



**National Accreditation Board for
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

BISS LABS-DIVISION OF ITW INDIA PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

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

for its facilities at

No. 497E, 14th Cross, 4th Phase, Peenya Industrial Area,
Bangalore, Karnataka

in the field of

CALIBRATION

Certificate Number CC-2761
Issue Date 22/07/2019

Valid Until 18/07/2020

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



89076970200020000594

N. Venkateswaran
Chief Executive Officer



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SCOPE OF ACCREDITATION

Laboratory	BiSS Labs-Division of ITW India Private Limited, No. 497E, 14 th Cross, 4 th Phase, Peenya Industrial Area, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Certificate Number	CC-2761	Page	1 of 1
Validity	22.07.2019 to 18.07.2020	Last Amended on	-

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>MECHANICAL CALIBRATION</u>				
I. DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)				
1.	Extensometers [#] L.C.: 0.1 μ m	Up to 50 mm	3 μ m	Using Dial Calibration Tester (with DRO) by Comparison based on ASTM E 83-16
2.	Displacement Systems (Used in Material Testing Machines) [#] L.C.: 10 μ m	Up to 500 mm	15 μ m	Using Digital Height Gauge by Comparison based on ASTM E 2309 / E 2309 M-16
II. UTM, TENSION CREEP AND TORSION TESTING MACHINE				
1.	Verification of Uniaxial Static Testing Machines (UTM, CTM, TTM) [*]	50 N to 1000 kN	0.8 %	Using Force Proving Instruments (Load Cell with indicator) as per IS 1828 (Part 1): 2015

*Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

*Only for Site Calibration

[#]The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Naveen Jangra
Convenor

Alok Jain
Program Manager