

FIELD TESTS



Non-Destructive Testing (NDT) Service

- Rebound Hammer
- UPV etc



Bump Integrator (Road Roughness)

The Fifth Wheel Bump Integrator is a device that can be used for measuring road roughness. bump integrator is a tool used in the rear of vehicles, it analyzes unevenness in roads, which one can quantify using digital counters embedded in an LCD screen. It works on a Response-type Road Roughness measuring system.

Skid Resistance Testing Services

The British Endulum Skid Tester is one of the standard devices used for measuring and monitoring Skid Resistance on roads, tiles, floor and airfields. In situ testing in various locations, such as, reception areas, canteen, train station platforms, shopping centres, factory floors, road and car park surface.

Benkalman Beam Deflection

BBD testing services which is a Non-destructive Testing for measurements of the strength evaluation of road surface layers, made of asphalt or pavement under a standard wheel load and tyre pressure.

Load Test on Bridges

We provide Load Test on Bridges by determining the live load capacity of a structure based on its current condition through analysis and engineering techniques. Bridge Load Testing process is a component of the inspection process and consists of determining the safe load carrying capacity of structures.

Road Core Cutting Test

In Road construction projects, Engineers carry out Asphalt Core Testing to confirm the quality of the works like Density of the Asphalt, thickness of the layer, Air Permeability, Asphalt compression strength, Asphalt mix test etc.

Pavement Investigations

- Trial Pit Investigations
- Sub-grade Investigation

Material Survey

- Soil from Borrow Area
- Aggregate Sources
- Sand Sources
- Other Construction material like Cement, Bitumen Steel etc.



Qualises Engineering Labs

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Qualises Engineering Labs

Qualises Engineering Labs is pioneer in providing Material Testing, Inspection, Pavement Analysis Non-Destructive analysis of various structures. Qualises provides reliable accurate & reproducible test results. The Analysis is conducted in compliance to various standard Like, IS, ASTM, BIS, ISO etc.

Construction Material Testing Services

Concrete tests and Mix Design

We are conducting all type of concrete mix design with respect to checking and verification of property of concrete ingredient as per indian standards/relative specifications etc. It should be economical, durable and workable

- Mix Design of Cement Concrete
- Compressive Strength of Cubes/Cores
- Core Cutting
- Flexural Strength of Beams



Soil Analysis Testing

Soil testing solutions offered help in testing overall Strength of the soil. We analyze all type of soil for use in engineering purposes to verifying its property as per the set standards by our experienced, our calibrated testing equipment's and skilled team members

- Grain Size Analysis
- Plasticity Index
- Specific Gravity
- Compaction (MDD/OMC)
- CBR
- Consolidation test
- Direct Shear
- Triaxial Test (UU, CU, CD)



BRICK AND Paver BLOCK TESTING SERVICES

We provide a wide array of brick block testing services that help in meeting the construction needs of our clients. Our brick, block testing services include measuring durability and strength

- Shape & Size
- Water Absorption
- Compressive Strength
- Skid Resistance



Bitumen Testing and Mix Design service

Our laboratory delivering advanced solutions for assessing the consistency and suitability of Bitumen through various IS compliant test methods

- Penetration Test
- Softening Point
- Specific Gravity
- Ductility
- Bitumen Content / Bitumen Extraction
- Marshal Stability Test
- Mix Design of (SDBC/DBM)
- Mix Design of (BM)
- Mix Design of (BC)
- Mix Design of (GSB/WMM)
- Mix Design of (Asphalt)
- Flash Point



Steel Reinforcement/ Barbed Wire/HT Strand Testing

Steel reinforcement testing services for construction, refineries through diverse tests solutions offered comprise a wide range of tests for understanding the quality of the steel and its suitability, ductility for varied end applications

- Size and Weight
- Tensile Strength, Yield stress/Prof Stress & elongation
- Bend Test & Re-Bend Test
- Impact Test
- Torsion Test
- Hardness



Aggregate Testing

We provide complete set of Aggregate Testing Services

- Specific Gravity
- Bulk Density
- Impact Value
- Crushing Value
- Abrasion Test
- Flakiness & Elongation
- Stripping Value

