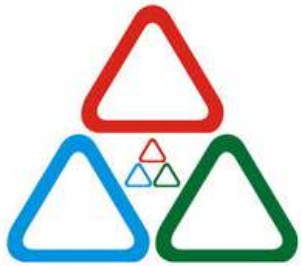


COMPANY PROFILE



V.K.P. GEOTECH

**ISO 9001:2015 | ISO/IEC 17025:2017
NABL ACCREDITED SOIL, ROCK &
BUILDING MATERIALS
LABORATORY**



TC-9284

**Address : Office & Lab -
No 20, 2nd Cross, 1st Main Road,
SRP Nagar, Saibaba Colony,
Coimbatore – 641 011**



www.vkpgeotech.tech, www.soiltests.in



V.K.P. GEOTECH

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MATERIALS LABORATORY

ABOUT COMPANY

Our company was established in the year of 2011 with the main objective of Geo Technical consulting services. We have conducted Soil Exploration and Laboratory works Private and Government Departments like Highway, PWD, CPWD, MES, TNSCB, TNHB, TWAD, DRDA. We have worked with many number of Soil Exploration, ERT, Plate load Test, Standard Penetration Test and borehole works for construction of Highway Bridges, Tanks, Solar Power plant, Tower, Chimney, Oil & Gas Pipe line Projects, Apartments and Buildings.

Our Laboratory has been accredited **National Accreditation Board for Testing and Calibration Laboratories (NABL)**

We have done soil test for more than 800+ Bridges, 100+ Towers, Tanks, Solar Power Plant, 500+ Buildings.

We are doing 100+ laboratories tests (Soil, Rock & Building Materials)

We take pride to claim that we undertake works in Tamilnadu, Kerala, Karnataka and Andhra Pradesh, Also at Orissa and Gujarat.





V.K.P. GEOTECH

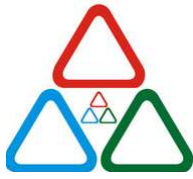
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NABL ACCREDITED SOIL, ROCK & BUILDING
MATERIALS LABORATORY**

LEADERSHIP OF OUR COMPANY

**Mr. P.Nandakumar
MANAGING DIRECTOR**

**Er.N.Balakumar M.E.,(PhD).,
Technical Advisor of VKP GEOTECH**

V.K.P. GEOTECH, we are fully committed to ensure utmost satisfaction of our customers. We collaborate with our patrons by demonstrating transparency in our operations, which is our guiding Principle. We believe in teamwork, support each other in reaching grater heights together.

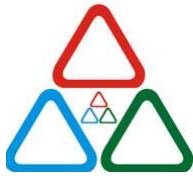


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MATERIALS LABORATORY

QUALITY POLICY

- We use authentic test procedures to test the samples and release accurate results in time
- Providing Impartiality and Confidentiality to all the Customer/ Client.
- By Providing consistent quality services to meet customer needs on time completion of Testing Analysis on every time
- By ensuring competency of employees and encouraging their participation in continual improvements of QMS
- Timely delivery of testing services and delivery of test reports to meet our customer requirements
- Complying withal statutory and regulatory requirements related to Analysis of Soil, Rock, some parameters of Building material Cement, Aggregate, Bricks and Concrete samples testing activities
- Ensuring that all personnel concerned with testing activities familiarize themselves with the quality documentation and implement policies and procedure in their work



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OUR MISSION

- We are committed to providing quality, cost-effective, and professional consulting services to our clients.
- Our vision is to be the company whose name is a synonym for success in geotechnical engineering in domestic and foreign markets while preserving the quality of service and responsibility towards our client
- Provide high quality services to meet customer needs.
- Provide Precise, Reliable and Timely Services to Customers
- Provide accurate results by use of authentic test procedures

OUR VISION

- To be our clients' choice of our because our employees provide them with the best consulting services.
- Our business is focused on continuous improvement of quality services and responsibilities towards our clients.
- Business success is based on committed work of employees and their commitment to achieve customer satisfaction

