



**BUILDCON**  
**MATERIAL TESTING & SERVICES PVT LTD**  
An ISO 9001 : 2015 Certified Company

We at buildcon provide one window solution to quality control management for all types of construction projects. We cover all construction materials testing and other related tests in laboratory as well as field test from scratch to completion of the project along with design management support tests to concerned clients, contractors, designers, developers, engineers etc. We also provide quality control consultancy services to all types of projects for roads, highways, commercial, industrial / automobile and residential projects, irrigation, urban infrastructures, bridges, tunnel, water supply and sewerage projects. The epc, bot and ham projects require expertises attention to meet the quality control criteria for effective and successful completion of projects and accordingly we offer complete and economical solution.

We are having a team of professional and experienced engineers, expertise, lab technician and support staff. The tests are conducted with up to date version of equipments & relevant latest guidelines and specification.





## CONSTRUCTION MATERIAL TESTING SERVICES

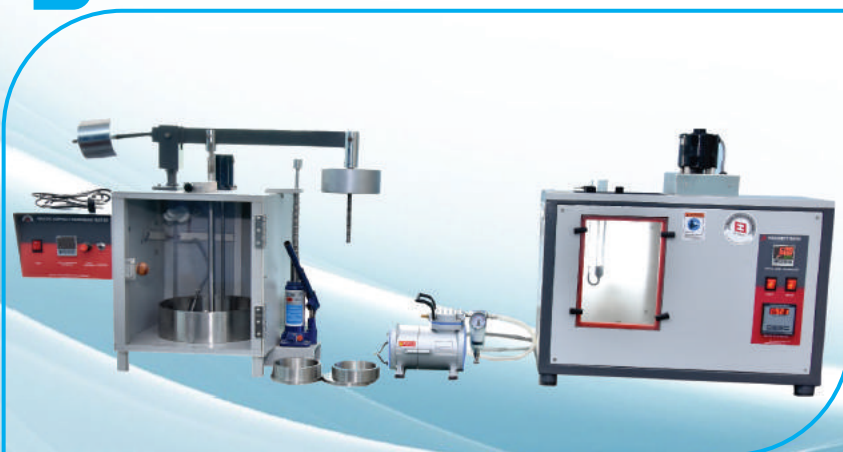
In today's global markets and increasing emphasis on quality, need for laboratory data has increased many folds and top of that accuracy and reliability of data is an another concern

We assure that the services rendered by us are prompt, reliable, precise and on time testing services for wide range of construction materials. The tests from pre-construction phase till post-construction are carried out in accordance with indian standards and international standards

Testing services are equipped with highly accurate calibration equipment and perfect environmental conditions.

Our engineers , team having vast experience and understanding of material testing, construction materials and construction practice. Our team help our clients anticipate and minimize potential issue and delays.

### MATERIAL PICK UP FACILITY AVAILABLE



## CONCRETE MIX DESIGN

MATERIAL PICK UP FACILITY AVAILABLE

We are conducting all type of concrete mix design with checking 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

- ▶ Ordinary Concrete
- ▶ High-grade concrete
- ▶ Self-leveling self-compacting concrete (SLSC)
- ▶ Dry lean concrete (DLC)
- ▶ Pavement Quality Concrete (PQC)
- ▶ Early Strength Concrete
- ▶ Pumpable concrete & more



## SOIL ANALYSIS TESTING SERVICES

Soil testing solutions offered help in testing overall health of the soil. We analysis 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

- ▶ Specific Gravity
- ▶ Grain size Analysis
- ▶ Atterberg's Limits (LL, PL&PI)
- ▶ Maximum Dry Density and the Optimum Moisture Content (MDD&OMC)
- ▶ Compaction Test Free Swell Index of Soil & more



## BITUMEN TESTING SERVICES

MATERIAL PICK UP FACILITY AVAILABLE

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

- ▶ Flash & Fire Point
- ▶ Penetration Test
- ▶ Ductility Test
- ▶ Specific gravity
- ▶ Viscosity - Absolute Viscosity & Kinematic
- ▶ Loss on heating & more



## BRICK AND 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 accurately for durability, strengthen

- ▶ Dimensions analysis
- ▶ Compressive strength
- ▶ Water absorption
- ▶ Density Test& more



## SKID RESISTANCE TESTING SERVICES

The british pendulum 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 testing

