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Integrity Confidentiality Availability

A Perfect partner for all your testing needs

TARMAK LABORATORIES

www.tarmaklab.com

About Us

Tarmak Laboratories LLC is an independent third party laboratory providing services in the field of civil material testing, soil, Aggregate, Concrete, Asphalt, Water, Cement, Food, oil, Geotechnical Investigation etc. Our quality management system is accredited to ISO/IEC 17025:2017 and ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certified.

Quality Statement

Tarmak Laboratories LLC is focusing towards for the continuous improvement to assure customer satisfaction, Accuracy in services, confidentiality and support in each and every step of service sectors.

- 24hr X 365 days' quality support service to the customers
- Assuring the quality test certification with the specified minimum period of time.
- Comply with ISO 17025, ISO 9001, ISO 14001 & ISO 45001 standards in all aspects.

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Geotechnical Investigation

Geotechnical investigations are performed by geotechnical engineers or engineering geologists to obtain information on the physical properties of soil earthworks and foundations for proposed structures and for repair of distress to earthworks and structures caused by subsurface conditions.

Geo technical Investigation is very important before any structure is built--whether it is your own dream house, an industrial shade, a multiplex, a shopping mall, a warehouse, a multi storied building or even small and big infra projects like bullet train. metros and so on.

Geotechnical Investigation includes;

- **Drilling of bore holes**
- **Trial Pits**
- **Soil investigation**
- **Thermal resistivity**
- **Electrical conductivity**
- **Laboratory tests**
- **Ground water monitoring**

Construction
Material Testing

Concrete products testing

Masonry blocks, paving blocks, AAC blocks, Cover blocks, Curb Stones etc. testing

Chemical Analysis

Tarmak Laboratories perform chemical analysis of water, waste water, construction materials etc.

Microbiological Testing

Tarmak Laboratories perform water microbiology, swab analysis, sulfate reducing bacteria, Legionella, Salmonella etc.

Construction
Material Testing

In – Situ testing

Tarmak Laboratories LLC has the most modern equipment for the site tests like

- Plate load test,
- In-situ density,
- cover meter survey,
- concrete investigation,
- Pulse velocity,
- Rebound hammer,
- Half-cell potential,
- Depth of carbonation,
- Concrete pull off,
- Paint pull off,
- Dry film thickness (Metal / Non-metal surface)
- Pile Integrity
- In-situ CBR
- Crack width / depth monitoring
- Thermocouple

Construction
Material Testing

Soil Testing

Soil test may refer to one or more of a wide variety of soil analysis conducted for one of several possible reasons.

Aggregate Testing

Aggregate testing" is a term that is used to describe the various methods used to determine if a particular aggregate is the right choice for inclusion in the preparation of a construction product. As part of the testing process, the material being considered as aggregate in the building project will be evaluated on the basis of a number of different factors, including the size of the individual units and the texture that the aggregate provides to the finished product.

Rock Testing

Laboratory rock testing is performed to determine the strength and elastic properties of intact specimens and the potential for degradation and disintegration of the rock material.

Construction
Material Testing

Asphalt Testing

Asphalt and asphaltic materials are tested to industry quality standards and for R&D support. Tarmak asphalt laboratories perform analysis to global, industry and regulatory standards, including ASTM, AASHTO, ISO, EN, and other asphalt and petroleum industry criteria. Asphalt quality control, quality assurance, and related expertise are provided.

Concrete testing

The testing of concrete, concrete masonry, and their reinforcement is commonly used by design professionals during structural assessment and retrofit planning. The testing of materials may be performed to supply routine information on the quality of a products (control testing), to develop new or better information on known materials or to develop new materials, or to obtain accurate measures of fundamental properties or physical constants.

Cement Testing

Quality Tests on cement are carried out to check the strength and quality of the cement used in construction. It helps to identify the usage of cement for different purposes based on its durability and performance.