National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : Q.A. LAB, BENTEC INDIA LIMITED, 150, UPEN BANERJEE ROAD, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8201 **Page No** 1 of 2

Validity 06/03/2023 to 05/03/2025 **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	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	AC High Voltage Test	IS:16444 (Part-1)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Insulation Resistance Test	IS: 16444 (Part-1)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of Limits of Error	IS: 16444 (Part-1)
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of Meter Constant	IS:16444 (Part-1)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of No Load Condition	IS: 16444 (Part-1)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of Power Consumption	IS: 16444 (Part-1)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of Repeatability of Error	IS: 16444 (Part-1)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Smart Meters (Class-1)	Test of Starting Condition	IS: 16444 (Part-1)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	AC High Voltage Test	IS 13779
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Insulation Resistance Test	IS 13779
11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of Limits of Error	IS 13779
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of Meter Constant	IS 13779
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of No Load Condition	IS 13779

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14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of Power Consumption	IS 13779
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of Repeatability of Error	IS 13779
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour meters (Accuracy Class 1.0)	Test of Starting Condition	IS 13779