FIELD TESTS

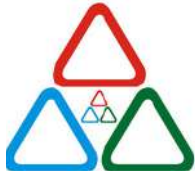




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NABL ACCREDITED SOIL, ROCK & BUILDING
MATERIALS LABORATORY

| Sl.No | Name of Test | Test Method |
|-------------------|--|----------------------|
| FIELD TEST | | |
| 1 | Core Cutter | IS 2720 (Part 29) |
| 2 | Sand Replacement | IS 2720 (Part 28) |
| 3 | Standard Penetration Test | IS 2131 |
| 4 | Insitu Field Permeability Test | IS 5529 (Part 1 & 2) |
| 5 | Plate Load Test | IS 1888 |
| 6 | Cyclic Plate load Test | IS 5249 |
| 7 | Modulus of Subgrade Reaction (K Value) | IS 9214 |
| 8 | Electrical Resistivity Test | IS 3043 & IS 15736 |



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VARIOUS TYPE OF PROJECT IN FIELD TEST



BRIDGE



HILL AREA



WATER TANK



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GAS PIPE LINE



TUNNEL



BUILDING



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BRIDGE



HILL AREA - HIGHWAY



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PLATE LOAD TEST



ERT



SURVEY



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SAND REPLACEMENT



CORE CUTTER



PERCOLATION TEST





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INSITU PERMEABILITY TEST



REBOUND HAMMER TEST - NDT



LABORATORY TEST





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MATERIALS LABORATORY

| SL.NO | NAME OF TEST | TEST METHOD |
|-------------|---|-----------------------------|
| SOIL | | |
| 1 | Water Content of Soil | IS 2720 (Part 2) |
| 2 | Specific Gravity of Soil | IS 2720 (Part 3/Sec 1 & 2) |
| 3 | Dry Sieve Analysis of Soil | IS 2720 (Part 4) |
| 4 | Wet Sieve Analysis | IS 2720 (Part 4) |
| 5 | Hydrometer Analysis | IS 2720 (Part 4) |
| 6 | Liquid Limit | IS 2720 (Part 5) |
| 7 | Plastic Limit | IS 2720 (Part 5) |
| 8 | Shrinkage Limit | IS 2720 (Part 6) |
| 9 | Light Compaction (MDD,OMC) | IS 2720 (Part 7) |
| 10 | Heavy Compaction (MDD,OMC) | IS 2720 (Part 8) |
| 11 | Unconfined Compressive Strength | IS 2720 (Part 10) |
| 12 | Triaxial Compression | IS 2720 (Part 11) |
| 13 | Direct Shear | IS 2720 (Part 13) |
| 14 | Consolidation Test | IS 2720 (Part 15) |
| 15 | CBR- Soaked (4days) | IS 2720 (Part 16) |
| 16 | California Bearing Ratio - Unsoaked | IS 2720 (Part 16) |
| 17 | Free Swell Index of soil | IS 2720 (Part 40) |
| 18 | Swelling Pressure of Soils | IS 2720 (Part 41) |
| 19 | Total Soluble Solids | IS 2720 (Part 21) |
| 20 | Chemical Test (pH, Chloride, Sulphate) | IS 2720 (Part 24,26, 27) |
| 21 | Organic Matter | IS 2720 (Part 22) |
| 22 | Permeability Test | IS 2720 (Part 17) |





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MATERIALS LABORATORY

| SL.NO | NAME OF TEST | TEST METHOD |
|--------------------------|-----------------------------------|------------------|
| ROCK | | |
| 1 | Dry Density | IS 13030 |
| 2 | Porosity | IS 13030 |
| 3 | Specific Gravity | IS 13030 |
| 4 | Point Load Strength Index of Rock | IS 8764 |
| 5 | Unconfined Compressive Strength | IS 9143 |
| 6 | Water content of Rock | IS 13030 |
| 7 | Water Absorption | IS 1124 |
| COARSE AGGREGATES | | |
| 1 | Elongation, Flakiness Index | IS 2386 (Part 1) |
| 2 | Sieve Analysis | IS 2386 (Part 1) |
| 3 | Specific Gravity | IS 2386 (Part 3) |
| 4 | Water absorption | IS 2386 (Part 3) |
| 5 | Moisture content | IS 2386 (Part 3) |
| 6 | Organic Impurities | IS 2386 (Part 2) |
| 7 | Soundness by Chloride & Sulphate | IS 2386 (Part 5) |
| 8 | Bulk Density | IS 2386 (Part 3) |
| 9 | Impact Value | IS 2386 (Part 4) |
| 10 | 10 percent Fines Value | IS 2386 (Part 3) |
| 11 | Crushing Value | IS 2386 (Part 4) |





