



# QUALITEX

TEST HOUSE CHH.SAMBHAJINAGAR PVT. LTD

BEST PLACE FOR QUALITY CONTROL SERVICES



## ABOUT US

**QUALITEX TEST HOUSE CHH.SAMBHAJINAGAR PVT. LTD** is one of the most growing lab in material testing & geo-technical investigation in all over marathwada region. We support civil engineering works (residential, commercial construction, infrastructure, industrial and environmental projects) through a wide range of laboratory & field-testing services. our facility is equipped with modern instruments managed by qualified engineers & technicians & operated under strict quality rights system in accordance with ISO/IEC - 17025:2017.

## OUR FIELD WORK



**SOIL INVESTIGATION  
BY TRIAL PIT METHOD**



**PLATE LOAD TEST  
BY TRUSS METHOD**



**NDT TESTING  
BY UPV METHOD**



**NDT TESTING BY  
REBOUND HAMMER**



**CONCRETE WORKABILITY TEST  
BY SLUMP CONE METHOD**



**MIX DESIGN OF  
SOIL STABILIZATION**



**FIELD DENSITY BY  
SAND REPLACEMENT METHOD**



**SOIL INVESTIGATION  
BY BORE HOLE METHOD**



**CONCRETE CORE  
CUTTING IN FIELD**

## FIELD TESTING

- ▶ NON DESTRUCTIVE TESTING (REBOUND HAMMER / UPV)
- ▶ EARTH & THERMAL RESISTIVITY TEST (ERT/TRT)
- ▶ FIELD CBR
- ▶ ROUGHNESS TEST / SKID RESISTANCE TEST
- ▶ PLATE / PILE LOAD TEST
- ▶ GEO-TECHNICAL INVESTIGATION (BOREHOLE / TRIAL PIT)
- ▶ FIELD DENSITY BY SAND REPLACEMENT /
- ▶ CORE CUTTER METHOD

## SURVEY

- ▶ TOTAL STATION & DGPS
- ▶ GEOLOGICAL SURVEY
- ▶ **PETROGRAPHY**

## OUR LABORATORY



## OUR SERVICES

### ▶ SOIL TESTING

- ▶ GRAIN SIZE ANALYSIS | ATTERBERG'S LIMIT
- ▶ OMC / MDD
- ▶ CALIFORNIA BEARING RATIO (CBR)
- ▶ FIELD DENSITY BY SAND REPLACEMENT & CORE CUTTER
- ▶ SOIL STABILIZATION

### ▶ BITUMEN SECTION

- ▶ PENETRATION | FLASH / FIRE POINT | MARSHAL STABILITY
- ▶ EXTRACTION | DUCTILITY | SOFTENING POINT
- ▶ JOB MIX ( BC, BM, DBM)

### ▶ CHEMICAL SECTION

- ▶ WATER (CONSTRUCTION/DRINKING)
- ▶ CEMENT | FLYASH | LIME | CONCRETE | AGGREGATE |
- ▶ ROCK | STEEL | ADMIXTURE
- ▶ CURING COMPOUND | SEALANT | PRIMER | FIBER

### ▶ STEEL TESTING

- ▶ WEIGHT PER METER | TENSILE STRENGTH
- ▶ YIELD STRESS | 0.2% PROOF STRESS
- ▶ BEND / RE-BEND TEST

### ▶ ORDINARY CONSTRUCTION MATERIAL

- ▶ CEMENT (PHYSICAL / CHEMICAL)
- ▶ LIME & FLYASH (PHYSICAL & CHEMICAL)
- ▶ COARSE AGGREGATE (PHYSICAL / CHEMICAL)
- ▶ FINE AGGREGATE (PHYSICAL / CHEMICAL)
- ▶ GGBS (PHYSICAL / CHEMICAL)
- ▶ PAVER / AAC / CONCRETE / SOLID BLOCK
- ▶ CONCRETE CUBE AND CORE
- ▶ BRICK TESTING
- ▶ GSB & CONCRETE PERMEABILITY