- ▶ Skid Resistance Test for All Pavement



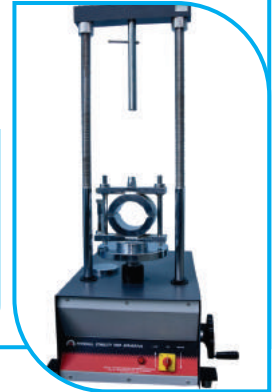


## BITUMEN MIX DESIGN

## MATERIAL PICK UP FACILITY AVAILABLE

We have a full-fledged laboratory with all the modern calibrated apparatus and facilities to carry out all the tests of bitumen, modified bitumen, bituminous mixes as per Indian and international standards. It should be economical, durable and workable

- ▶ Bitumen Binder Content
- ▶ Marshal Stability Test
- ▶ Bitumen Core Density
- ▶ Job Mix formula for BM, DBM, SDBC, BC, MSS
- ▶ Job Mix formula for Mastic Asphalt
- ▶ Job Mix formula for Seal Coat & more



## FUEL ASH (FLY ASH) TESTING SERVICES

Fuel ash use in modern constructions, for economically and effectively in green building. We have full-fledged testing services for fly ash with skilled team members

- ▶ Particles retained on 45 microns IS Sieve (Wet Sieving)
- ▶ Moisture content
- ▶ Fineness by Blain's air permeability & more.



## STEEL REINFORCEMENT 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.

- ▶ 0.2% Proof stress/Yield Stress
- ▶ Ultimate Tensile Strength
- ▶ Elongation Percentage
- ▶ Unit weight
- ▶ Bend and Re-bend test & more



## NON-DESTRUCTIVE TESTING OF CONCRETE

The non-destructive test is a method of testing existing concrete structures to assess the strength and durability of the concrete structure. In the non-destructive method of testing, without loading the specimen to failure (i.e. Without destructing the concrete) we can measure the strength of concrete. Nowadays this method has become a part of the quality control process. This method of testing also helps us to investigate crack depth, microcracks and deterioration of concrete

- ▶ Rebound Hammer Test
- ▶ Ultrasonic Pulse Velocity - UPV Test



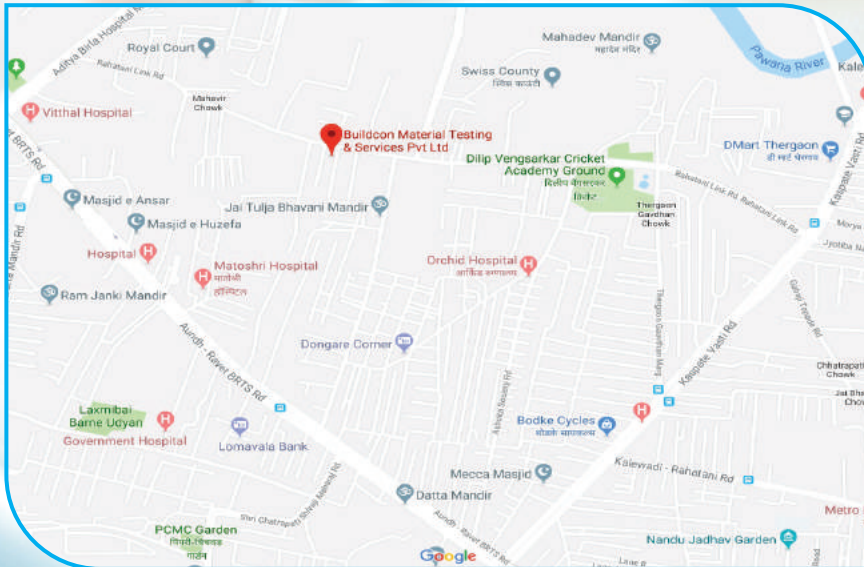
## PROJECT MANAGEMENT CONSULTANCY SERVICES

Under our Project Management Consultancy service, we undertake a planned series of activities and design them in synchronization with our customer's requirements, whenever we go on board with new projects. This includes overall planning, coordination, monitoring and controlling of a project from inception to completion in order to produce a functionally and financially viable project that will be completed on time, within authorized cost and to the required quality standards. Our team having professional Knowledge, Skills, and Experience at various stages of construction good practices and motivation towards quality management system Construction industry like other businesses, progress by keeping pace with technology, new materials and construction techniques are being tried and proven daily. as a results engineers, the supervisor is continually having to update their knowledge and skills to maintain their proficiency.

We also conducted training program for construction supervision development.

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## **BUILDCON MATERIAL TESTING & SERVICES PVT LTD**

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