

ACCREDITED · TESTING & ANALYSIS

# Laboratory Testing







ISO/IEC 17025:2017 accredited testing laboratory delivering soil, concrete, aggregate, asphalt, and chemical analysis for geotechnical, construction, and environmental projects — with results traceable to national standards and chain-of-custody to EPC and government audit standards.



Since 2004 · KAS/PAI ISO 17025 · ASTM & BS methods · Chain-of-custody · MPW approved

## Results you can submit. Data you can defend.

Vision International operates an **ISO/IEC 17025:2017 accredited testing laboratory** under the Kuwait Accreditation System (**KAS/PAI 005**), performing soil physical and chemical testing, concrete, aggregate, asphalt, cement, and construction materials analysis to BS, ASTM, and EN standards. Our in-house lab integrates directly with field operations, delivering chain-of-custody sample handling, engineer-reviewed reports, and measurement uncertainty statements accepted by **MPW, KOC, KNPC, KIPIC, and EPC consultants** on first submission.

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|---|---|---|
|  <p><b>Soil Physical Testing</b></p> <p>Sieve and hydrometer analysis, Atterberg limits, moisture, density, Proctor, CBR, triaxial, direct shear, consolidation.</p> |  <p><b>Soil Chemical Testing</b></p> <p>pH, electrical conductivity, chloride, sulphate, carbonate, organic content, soluble salts — KAS accredited methods.</p> |  <p><b>Concrete Testing</b></p> <p>Compressive strength, flexural, splitting tensile, slump, air content, density, permeability, chloride penetration.</p> |
|  <p><b>Aggregate Testing</b></p> <p>Sieve analysis, specific gravity, water absorption, Los Angeles abrasion, soundness, shape index, flakiness.</p>                 |  <p><b>Asphalt Testing</b></p> <p>Marshall stability, penetration, softening point, bitumen extraction, compaction, density, binder content.</p>                 |  <p><b>Cement Testing</b></p> <p>Fineness, consistency, setting time, soundness, compressive strength of mortar cubes, chemical composition.</p>           |

### HOW WE WORK

#### From Sample Receipt to Signed Certificate



**Samples ready for testing?**

ISO 17025 accredited turnaround typically within 5–10 working days · Rush service

+965 2372 4325  
info@visionkuwait.com

# Full Laboratory Testing Offering

KAS/PAI ISO 17025

MPW Approved

KOC & KNPC Compliant

ASTM · BS · EN Methods

## SOIL PHYSICAL TESTS

- Grain size analysis (sieve & hydrometer)
- Atterberg limits — LL, PL, PI
- Moisture content and natural density
- Standard and Modified Proctor compaction
- California Bearing Ratio (CBR) — lab
- Triaxial UU, CU, CD tests
- Direct shear and consolidation (oedometer)

## SOIL CHEMICAL TESTS

- pH determination (electrometric method)
- Electrical conductivity (EC)
- Chloride content (soil and water)
- Sulphate content (water-soluble & acid-soluble)
- Total soluble salts (TSS)
- Organic matter content
- Carbonate and gypsum content

## CONCRETE & AGGREGATE

- Concrete cube & cylinder compressive strength
- Flexural and splitting tensile strength
- Slump, air content, fresh density
- Aggregate sieve analysis
- Los Angeles abrasion & impact value
- Specific gravity and water absorption
- Chloride and sulphate in aggregates

## ASPHALT, CEMENT & BITUMEN

- Marshall stability and flow
- Bitumen extraction (centrifuge method)
- Penetration, softening point, ductility
- Cement fineness and setting times
- Mortar cube compressive strength
- Cement chemical composition
- Rice density, theoretical maximum density

## The Vision Difference — Why Clients Choose Us



### Integrated Delivery

Field crews, senior engineers, and accredited ISO 17025 laboratory under one roof — no hand-off delays, no subcontractor gaps.



### Engineer-Led Reports

Every deliverable is signed by a senior chartered engineer — findings interpreted for design, not delivered as raw data.



### Schedule-Driven

Owned equipment, owned laboratory, owned teams. We hit tight oil & gas, MPW, KOC, and EPC schedules — every time.

## Sectors We Serve

Oil & Gas

Infrastructure

Marine & Ports

Buildings & Towers

Industrial

Government

2004

ESTABLISHED

2000+

PROJECTS DELIVERED

4

ISO CERTIFICATIONS

Kuwait

& GCC COVERAGE



Vision International General Trading & Contracting Co. W.L.L.

Established 2004 · Kuwait-based · GCC delivery

### OFFICE

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