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MATERIALS LABORATORY

| SL.NO | NAME OF TEST | TEST METHOD |
|------------------------|-------------------------------------|------------------|
| FINE AGGREGATES | | |
| 1 | Sieve Analysis | IS 2386 (Part 1) |
| 2 | Specific Gravity, Water absorption | IS 2386 (Part 3) |
| 4 | Silt Content (Finer than 75 micron) | IS 2386 (Part 3) |
| 5 | Moisture content | IS 2386 (Part 3) |
| 6 | Organic Impurities | IS 2386 (Part2) |
| 7 | Soundness by Chloride & Sulphate | IS 2386 (Part 5) |
| 8 | Bulk Density ((Loose & Rodded) | IS 2386 (Part 3) |

| | | |
|-------------------------------------|--------------------------------------|-------------------|
| CEMENT (OPC, PPC, SRC, PSC) | | |
| 1 | Compressive Strength | IS 4031 (Part 6) |
| 2 | Consistency Test | IS 4031 (Part 4) |
| 3 | Final Setting Time | IS 4031 (Part 5) |
| 4 | Initial Setting Time | IS 4031 (Part 5) |
| 5 | Density of cement / Specific Gravity | IS 4031 (Part11) |
| FLY ASH | | |
| 1 | Compressive Strength | IS 1727 |
| 2 | Consistency Test | IS 1727 |
| 3 | Final Setting Time | IS 1727 |
| 4 | Initial Setting Time | IS 1727 |



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| SL.NO | NAME OF TEST | TEST METHOD |
|---------------------------------------|---------------------------------------|-----------------------|
| CONCRETE CUBES | | |
| 1 | Compressive Strength of Concrete Cube | IS 516 |
| 2 | Density of Concrete Cube | IS 516 (Part 2/Sec 1) |
| 3 | Core Cutter | IS 516 |
| 4 | Slump Cone Test | IS 1199 |
| 5 | Carbonation Test | IS 516 (Part 2/Sec 4) |
| BRICKS(BURNT/FLY ASH) | | |
| 1 | Dimension (Height, Length, Width) | IS 1077 |
| 2 | Water absorption | IS 3495 (Part 2) |
| 3 | Compressive Strength | IS 3495 (Part 1) |
| 4 | Efflorescence | IS 3495 (Part 3) |
| AAC BLOCKS | | |
| 1 | Dimension (Height, Length, Width) | IS 2185 (Part 3) |
| 2 | Moisture Content | IS 6441 (Part 1) |
| 3 | Compressive Strength (150X150X150) | IS 6441 (Part 5) |
| 4 | Bulk Density | IS 2185 (Part 3) |
| 5 | Drying Shrinkage | IS 2185 (Part 3) |
| HOLLOW/ SOLID & CLC BLOCKS | | |
| 1 | Water absorption | IS 2185 (Part 3) |
| 2 | Bulk Density | IS 2185 (Part 3) |
| 3 | Moisture content | IS 2185 (Part 3) |
| 4 | Shrinkage Limit | IS 2185 (Part 3) |





