

Laboratory Electrical Testing & Calibration Laboratory, Sipat Super Thermal Power Station, P.O. Ujwal Nagar, Sipat, District Bilaspur, Chhattisgarh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6795

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Validity 24.06.2019 to 23.06.2021

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

ELECTRICAL TESTING

I.	ROTATING ELECTRICAL MACHINES			
1.	Induction Motors	Stator Resistance	IS 325:1996 (RA 2012)	0.1 Ω to 600 Ω
		Insulation Resistance	IS 4029:2010 (RA 2016)	1 M Ω to 1 T Ω
II.	TRANSFORMERS AND REACTORS			
1.		Winding Resistance	IS 2026 (Part 1): 2011 (RA 2016)	1 m Ω to 100 Ω
		Insulation Resistance	IS 2026 (Part 1): 2011 (RA 2016)	1 M Ω to 1 T Ω @ 5kV
III.	ELECTRICAL MATERIALS - LIQUID DIELECTRIC MATERIALS			
1.	Mineral Insulating Oil	Electrical Strength	IS 335:2018 IS 1866:2017	10 kV to 100 kV