soil
Material Testing	ASTM D 7181	Cohesion and Internal Friction Shearing Properties of Soil
Material Testing	ASTM D 698 / AASTHO T 99	Optimum Moisture Content and Maximum Dry Density
Material Testing	ASTM D 1557 / AASTHO T 180	Optimum Moisture Content and Maximum Dry Density
Material Testing	ASTM C 136	Gradation of Aggregates
Material Testing	ASTM C 117	Finer Material of Aggregate
Material Testing	ASTM C 127 / AASTHO T 85	Density, Absorption and Specific gravity of Aggregate

TESTING FIELD	TEST METHOD	TEST PARAMETER
Material Testing	ASTM C 131	Abrasion Value of Coarse Aggregate
Material Testing	ASTM C 143	Workability of Concrete
Material Testing	ASTM C 31	Making of Concrete Mix
Material Testing	ASTM C 1064	Temperature monitoring for Concrete
Material Testing	ASTM C 39	Compressive Strength of Cylindrical Concrete Specimen
Material Testing	BS 1881-116	Compressive Strength of Cubical Concrete Specimen
Material Testing	ASTM C 1693	Compression Strength, Water Absorption, Dimensions Test
Material Testing	ASTM C 67	Compression Strength, Water Absorption, Dimensions Test
Material Testing	ASTM 936	Compression Strength, Water Absorption, Dimensions Test
Material Testing	ASTM C 805	Rebound Hammer Test of Concrete
Material Testing	ASTM D 5 / AASHTO T 49	Penetration of Bitumen
Material Testing	ASTM D 36 / AASHTO T 48	Flash Point determination using an open cup apparatus
Material Testing	ASTM D 2172 / AASHTO T 164	Quantitative Extraction of Asphalt binders from Asphalt Mixtures
Material Testing	ASTM D 1559 / AASTHO T 245	Resistance to Plastic Flow of Bituminous mixtures using Marshall Apparatus



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