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MATERIALS LABORATORY

| SL.NO | NAME OF TEST | TEST METHOD |
|-------------------------------|----------------------------------|--------------------------|
| NATURAL BUILDING STONE | | |
| 1 | Specific Gravity | IS 1124 |
| 2 | True Specific Gravity | IS 1124 & 1130 |
| 3 | Porosity | IS 1124 & 1130 |
| 4 | Water absorption | IS 1124 & 1130 |
| 5 | Compressive Strength | IS 1124 (Part -1) |
| BENTONITE | | |
| 1 | Sand Content | IS: 6186 |
| 2 | Swelling Power | IS: 6186 |
| 3 | Moisture Content | IS: 6186 |
| 4 | Fineness | IS: 6186 |
| 5 | pH | IS: 6186 |
| 6 | Liquid Limit - Casagrande method | IS 2720 (Part 5) |
| 7 | Specific Gravity | IS 2720 (Part 3/sec 1) |
| TIMBER & PLYWOOD | | |
| 1 | Moisture Content | IS:1708(Part-I) |
| 2 | Specific Gravity | IS:1708(Part-II) |
| 3 | Density (In Plywood) | IS: 303, IS:1734(Part-I) |
| 4 | Moisture Content (In Plywood) | IS: 303, IS:1734(Part-I) |





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MATERIALS LABORATORY

| SL.NO | NAME OF TEST | TEST METHOD |
|--|--|-------------------|
| PAVER BLOCKS | | |
| 1 | Compressive Strength | IS 15658 |
| 2 | Water absorption | IS 15658 |
| 3 | Dimension (Height, Length, Width) | IS 15658 |
| SUBGRADE FOR ROAD CONSTRUCTION - Granular Sub Base (IRC 15) | | |
| 1 | Aggregate Impact Value | IS 2386 (part 4) |
| 2 | Aggregate Wet Impact value | IS 5640 |
| 3 | Determination of 10% fines value | IS 2386 (part 4) |
| 4 | Sieve Analysis | IS 2386 (part 1) |
| 5 | Water Absorption | IS 2386 (part 3) |
| 6 | Heavy Compaction (MDD & OMC) | IS 2720 (Part 8) |
| 7 | California Bearing Ratio | IS 2720 (Part 16) |
| 8 | Field Density by Sand Replacement Method | IS 2720 (part 28) |
| 9 | Field moisture content & Density by Sand Replacement Method | IS 2720 (part 28) |





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| SL.NO | NAME OF TEST | TEST METHOD |
|---|--|-------------------|
| SUBGRADE FOR ROAD CONSTRUCTION - WMM (IRC 109) | | |
| 1 | Aggregate Impact Value | IS 2386 (part 4) |
| 2 | Aggregate Wet Impact value | IS 5640 |
| 3 | Determination of 10% fines value | IS 2386 (part 4) |
| 4 | Sieve Analysis | IS 2386 (part 1) |
| 5 | Water Absorption | IS 2386 (part 3) |
| 6 | Heavy Compaction (MDD & OMC) | IS 2720 (Part 8) |
| 7 | California Bearing Ratio | IS 2720 (Part 16) |
| 8 | Field Density by Sand Replacement Method | IS 2720 (part 28) |
| 9 | Field moisture content & Density by Sand Replacement Method | IS 2720 (part 28) |
| 10 | Elongation Test, Flakiness Index | IS 2386 (part 1) |
| 11 | Soundness - Magnesium Sulphate, Sodium Sulphate | IS 2386 (part 5) |



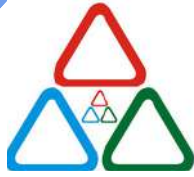


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| SL.NO | NAME OF TEST | TEST METHOD |
|--|------------------------------|------------------|
| CEMENT TREATED BASE AND SUBBASE MATERIALS | | |
| 1 | Liquid Limit | IS 2720 (Part 5) |
| 2 | Plastic Limit | IS 2720 (Part 5) |
| 3 | Sieve Analysis | IS 2386 (part 1) |
| CTB /CTSB (Stabilized Soils) | | |
| 1 | Heavy Compaction (OMC & MDD) | IS 4332 (part 3) |
| 2 | Moisture Content | IS 4332 (part 2) |



