



 **MEKYAL** TECHINICAL
CONSULTATION
AND LABS CO

**COMPANY
PROFILE**



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MEKYAL PRINCIPLE

MEKYAL, established in 2022, is a specialized testing laboratory for construction materials. We cover Concrete, Soil & Aggregate, and Asphalt tests, serving as a pivotal element in the construction project life cycle, from pre-start phase to demolition. Our commitment to continuous development sets us apart as a value-driven service provider, not just a standard material testing lab





MEKYAL VISION

To be a leader in material testing services and technical consultations in Saudi Arabia.



MEKYAL MISSION

To provide reliable, trustable, and cost-effective testing services that consistently exceed our clients' expectations.

MEKYAL VALUES



Commitment to
customer
satisfaction



Commitment
to impartiality



Commitment
to employee
health and
safety



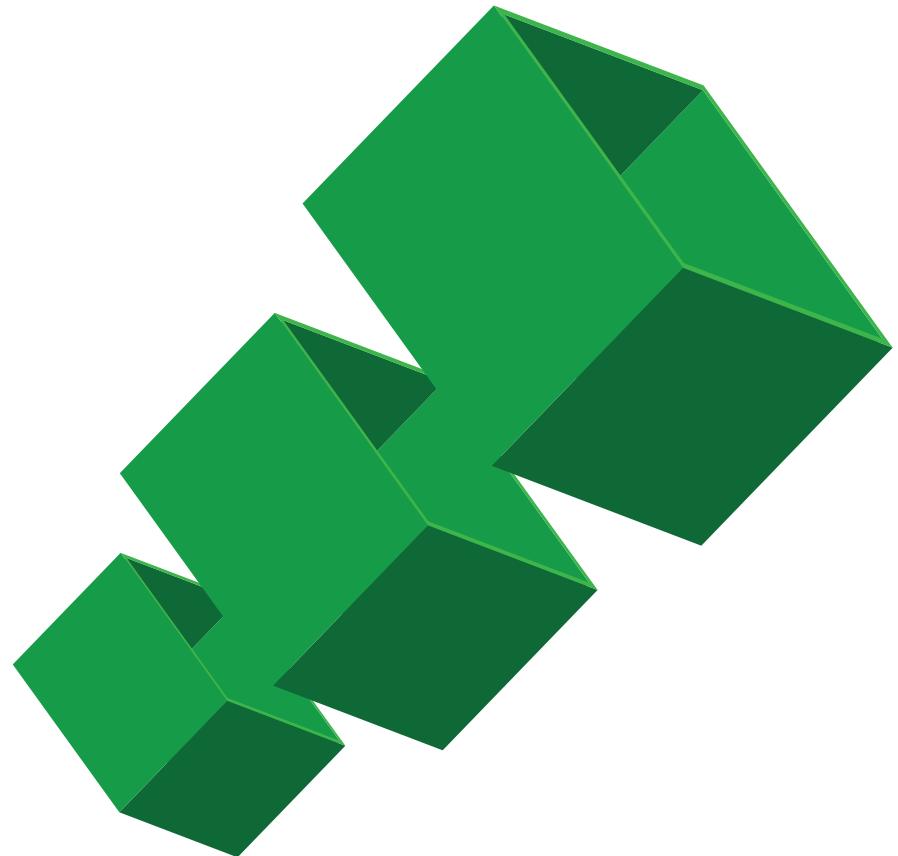
Contribution to
the well-being
of society



Contribution to the
preservation of the
environment

MEKYAL SERVICES

MEKYAL is committed to evolving its services and expanding its scope of tests continually. Below is a basic list of our field and laboratory services



SOIL TESTING

LAB TESTING

Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D422
Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D2216
Liquid Limit, Plastic Limit, and Plasticity Index of Soils	ASTM D4318
Laboratory Compaction Characteristics of Soil Using Modified Effort	ASTM D1557
Laboratory Compaction Characteristics of Soil Using Standard Effort	ASTM D698
California Bearing Ratio of Laboratory Compacted Soil	ASTM D1883
Specific Gravity of Soil Solids by Water Pycnometer	ASTM D854
Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes	ASTM D3282
Amount of Material Finer Than No. 200 Sieve	ASTM D3282
Determination of Water (Moisture) Content of Soil and Rock by Mass	ASTM D3282

FIELD TESTING

Density and Unit Weight of Soil in Place by Sand Cone Method	ASTM D422
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AGGREGATE TESTING

