



-: Certification/Approval of Laboratory :-



1. Government Approval Letter:

By R.P.A.D.

No.AB-Tender-Private Lab- 1627 -2017

Office of the Executive Engineer,
Kheda Roads & Buildings Division,
Ayojan Bhawan Compound,
Nadiad-387 001.

Date : 11 - 4 - 2017.

Registration Certificate

To,
Shree Tapi Brahmcharyashram
Sabha College of Diploma Engineering,
Shree Swami Atmanand Saraswati Vidya Sankul,
Opp. Kapodra Police Station,
Varachha Road,
Surat – 395 006.



Sub. : Registration as Approved List of Laboratory

- (1) In pursuance of your application and from the Govt. of Gujarat Roads & Buildings Department's letter No. -- Dtd. -- the Superintending Engineer, Ahmedabad R & B Circle No.1, at Ahmedabad letter No. -- Dtd. -- the undersigned is pleased to inform you that your laboratory is **Registered** in the approved list of Laboratory at Sr. No. **3 (Three)** of the year 2017 in for the whole Gujarat State for conducting specified tests.
- (2) Your laboratory registration will remain enforce for the period upto the end of the Calendar year i.e. upto **31-12-2019** (Two thousand Nineteen)
- (3) **You will have to produce NABL Accreditation for this laboratory within six month from the date of registration.**
- (4) You will have to get the Registration Certificate Renewed before the expiry of the period (as above) by submitting the necessary prescribed application for renewed of Registration with the receipt of necessary renewal fee duly paid in the Division alongwith documents as required as per the application form failing which your Laboratory Registration will be treated as cancelled.

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- (5) Every change in the details furnished with the application should be intimated to the registering authority as soon as such a change occurs.
- (6) Your laboratory is eligible for conducting specified tests as per attached statement.
- (7) All the Government instruction and circulars shall be obey by your laboratory,




(K.C. Gayakwad)
Executive Engineer,
Kheda R. & B. Division,
at Nadiad.

Copy submitted for informations to :

- (1) The Under Secretary (State Road)-2, Road & Building Department, "S" Branch, New Sachivalaya, Block No. 14, 2nd Floor, at Gandhinagar.
- (2) The Superintending Engineer, Ahmedabad R & B Circle No.1, at Ahmedabad.
- (3) The Superintending Engineer, Design (R & B) Circle, Gandhinagar.
- (4) The Joint Director (Road) Gujarat Engineering Research Institute, Vadodara.
- (5) The Research Officer, Road Research Division No.1, GERI, Vadodara.



2. NABL Accreditation Letter:



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

S.T.B.S. MATERIAL TESTING CELL

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

SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING,
KAPODRA, VARACHHA ROAD, SURAT, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-7599

Issue Date: 19/01/2023

Valid Until: 18/01/2025

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 : Shree Tapi Brahacharyashram Sabha Trust

Signed for and on behalf of NABL



N. Venkateswaran
Chief Executive Officer

**3. NABL Scope Details:**
**National Accreditation Board for
Testing and Calibration Laboratories**
SCOPE OF ACCREDITATION

Laboratory Name :	S.T.B.S. MATERIAL TESTING CELL, SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING, KAPODRA, VARACHHA ROAD, SURAT, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7599	Page No	1 of 5
Validity	19/01/2023 to 18/01/2025	Last Amended on	-

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	Bitumen	Absolute viscosity	IS 1206 (Part 2)
2	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility test	IS 1208
3	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Kinematic viscosity	IS 1206 (Part 3)
4	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Loss on heating test	IS 1212
5	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration test	IS 1203
6	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening point test	IS 1205
7	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Specific gravity test	IS 1202
8	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part-1)
9	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Height)	IS 1077
10	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimension (Width)	IS 1077
11	MECHANICAL- BUILDINGS MATERIALS	Bricks	Dimensions (Length)	IS 1077
12	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement	Compressive Strength	IS 4031 (Part-6)
14	MECHANICAL- BUILDINGS MATERIALS	Cement	Consistency	IS 4031 (Part-4)
15	MECHANICAL- BUILDINGS MATERIALS	Cement	Final Setting Time	IS 4031 (Part-5)
16	MECHANICAL- BUILDINGS MATERIALS	Cement	Initial Setting Time	IS 4031 (Part-5)
17	MECHANICAL- BUILDINGS MATERIALS	Cement	Soundness (by Le-Chatelier Method)	IS 4031 (Part-3)
18	MECHANICAL- BUILDINGS MATERIALS	Cement Concrete Cube	Compressive Strength	IS 516

