



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 1 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
Dicipline - Electrical, Group: - Inductors and Transformers					
1	Transformer Rating: Up- to 50MVA, (3Ø), 69kV Class Transformers	Measurement of voltage ratio	1-3200	IS2026-1, IEC60076-1, IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
2		Check of phase displacement (Vector Group)	Qualitative	IS2026-1, IEC60076-1, IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
3		Magnetic balance & magnetizing current measurement	0.1mA To100Amps, 440 VAC	CBIP Manual on transformer (Publication No. 317) Guidelines	Permanent
4		Measurement of winding resistance	10µΩ to 1kΩ	IS2026-1, IEC60076-1, IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
5		Measurement of insulation resistance	0 – 1000 Gega-ohms, up-to 10kV	IS2026-1, IEC60076-1, IEEE Std.C57.12.90,	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 2 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
				IEEE Std. C57.12.00	
6		Measurement of capacitance & dissipation factor (Tan Delta)	Capacitance 8.1 pF to 88 μ F & tan delta 0.01% to 100%, Voltage 0- 10kV	IS2026-1, IEC60076-1, IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
7	Transformer Rating: Up- to 50MVA, (3 \emptyset), 69kV Class Transformers	Measurement of No-Load Loss & Current	Up to 250 kW, 1mA – 144A, up to 69 kV.	IS2026- 1, IEC60076- 1(2011), IEEE Std.C57.12.90(202 2), IEEE Std. C57.12.00	Permanent
8		Measurement of the Harmonics of the No-Load current	Up to 25 Nos	IS2026- 1(2011), IEC60076- 1(2011), IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
9		Measurement of short circuit impedance & Load Loss	Up to 500 kW (Max. Facility), Z-1 to 15%, 10A – 1200A, up to 69 kV.	IS2026- 1 , IEC60076- 1, IEEE Std.C57.12.90, IEEE	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 3 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
				Std. C57.12.00	
10		Tests on OLTC	0 to 50Amp	IS2026- 1 ,IEC60076- 1,IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
11	Transformer Rating: Up- to 50MVA, (3Ø), 69kV Class Transformers	Measurement of zero sequence impedance on three phase transformers	Up to 1200 A, up to 10kV	IS2026- 1,IEC60076- 1,IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
12		Temperature rise test	Up to 500 kW (Max. Facility),10A – 1200A, up to 69kV & 1°C to 150°C	IS2026-2, IEC60076-2, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent
13		Separate source AC withstand voltage test	1 – 150kV	IS2026-3, IEC60076-3, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 4 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
14		Induced over voltage test (Line terminal AC test-LTAC)	1 – 125kV, at 200Hz frequency	IS2026-3, IEC60076-3, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent
15	Transformer Rating: Up- to 50MVA, (3Ø), 69kV Class Transformers	Induced voltage test with PD measurement (IVPD)	Up to 150kV for voltage & 5 to 10000pC for PD measurement at 200Hz frequency	IS2026-3, IEC60076-3, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent
16		Lightning impulse with chopped wave test	Up to 500kV, 50kJ	IS2026-3, IEC60076-3, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent
17		Determination of transient voltage transfer characteristics	Up to 500kV, 50kJ	IS2026-3, IEC60076-3, IEEE Std. C57.12.90, IEEE Std. C57.12.00	Permanent
18		Measurement of Sound level	40dB to 100 dB(A)	IS2026- 10, IEC60076 -1, IEEE Std.	Permanent

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

Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 5 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
				C57.12.90, IEEE Std. C57.12.00, NEMA- TR1, IEC60076-10	
19	Transformer Rating: Up- to 50MVA, (3Ø), 69kV Class Transformers	Measurement of power taken by fans & pumps	Upto 600V, Upto 10A, Max. 20kW	IS2026- 1,IEC60076- 1,,IEEE Std.C57.12.90, IEEE Std. C57.12.00	Permanent
20		Sweep Frequency Response Analysis (SFRA) test	Up to 2MHz	IEC60076- 18, CBIP Manual on transformer (Publication No. 317) Guidelines	Permanent
Dicipline - Electrical, Group: - Insulating Materials & Insulators					
21	Transformer Oil	Break Down Voltage	0-100kV	IS: 6792, IEC-60156	Permanent
22		Water Content	0-100 mg/kg	SENSOR METHOD as per GCB-QC-WI- 29	Permanent

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

Reg Office: 307/20, 2nd Lane No. 5A, Ranjit Nagar, New Delhi 110008, India



Scope of Accreditation for Testing

As per ISO/IEC 17025:2017

CAB Name: GeniusBOS Technology India Private Limited

Page No. 6 of 6

Address: B06A, ESR Taloja Industrial and Logistic Park, Koni
Taloja Road, Usatane, Ambarnath, Thane - 421306,
Maharashtra

Certificate No.: T-0033

Issue date : 12.09.2025

Validity : 11.09.2029

Amendment date: N/A

Sr. No	Product/ Material to be tested	Parameter/ Type of test/ Properties Measured	Range of measurement/ detection limit	Method/ Technique	Facility
23		Dissolved Gas Analysis	For Dissolved Gases in oil in PPM, H ₂ -5- 5000, CH ₄ , C ₂ H ₄ , C ₂ H ₆ , C ₂ H ₂ -1- 50000, CO-25-5000, CO ₂ - 25-20000	IS-9434, IS: 10593, IEC: 60599,	Permanent
24		Dissipation factor@90°C	0-1	IS: 6262(1971), IEC 60247	Permanent
25		Resistivity @ 90°C	10 ⁹ to 10 ¹⁵ Ohm-cm	IS: 6103(1971), IEC60247	Permanent