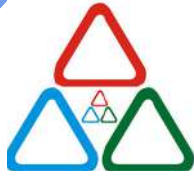


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LAB EQUIPMENT PHOTOS



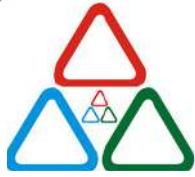


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LAB EQUIPMENT PHOTOS





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LAB EQUIPMENT PHOTOS





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LAB EQUIPMENT PHOTOS





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MATERIALS LABORATORY

OUR SERVICES

- GEOTECHNICAL CONSULTANCY WORKS
- LABORATORY TESTING SERVICES
- FIELD TESTS
- REBOUND HAMMER TEST
- AUGER BORING
- DRILLING WORKS (VERTICAL, HORIZONTAL & CROSSHOLE)
- SURVEYING
- BRIDGE DESIGNING & ESTIMATE
- PREPARATION DPR WORKS
- GEOPHISICAL SURVEY
- HYDROLOGICAL SURVEY
- EVALUATION OF LIQUEFACTION POTENTIAL





V.K.P. GEOTECH

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Our Major Clients

- KNR Constructions Ltd
- Reliance Industries Ltd
- NRP Projects Pvt Ltd
- Adani Vizhinjam Port Pvt Ltd
- Blue Star Realtors Ltd
- Vardan Associates Pvt Ltd
- Hatsun Agro Products Pvt Ltd
- Chaitanya Projects Consultancy Pvt Ltd
- Nabard Consultancy Services
- Larsen & Tubro Ltd
- a. Construction
- b. Power Transmission & Distribution
- c. Solar Projects
- Pioneer Wincon
- IOCL
- Military Engineering Services
- Aarvee Associates Architects Engineers & Consultants Pvt Ltd.
- IIIE Ltd
- NIT, Trichy
- Highways Department, Tamilnadu
- Slum Clearance Board, Tamilnadu
- District Rural Development Agency





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MEMORANDUM OF UNDERSTANDING

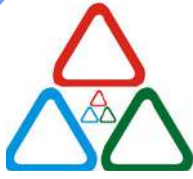




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MATERIALS LABORATORY

Contact Details



P.Nandakumar (Managing Director)

Mobile: 9442114222

Office phone : (0422) 4383993.