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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Last Amended on

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Crushing Value	IS 2386 (Part-IV)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Elongation Index	IS 2386 (Part-I)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Flakiness Index	IS 2386 (Part-I)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Grading of Aggregate	IS 2386 (Part-I)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Impact Value	IS 2386 (Part-IV)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion value	IS 2386 (Part-IV)
25	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Specific Gravity	IS 2386 (Part-3)
26	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Water Absorption	IS 2386 (Part-3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Fineness Modulus by Gradation	IS 2386 (Part-I)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Specific Gravity	IS 2386 (Part-3)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Water Absorption	IS 2386 (Part-3)
30	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
31	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
32	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	% Elongation	IS 1608 (Part 1)
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Bend Test (Mandrel Diameter: 20mm, 30mm, 32mm, 36mm, 40mm, 48mm, 50mm, 60mm, 80mm and 100mm)	IS 1786
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Re-bend Test (Mandrel Diameter: 32mm, 40mm, 50mm, 60mm, 70mm, 72mm, 84mm, 120mm and 128mm)	IS 1786
35	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Tensile Strength	IS 1608 (Part 1)

This is annexure to 'Certificate of Accreditation' and does not require any signature.

Shree Swami Atmanand Saraswati Vidya Sankul

Kapodra, Varachha Road, Surat-395006 (Gujarat)

Email: materialtestingcell.stbs@gmail.com

Mob: 80003 80668

79909 81529

PH: 0261-2571671/679

FAX: 0261-2571692



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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S.T.B.S. MATERIAL TESTING CELL, SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE OF DIPLOMA ENGINEERING, KAPODRA, VARACHHA ROAD, SURAT, GUJARAT, INDIA

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36	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Reinforcement Steel	Yield Stress	IS 1608 (Part 1)
37	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 (Part-16)
38	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Av)	IS 2720 (Part-15)
39	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Cv)	IS 2720 (Part-15)
40	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test (Pc)	IS 2720 (Part 15)
41	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear (Cohesion)	IS 2720 (Part-13)
42	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test (Angle of friction)	IS 2720 (Part-13)
43	MECHANICAL- SOIL AND ROCK	Soil	Field Density (Core Cutter Method)	IS 2720 (Part-29)
44	MECHANICAL- SOIL AND ROCK	Soil	Field Density (Sand Replacement Method)	IS 2720 (Part-28)
45	MECHANICAL- SOIL AND ROCK	Soil	Free Swell Index	IS 2720 (Part-40)
46	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis	IS 2720 (Part-4)
47	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (MDD)	IS 2720 (Part-8)
48	MECHANICAL- SOIL AND ROCK	Soil	Heavy Compaction (OMC)	IS 2720 (Part-8)
49	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (MDD)	IS 2720 (Part-7)
50	MECHANICAL- SOIL AND ROCK	Soil	Light Compaction (OMC)	IS 2720 (Part-7)
51	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit	IS 2720 (Part-5)
52	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (Part-5)
53	MECHANICAL- SOIL AND ROCK	Soil	Specific Gravity	IS 2720 (Part-3) section-1

This is annexure to 'Certificate of Accreditation' and does not require any signature.

Shree Swami Atmanand Saraswati Vidya Sankul

Kapodra, Varachha Road, Surat-395006 (Gujarat)

Email: materialtestingcell.stbs@gmail.com

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54	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Angle of friction)	IS 2720 (Part-12)
55	MECHANICAL- SOIL AND ROCK	Soil	Triaxial Shear Test (Cohesion)	IS 2720 (Part-12)
56	MECHANICAL- SOIL AND ROCK	Soil	Unconfined Compressive Strength	IS 2720 (Part-10)
57	MECHANICAL- SOIL AND ROCK	Soil	Water Content	IS 2720 (Part-2)
58	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Structure	Rebound Hammer Test	IS 516 Part - 5 Sec.- 4
59	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Structure	Ultrasonic Pulse Velocity Test	IS 516 Part 5 Sec.-1

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**National Accreditation Board for
Testing and Calibration Laboratories****SCOPE OF ACCREDITATION****Laboratory Name :**S.T.B.S. MATERIAL TESTING CELL, SHREE TAPI BRAHMCHARYASHRAM SABHA COLLEGE
OF DIPLOMA ENGINEERING, KAPODRA, VARACHHA ROAD, SURAT, GUJARAT, INDIA**Accreditation Standard**

