

CGPIT TARSADIA MATERIAL TESTING **LABORATORY**

ABOUT US

The Bardoli Pradesh Kelavani Mandal (BPKM) is an education trust established in 1960 with the aim of imparting higher education opportunities in and around the rural area Bardoli. BPKM has started a self-financed engineering college named Chhotubhai Gopalbhai Patel Institute of Technology (CGPIT) affiliated to Gujarat Technological University (2009) and thereafter to Uka Tarsadia University (UTU) since 2011 with the view of educating and training future professionals to lead in today's competitive environment and to meet the needs of globalization and industrialisation by providing dynamic and conducive learning environment. CGPIT offers B.Tech. programmes in disciplines like Electronics & Communication, Electrical, Civil, Computer, Information Technology, ICT, Mechanical, Automobile, Mechatronics and Chemical Engineering. CGPIT also offers M.Tech. programmes in disciplines like Civil Engineering (Structural, Soil Mechanics & Foundation and Environmental Engineering), Electrical Engineering, Electronics & Communication, Computer, Information Technology, Automobile Engineering and Mechanical Engineering. Ph.D. programmes are also carried out by CGPIT in the disciplines like Electronics & Communication, Civil, Computer, and Mechanical Engineering.

CGPIT Tarsadia Material Testing Laboratory and Consultancy Service is Govt. of Gujarat approved laboratory established in 2012 to carry out all civil material tests and consultancy services. The laboratory is well furnished with state of the art equipment and highly qualified staff. The laboratory is certified with ISO 9001:2015 since 2018 and NABL approved since April 2020.

The objective of laboratory is to provide material testing services for quality assurance to the Government Departments of Gujarat and other private agencies.

VISION

To continuously enhance the level of client satisfaction offering the most technologically advanced services to the society.

MISSION

To provide materials testing services for a variety of disciplines.

QUALITY STATEMENT

- Our Laboratory aspires to consistently provide testing and services that meet or exceed the requirement and expectations of our stakeholder's.
- We are committed to adopt good laboratory practices and maintain the traceability to national and international standards. We will continue to improve ourselves and ensure prompt delivery of results.
- We will achieve and maintain effectiveness of QMS by deploying competent employees and provide them motivation. We will be involved in regular maintenance of existing facilities, acquisition of appropriate materials, organizing internal and external seminars, workshops and training to drive continual improvement in the system and reviewing these on a periodic basis, thus complying with the requirements of the standard.

ACHIEVEMENTS

- CGPIT Tarsadia Material Testing Laboratory accredited by NABL ISO/IEC 17025:2017.
- CGPIT Tarsadia Material Testing Laboratory approved by Govt. of Gujarat (G.E.R.I).
- CGPIT Tarsadia Material Testing Laboratory is ISO 9001:2015 Certified.

GALLERY

Cement and Concrete Laboratory



3/25/2019

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Geotechnical Engineering Laboratory



Bitumen Testing Laboratory



NABL CERTIFICATE



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

CGPIT, TARSADIA MATERIAL TESTING LABORATORY

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

UKA TARSADIA UNIVERSITY, SURAT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-8908

Issue Date: 07/04/2020

Valid Until: 06/04/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

BROCHURE



**CGPIT
TARSADIA**
MATERIAL TESTING LABORATORY



- : Services :**
- Geotechnical Investigation
 - Civil Material Testing for Construction, Highways, Roads
 - Mix Design for Concrete
 - Mix Design for Bitumen
 - Bitumen / Asphalt Core Testing
 - Concrete Core Testing
 - Third Party Inspection
 - Surveying
 - Field Test


UKA TARSADIA
university

Contact Us :
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Email: tarsadiatestinglab@utu.ac.in

**CGPIT
TARSADIA**
MATERIAL TESTING LABORATORY
Government Approved Laboratory
(ISO 9001:2015 Certified)



NABL Accredited Laboratory
as per ISO/IEC 17025 : 2017



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Contact Us :
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SERVICES

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- **Geotechnical Investigation**

- Geological characteristics of site
- Sub soil exploration by Borehole method, conducting Standard Penetration Tests (SPT) & Dynamic Cone Penetration Test (DCPT)
- Laboratory & Field analysis of soil
- Safe Bearing Capacity (SBC) of soil
- Foundation settlement analysis
- Rock Classification & Testing
- Compaction Test by Core cutter, Water Replacement & Sand Replacement Method.
- Field CBR Test by Dynamic Cone Penetration.

- **Material Testing for Construction, Highways, Roads.**

- Cement Test
- Steel Test
- Aggregate Test (Coarse & Fine)
- Bricks Test
- Concrete Cube/Core/Beam Test
- Concrete Mix Design
- Bitumen Mix Design
- Paver Block Test
- AAC Block Test
- Rubble Stone Test

- Bitumen Test
- **Field Test**
 - Field CBR Test
 - Soil Core Cutter Test & Field Density Test
 - Concrete Core Cutter Test

Contact Us.

Head Office & Laboratory

Uka Tarsadia University

Maliba Campus, Gopal Vidyanagar, Bardoli-394350,

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