LAB TESTING

Sieve Analysis of Fine and Coarse Aggregates	ASTM D422
Materials Finer Than No. 200 Sieve in Mineral Aggregates by Washing	ASTM D2216
Sand Equivalent Value of Soils and Fine Aggregate	ASTM D4318
Sand Equivalent Value of Soils and Fine Aggregate	ASTM D1557
Specific Gravity and Absorption of Coarse Aggregate	ASTM D698
Specific Gravity and Absorption of Fine Aggregate	ASTM D1883

AGGREGATE

Unit weight and Voids in Aggregate	ASTM C29/C29M
Clay Lumps and Friable Particles in Aggregates	ASTM C142/C142M
Flat Particles, Elongated Particles, or Flat and Elongated Particles in Coarse Aggregate	ASTM D4791
Percentage of Fractured Particles in Coarse Aggregate	ASTM D5821

ASPHALT TESTING

(BITUMINOUS MIXTURE)

Bulk Specific Gravity and Density of Non-Absorptive Compacted Bituminous Mixture	ASTM D2726
Preparation of Bituminous Specimens Using Marshall Apparatus	ASTM D6926
Marshall Stability and Flow of Bituminous Mixtures	ASTM D6927
Quantitative Extraction of Bitumen from Bituminous Paving Mixtures	ASTM D2172
Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixture	ASTM D2041
Mechanical Size Analysis of Extracted Aggregate from Bituminous Mixture	ASTM D5444
Application Rate of Bituminous Distributors	ASTM D2995

CONCRETE TESTING

FIELD TESTING

Slump of Hydraulic-Cement Concrete	ASTM C143/C143M
Slump of Hydraulic-Cement Concrete	AASHTO T119/T119M
Temperature of Freshly Mixed Hydraulic-Cement Concrete	ASTM C1064/C1064M
Making and Curing Concrete Test Specimen in the Field	ASTM C31/C31M
Air Content of Freshly Mixed Concrete by the Pressure Method	ASTM C231/C231M
Obtaining and Testing Concrete Drilled Cores	ASTM C42/C42M
Rebound Number of Hardened Concrete	ASTM C805/C805M
Compressive Strength of Hydraulic Cement Mortars	ASTM C109/C109M
Sampling of Freshly Mix Concrete	ASTM C172-14a

LAP TESTING

Compressive Strength of Cylindrical Concrete Specimens	ASTM C39/C39M
Compressive Strength of Concrete Drilled Cores	ASTM C42/C42M

QUALITY POLICY

- Mekyal is committed to achieve a high level of customer satisfaction by continually delivering technical services that will meet or exceed customer requirements and regulatory bodies.
- This comes from understanding our context of organization, development of processes to ensure we meet the planned outcome and continual improvement of Quality system.
- We avail the required resources, develop procedures and policies, make necessary analysis and reviews on our outcomes to improve all the time.
- We are committed to the highest standards of impartiality and confidentiality by ensuring the implementation of all means of Independence of Judgment and ensure operational integrity.

REGISTRATION CERTIFICATES

COMMERCIAL ACTIVITY LICENCE



COMPANY REGISTRATION CERTIFICATE

الرقم المودود: ٧٠٢٨٨١٨١٩٨
رقم المنشأة: ٢٠٥١٥٧٤٤٦
التاريخ: ١٤٤٣/١٠/٠٢ هـ

شهادة تسجيل الشركة
Company Registration Certificate

وزارة التجارة
Ministry of Commerce

الاسم التجاري للشركة: شركة مكابل للاستشارات الفنية والمخبرات
نوعها: ذات مسؤولية محدودة

مدة الشركة: ١٤٤٣/١٠/٠٢ هـ
مدة الشركة: ٢٣٥١
مقرها الرئيسي: ٧٧٤٥، ابو بكر الصديق، حي الفيصلية،

هاتف: للاطلاع على بيانات الأنشطة الرجاء مسح الرمز التجاري
النشاط: ٢٠٠,٠٠٠ ريال سعودي

رأس المال: محمد حسين علييف القحطاني
المديرون: ١

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15 16
حسب ما نص عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة: الدمام
وتنتهي صلاحية الشهادات في: ١٤٤٨/١٠/٠٢ هـ
 بأنه تم تسجيل الشركة المذكورة أعلاه بمدينة: الدمام
بموجب الإيصال رقم: ٢٣٩١٧٨٦٥٥٣
و تاريخ: ١٤٤٥/٠٢/١٩ هـ

To Verify The Information Of This Certificate Visit: <http://mc.gov.sa>
يمكنكم التحقق من صحة هذه الشهادة بالدخول على: <http://mc.gov.sa>
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COMPANY REGISTRATION CERTIFICATE





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