Office Mobile Number : 9442114108



**vkpgeotech@gmail.com, vkpgeotech1@gmail.com
vkpgeotechnabl@gmail.com**



**Office & Lab - No 20, 2nd Cross,
1st Main Road, SRP Nagar,
Saibaba Colony,
Coimbatore – 641 011**



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Social Media Page**






www.vkpgeotech.tech, www.soiltests.in



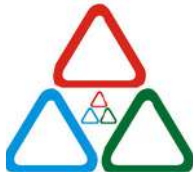
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|  | भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises | MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--|---------------------|--------------------------|----------------------------|---------------------|--------------|-------------|--|---|--|-------------------------------|-------|--|---------------------------------------|--|----------|------------------------|--------|------------|--------|----------------------|
| UDYAM REGISTRATION CERTIFICATE | | | | | | | | | | | | | | | | | | | | | | | |
| UDYAM REGISTRATION NUMBER | UDYAM-TN-03-0035090 | | | | | | | | | | | | | | | | | | | | | | |
| NAME OF ENTERPRISE | M/S V.K.P.GEO TECH | | | | | | | | | | | | | | | | | | | | | | |
| TYPE OF ENTERPRISE * | <table><tr><th>SNo.</th><th>Classification Year</th><th>Enterprise Type</th><th>Classification Date</th></tr><tr><td>1</td><td>2022-23</td><td>Micro</td><td>26/06/2022</td></tr><tr><td>2</td><td>2021-22</td><td>Micro</td><td>17/05/2021</td></tr></table> | | | SNo. | Classification Year | Enterprise Type | Classification Date | 1 | 2022-23 | Micro | 26/06/2022 | 2 | 2021-22 | Micro | 17/05/2021 | | | | | | | | |
| SNo. | Classification Year | Enterprise Type | Classification Date | | | | | | | | | | | | | | | | | | | | |
| 1 | 2022-23 | Micro | 26/06/2022 | | | | | | | | | | | | | | | | | | | | |
| 2 | 2021-22 | Micro | 17/05/2021 | | | | | | | | | | | | | | | | | | | | |
| MAJOR ACTIVITY | SERVICES | | | | | | | | | | | | | | | | | | | | | | |
| SOCIAL CATEGORY OF ENTREPRENEUR | OBC | | | | | | | | | | | | | | | | | | | | | | |
| NAME OF UNIT(S) | <table><tr><th>S.No.</th><th>Udyog Aadhaar Memorandum</th><th>Unit(s) Name</th></tr><tr><td>1</td><td>TN03E0039809</td><td>VKP GEOTECH</td></tr><tr><td>2</td><td></td><td>V.K.P.GEO TECH KERALA</td></tr></table> | | | S.No. | Udyog Aadhaar Memorandum | Unit(s) Name | 1 | TN03E0039809 | VKP GEOTECH | 2 | | V.K.P.GEO TECH KERALA | | | | | | | | | | | |
| S.No. | Udyog Aadhaar Memorandum | Unit(s) Name | | | | | | | | | | | | | | | | | | | | | |
| 1 | TN03E0039809 | VKP GEOTECH | | | | | | | | | | | | | | | | | | | | | |
| 2 | | V.K.P.GEO TECH KERALA | | | | | | | | | | | | | | | | | | | | | |
| OFFICIAL ADDRESS OF ENTERPRISE | <table><tr><td>Flat/Door/Block No.</td><td>C41</td><td>Name of Premises/ Building</td><td>V.K.P.GEO TECH</td></tr><tr><td>Village/Town</td><td>SIDCO</td><td>Block</td><td>COIMBATORE SOUTH</td></tr><tr><td>Road/Street/Lane</td><td>PHASE 1, KURICHI HOUSING UNIT</td><td>City</td><td>COIMBATORE</td></tr><tr><td>State</td><td>TAMIL NADU</td><td>District</td><td>COIMBATORE, Pin 641021</td></tr><tr><td>Mobile</td><td>9442114222</td><td>Email:</td><td>vkpgeotech@gmail.com</td></tr></table> | | | Flat/Door/Block No. | C41 | Name of Premises/ Building | V.K.P.GEO TECH | Village/Town | SIDCO | Block | COIMBATORE SOUTH | Road/Street/Lane | PHASE 1, KURICHI HOUSING UNIT | City | COIMBATORE | State | TAMIL NADU | District | COIMBATORE, Pin 641021 | Mobile | 9442114222 | Email: | vkpgeotech@gmail.com |
| Flat/Door/Block No. | C41 | Name of Premises/ Building | V.K.P.GEO TECH | | | | | | | | | | | | | | | | | | | | |
| Village/Town | SIDCO | Block | COIMBATORE SOUTH | | | | | | | | | | | | | | | | | | | | |
| Road/Street/Lane | PHASE 1, KURICHI HOUSING UNIT | City | COIMBATORE | | | | | | | | | | | | | | | | | | | | |
| State | TAMIL NADU | District | COIMBATORE, Pin 641021 | | | | | | | | | | | | | | | | | | | | |
| Mobile | 9442114222 | Email: | vkpgeotech@gmail.com | | | | | | | | | | | | | | | | | | | | |
| DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE | 14/02/2011 | | | | | | | | | | | | | | | | | | | | | | |
| DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS | 14/02/2011 | | | | | | | | | | | | | | | | | | | | | | |
| NATIONAL INDUSTRY CLASSIFICATION CODE(S) | <table><tr><th>SNo.</th><th>NIC 2 Digit</th><th>NIC 4 Digit</th><th>NIC 5 Digit</th><th>Activity</th></tr><tr><td>1</td><td>71 - Architecture and engineering activities; technical testing and analysis</td><td>7110 - Architectural and engineering activities and related technical consultancy</td><td>71100 - Architectural and engineering activities and related technical consultancy</td><td>Services</td></tr><tr><td>2</td><td>71 - Architecture and engineering activities; technical testing and analysis</td><td>7120 - Technical testing and analysis</td><td>71200 - Technical testing and analysis</td><td>Services</td></tr></table> | | | SNo. | NIC 2 Digit | NIC 4 Digit | NIC 5 Digit | Activity | 1 | 71 - Architecture and engineering activities; technical testing and analysis | 7110 - Architectural and engineering activities and related technical consultancy | 71100 - Architectural and engineering activities and related technical consultancy | Services | 2 | 71 - Architecture and engineering activities; technical testing and analysis | 7120 - Technical testing and analysis | 71200 - Technical testing and analysis | Services | | | | | |
| SNo. | NIC 2 Digit | NIC 4 Digit | NIC 5 Digit | Activity | | | | | | | | | | | | | | | | | | | |
| 1 | 71 - Architecture and engineering activities; technical testing and analysis | 7110 - Architectural and engineering activities and related technical consultancy | 71100 - Architectural and engineering activities and related technical consultancy | Services | | | | | | | | | | | | | | | | | | | |
| 2 | 71 - Architecture and engineering activities; technical testing and analysis | 7120 - Technical testing and analysis | 71200 - Technical testing and analysis | Services | | | | | | | | | | | | | | | | | | | |
| DATE OF UDYAM REGISTRATION | 17/05/2021 | | | | | | | | | | | | | | | | | | | | | | |
| <small>* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.</small> | | | | | | | | | | | | | | | | | | | | | | | |
| <small>Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 24/01/2023</small> | | | | | | | | | | | | | | | | | | | | | | | |
| For any assistance, you may contact: | | | | | | | | | | | | | | | | | | | | | | | |
| 1. District Industries Centre: COIMBATORE (TAMIL NADU) | | | | | | | | | | | | | | | | | | | | | | | |
| 2. MSME-DFO: CHENNAI (TAMIL NADU) | | | | | | | | | | | | | | | | | | | | | | | |
| Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.champions.gov.in | | | | | | | | | | | | | | | | | | | | | | | |
| <div></div> | | | | | | | | | | | | | | | | | | | | | | | |
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www.vkpgeotech.tech, www.soiltests.in