### ▶ CONCRETE MIX DESIGN

- ▶ (PCC / RCC / DLC / PQC)
- ▶ GSB MIX DESIGN

## OUR CERTIFICATIONS



DIRECTOR &  
QUALITY MANAGER

**GUNWANT V. BHANGE**  
BE (Civil)  
Retd. Executive Engineer

DYP. QUALITY MANAGER

**ROHIT R. MAHORKAR**  
B.E (Civil)  
M.Tech (Structural)

TECHNICAL MANAGER

**SHRIRAM KHEDKAR**  
B.Tech (Civil)

### OFFICE AT CHH. SAMBHAJINAGAR :

**QUALITEX TEST HOUSE  
CHH.SAMBHAJINAGAR PVT. LTD**

Gut No.162, Plot no. 9, Shendra Jahangir, Chh.  
Sambhajinagar-431006, Maharashtra, India.

☎ 8956699841 / 8956699842 / 8275265658  
✉ [qualitex2025@gmail.com](mailto:qualitex2025@gmail.com)

### OFFICE AT PUNE :

**QUALITEX TEST HOUSE PVT. LTD**

Gut No.62, Sec no. 14, Boradewadi, Moshi ,  
Pune -412105, Maharashtra, India.

☎ 8055220745 / 8446292190





National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**QUALITEX TEST HOUSE CHHATRAPATI  
SAMBHAJINAGAR PRIVATE LIMITED**

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

GUT NO. 162, PLOT NO. N-9, CHIKALTHANA, CHHATRAPATI SAMBHAJINAGAR, MAHARASHTRA,  
INDIA

in the field of

**TESTING**

Certificate Number: TC-16872

Issue Date: 03/10/2025

Valid Until: 02/10/2029

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](http://www.nabl-india.org))

Name of Legal Entity: QUALITEX TEST HOUSE CHHATRAPATI SAMBHAJINAGAR PRIVATE LIMITED

Signed for and on behalf of NABL



Anita Rani  
Director

Chakravarthy T. Kannan  
Chief Executive Officer



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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
Permanent Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Fire Point	IS 1209
2	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Flash Point	IS 1209
3	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen	Specific Gravity	IS 1202
4	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen Mix/ Core	Binder Content	ASTM D2172
5	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen/ Modified Bitumen/ Industrial Bitumen	Penetration at 25 °C	IS 1203
6	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bitumen/ Modified Bitumen/ Industrial Bitumen	Softening Point	IS 1205
7	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Bituminous Mix/ Core	Marshall Stability	ASTM D6927



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8	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	24 Hours Water Absorption Test	IS 3495 (Part 2)
9	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	5 Hours Boiling Water Absorption Test	IS 3495 (Part 2)
10	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (Part 1)
11	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Height)	IS 1077
12	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Length)	IS 1077
13	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Dimension (Width)	IS 1077
14	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (Part 3)



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15	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	10 Percent Fines Value	IS 2386 (Part 4)
16	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Bulk Density	IS 2386 (Part 3)
17	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part 4)
18	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part 1)
19	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part 1)
20	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part 4)
21	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Sieve Analysis (Sieve Size : 2.36 mm to 100 mm)	IS 2386 (Part 1)



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22	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part 3)
23	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part 3)
24	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Compressive Strength	IS 15658 (Annexure D)
25	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Dimension (Length)	IS 15658 (Annexure B)
26	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Dimension (Thickness)	IS 15658 (Annexure B)
27	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Dimension (Width)	IS 15658 (Annexure B)
28	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Visual Inspection	IS 15658



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29	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Concrete Paving Blocks	Water Absorption	IS 15658 (Annexure C)
30	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Material Finer than 75 Micron	IS 2386 (Part 1)
31	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Sieve Analysis (Sieve Size : 75 Micron to 10 mm)	IS 2386 (Part 1)
32	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part 3)
33	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part 3)
34	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Density	IS 1199 (Part 3)
35	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fresh Concrete	Slump Test	IS 1199 (Part 2)