ISO/IEC 17025:2017

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Site Facility				
1	MECHANICAL- SOIL AND ROCK	Soil	Field Density (Core Cutter Method)	IS 2720 (Part-29)
2	MECHANICAL- SOIL AND ROCK	Soil	Field Density (Sand Replacement Method)	IS 2720 (Part-28)
3	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Structure	Rebound Hammer Test	IS 516 Part - 5 Sec.- 4
4	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Reinforced Cement Structure	Ultrasonic Pulse Velocity Test	IS 516 Part 5 Sec.-1

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Shree Swami Atmanand Saraswati Vidya SankulKapodra, Varachha Road, Surat-395006 (Gujarat)
Email: materialtestingcell.stbs@gmail.com

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4. ISO Certificate:



ICL
Integral Certification (P) Ltd.

Certificate
OF REGISTRATION

This is to Certify that the Management System of

S.T.B.S.MATERIAL TESTING CELL
of Tapi Diploma Engineering College
(Formerly known as STBS College of Diploma Engineering)
Opp. Kapodra Police Station, Varachha Road, Surat-
395006, Gujarat, India.

.has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope of operations:
Construction Material Testing under Civil Engineering Department.

Integral Certification (P) Ltd.

Certificate No.: IN16295A

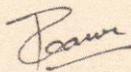
<u>Date of initial registration</u>	<u>Date of this Certificate</u>	<u>Recertification Due</u>
26 May 2021	26 May 2021	25 May 2024

This Certificate remains valid subject to satisfactory surveillance audits.

Accreditation



ICL/FM-001/REV06



Director

For verification and updated information concerning the present certificate visit to www.iclcert.com
This Certificate is the property of Integral Certification Private Limited and shall be returned immediately when demanded.

Integral Certification (P) Ltd.
U-60 (3rd Floor), Shakar Pur, Laxmi Nagar, Delhi-110092
E-mail: info@iclcert.com Website: www.iclcert.com
Contact No. : +91-9319332223



5. SMC Approval Letter:

નોંધ :-

વિષય : સુરત મહાનગરપાલિકાનાં કામો માટે વપરાતાં મટિરિયલ્સનાં ટેસ્ટીંગના કામ માટે S.T.B.S. Material Testing Cell, સુરતમાં પરિણામો અંગે.

S.T.B.S. Material Testing Cell, સુરત ધ્વારા કરવામાં આવેલ અરજી સાથેના દસ્તાવેજો તથા લેબોરેટરીની તજજ્ઞતા અંગે ચકાસણી કરતાં આ સંસ્થા NABL (National Accreditation Board For Testing And Calibration Laboratories) ધ્વારા કેમિકલ ટેસ્ટીંગ, મિકેનિકલ ટેસ્ટીંગ તથા નોન-ડીસ્ટ્રક્ટીવ ટેસ્ટીંગ ક્ષેત્રે માન્યતા પ્રાપ્ત છે, જેથી સદર લેબોરેટરીમાં પણ પરિણામો કરાવી શકાયે. સદર લેબોરેટરીનાં NABL સર્ટીફિકેટ્સ આ સાથે સામેલ છે. પરંતુ જે તે સમયે આ સંસ્થાની NABL(National Accreditation Board For Testing And Calibration Laboratories) ની પ્રાપ્તતા અંગેની અવધિ ચકાસી લેવાની રહેશે.

S.T.B.S. Material Testing Cell

ADD : Shree Swami Atmanand Swaraswati Vidya Sankul,
Opp.Kapodara Police Station,
Varachha Road,
Surat - 395006.

Email : materialtestingcell.stbs@gmail.com

Ph No. 0261-2571671, 2571679

Mob No. : 8000380668

Sull
સીટી ઈજનેર
સુરત મહાનગરપાલિકા

બિડાણ : ઉપર મુજબ.

- ન.સ.ર. : તમામ વિભાગિય વડાશ્રીઓ/ઝોનલ ચીફશ્રીઓ પ્રતિ...જાણ સારું.
ન.સ.ર. : મુખ્ય અન્વેષકશ્રી પ્રતિ...જાણ સારું.
ન.ર. : તમામ કાર્યપાલક ઈજનેરશ્રીઓ (ઝોન/વિભાગ) પ્રતિ...જાણ સારું.
ન.ર. : આર.એ.સી. વિભાગ પ્રતિ...જાણ સારું.

સીટી ઈજનેર સ્વે. સેલ
આઉટવર્ડ નં./ ૧૦૪૧
તારીખ:- ૨૨/૧૦/૨૦૧૫