V.K.P. GEOTECH

ISO 9001:2015 | ISO/IEC 17025:2017
NABL ACCREDITED SOIL, ROCK & BUILDING
MATERIALS LABORATORY





National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

V.K.P. GEOTECH

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

NO: 20, 2 ND CROSS, 1ST MAIN ROAD, SRP NAGAR, COIMBATORE, TAMIL NADU, INDIA

in the field of

TESTING

Certificate Number: TC-9284

Issue Date: 01/03/2023

Valid Until: 28/02/2025

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)

Name of Legal Identity : V.K.P. GEOTECH

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

V.K.P. GEOTECH, NO: 20, 2 ND CROSS, 1ST MAIN ROAD, SRP NAGAR, COIMBATORE,
TAMIL NADU, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-9284

Page No

1 of 3

Validity

01/03/2023 to 28/02/2025

Last Amended on

28/06/2023

| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|--------------------|---------------------------------|------------------------------|--|--|
| Permanent Facility | | | | |
| 1 | MECHANICAL- BUILDINGS MATERIALS | Brick | Compressive Strength of Brick | IS 3495 - 1 |
| 2 | MECHANICAL- BUILDINGS MATERIALS | Brick | Water Absorption | IS 3495 - 2 |
| 3 | MECHANICAL- BUILDINGS MATERIALS | Cement OPC | Compressive Strength for cement Cubes | IS 4031-6 |
| 4 | MECHANICAL- BUILDINGS MATERIALS | Cement OPC | Consistency Test | IS 4031 - 4 |
| 5 | MECHANICAL- BUILDINGS MATERIALS | Cement OPC | Density of Cement | IS 4031 -11 |
| 6 | MECHANICAL- BUILDINGS MATERIALS | Cement OPC | Final Setting Time | IS 4031 - 5 |
| 7 | MECHANICAL- BUILDINGS MATERIALS | Cement OPC | Initial Setting Time | IS 4031 - 5 |
| 8 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Elongation Index | IS 2386 - 1 |
| 9 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Flakiness Index | IS 2386 - 1 |
| 10 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Sieve Analysis (80, 63, 40, 20, 16,12, 5,10, 4.75, 2.36 mm) | IS 2386 - 1 |
| 11 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Specific Gravity | IS 2386 - 3 |
| 12 | MECHANICAL- BUILDINGS MATERIALS | Coarse Aggregates | Water absorbtion | IS 2386 - 3 |
| 13 | MECHANICAL- BUILDINGS MATERIALS | Concrete Cube | Compressive Strength of Concrete | IS 516 |
| 14 | MECHANICAL- SOIL AND ROCK | Rock | Dry Density | IS 13030 |
| 15 | MECHANICAL- SOIL AND ROCK | Rock | Point Load Strength Index of Rocks | IS 8764 |
| 16 | MECHANICAL- SOIL AND ROCK | Rock | Unconfined Compressive Strength of Rock | IS 9143 |
| 17 | MECHANICAL- SOIL AND ROCK | Rock | Water content | IS 13030 |
| 18 | MECHANICAL- SOIL AND ROCK | Soil | California Bearing Ratio | IS 2720-16 |