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36	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength (Core)	IS 516 (Part 4)
37	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Hardened Concrete	Compressive Strength (Cube)	IS 516 (Part 1/ Section 1)
38	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Compressive Strength	IS 4031 (Part 6)
39	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Density	IS 4031 (Part 11)
40	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Final Setting Time	IS 4031 (Part 5)
41	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Fineness	IS 4031 (Part 1)- by Dry Sieving
42	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Fineness	IS 4031 (Part 2)- by Blaine Air Permeability



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43	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Initial Setting Time	IS 4031 (Part 5)
44	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Normal Consistency	IS 4031 (Part 4)
45	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Ordinary Portland Cement (OPC)	Soundness	IS 4031 (Part 3)- by Le-Chatelier Method
46	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Compressive Strength	IS 4031 (Part 6)
47	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Density	IS 4031 (Part 11)
48	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Final Setting Time	IS 4031 (Part 5)
49	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Fineness	IS 4031 (Part 1)- by Dry Sieving



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50	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Fineness	IS 4031 (Part 2)- by Blaine Air Permeability
51	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Initial Setting Time	IS 4031 (Part 5)
52	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Normal Consistency	IS 4031 (Part 4)
53	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Portland Pozzolana Cement (PPC)	Soundness	IS 4031 (Part 3)- by Le-Chatelier Method
54	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Bulk Density	IS 6441 (Part 1)
55	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Compressive Strength	IS 6441 (Part 5)
56	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Height)	IS 2185 (Part 3)



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57	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Length)	IS 2185 (Part 3)
58	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Dimension (Width)	IS 2185 (Part 3)
59	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Precast Autoclaved Cellular (Aerated) Concrete Blocks	Moisture Content	IS 6441 (Part 1)
60	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Solid Concrete Blocks	Compressive Strength	IS 2185 (Part 1)
61	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Compressive Strength	IS 1121 (Part 1)
62	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Porosity	IS 1124
63	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Specific Gravity	IS 1122
64	MECHANICAL- SOIL AND ROCKS	Natural Building Stones	Water Absorption	IS 1124
65	MECHANICAL- SOIL AND ROCKS	Rock	Density	IS 13030
66	MECHANICAL- SOIL AND ROCKS	Rock	Porosity	IS 13030
67	MECHANICAL- SOIL AND ROCKS	Rock	Saturated Specific Gravity	IS 13030
68	MECHANICAL- SOIL AND ROCKS	Rock	Unconfined Compressive Strength	IS 9143



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69	MECHANICAL- SOIL AND ROCKS	Rock	Water Content	IS 13030
70	MECHANICAL- SOIL AND ROCKS	Soil	California Bearing Ratio (CBR)	IS 2720 (Part 16)
71	MECHANICAL- SOIL AND ROCKS	Soil	Free Swell Index	IS 2720 (Part 40)
72	MECHANICAL- SOIL AND ROCKS	Soil	Grain Size Analysis (Sieve Size : 80 mm, 20 mm, 4.75 mm, 2.00 mm, 0.425 mm, 0.075 mm)	IS 2720 (Part 4)
73	MECHANICAL- SOIL AND ROCKS	Soil	Liquid Limit	IS 2720 (Part 5)
74	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Heavy Compaction)	IS 2720 (Part 8)
75	MECHANICAL- SOIL AND ROCKS	Soil	Maximum Dry Density (Light Compaction)	IS 2720 (Part 7)
76	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Heavy Compaction)	IS 2720 (Part 8)
77	MECHANICAL- SOIL AND ROCKS	Soil	Optimum Moisture Content (Light Compaction)	IS 2720 (Part 7)
78	MECHANICAL- SOIL AND ROCKS	Soil	Plastic Limit	IS 2720 (Part 5)
79	MECHANICAL- SOIL AND ROCKS	Soil	Shrinkage Limit	IS 2720 (Part 6)
80	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/ Section 1)
81	MECHANICAL- SOIL AND ROCKS	Soil	Specific Gravity	IS 2720 (Part 3/ Section 2)
82	MECHANICAL- SOIL AND ROCKS	Soil	Water Content	IS 2720 (Part 2)



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Site Testing				
1	MECHANICAL-BUILDING, INFRASTRUCTURE & CONSTRUCTION MATERIALS	Fine Aggregate	Bulking of Sand	IS 2386 (Part 3)