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| S.No | Discipline / Group | Materials or Products tested | Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed | Test Method Specification against which tests are performed and / or the techniques / equipment used |
|------|---------------------------|------------------------------|--|--|
| 19 | MECHANICAL- SOIL AND ROCK | Soil | coefficient of Consolidation | IS 2720-15 |
| 20 | MECHANICAL- SOIL AND ROCK | Soil | Compression Index by Consolidation Test | IS 2720-15 |
| 21 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear - Angle of internal friction | IS 2720-13 |
| 22 | MECHANICAL- SOIL AND ROCK | Soil | Direct Shear - Cohesion | IS 2720 - 13 |
| 23 | MECHANICAL- SOIL AND ROCK | Soil | Dry Density Using Heavy Compaction | IS 2720 - 8 |
| 24 | MECHANICAL- SOIL AND ROCK | Soil | Dry Density Using Light Compaction | IS 2720 - 7 |
| 25 | MECHANICAL- SOIL AND ROCK | Soil | Dry Sieve Analysis | IS 2720 - 4 |
| 26 | MECHANICAL- SOIL AND ROCK | Soil | Free Swell Index of Soils | IS 2720 - 40 |
| 27 | MECHANICAL- SOIL AND ROCK | Soil | Hydrometer Analysis | IS 2720 - 4 |
| 28 | MECHANICAL- SOIL AND ROCK | Soil | Liquid Limit by Mechanical Method | IS 2720 - 5 |
| 29 | MECHANICAL- SOIL AND ROCK | Soil | Plastic Limit | IS 2720 - 5 |
| 30 | MECHANICAL- SOIL AND ROCK | Soil | Shrinkage Limit | IS 2720 - 6 |
| 31 | MECHANICAL- SOIL AND ROCK | Soil | Specific Gravity, Coarse grained soil | IS 2720 - 3 (Sec 2) |
| 32 | MECHANICAL- SOIL AND ROCK | Soil | Specific Gravity, Fine grained soil | IS 2720-3-Sec-1 |
| 33 | MECHANICAL- SOIL AND ROCK | Soil | Swelling Pressure of Soil | IS 2720-41 |
| 34 | MECHANICAL- SOIL AND ROCK | Soil | Triaxial compression (cohesion) | IS 2720 - 11 |
| 35 | MECHANICAL- SOIL AND ROCK | Soil | Unconfined Compressive Strength | IS 2720 Part 10 |
| 36 | MECHANICAL- SOIL AND ROCK | Soil | Water Content of Soil | IS 2720 - 2 |
| 37 | MECHANICAL- SOIL AND ROCK | Soil | Water Content Using Heavy Compaction | IS 2720 - 8 |



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|------|---------------------------|------------------------------|--|--|
| 38 | MECHANICAL- SOIL AND ROCK | Soil | Water Content Using Light Compaction | IS 2720 - 7 |
| 39 | MECHANICAL- SOIL AND ROCK | Soil | Wet Sieve Analysis | IS 2720 - 4 |