National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CESC TESTING LABORATORY, TESTING DEPARTMENT, CESC LIMITED, 4, SASHI SEKHAR BOSE ROW, KOLKATA, WEST BENGAL, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8026	**Page No**	1 of 5
Validity	22/10/2021 to 21/10/2023	**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	Energy Meter Class 0.2S, 0.5S & 1S	Power Consumption in Current Circuit	IS 14697
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Starting Condition	IS 14697
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2,	Limits of Error (Active)	IS 13779
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2,	Starting Condition	IS 13779
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class , 0.2S, 0.5S & 1S	Insulation Resistance	IS 14697
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class , 0.2S, 0.5S & 1S	Repeatability of Error (Active)	IS 14697
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class , 0.2S, 0.5S & 1S	Repeatability of Error (Reactive)	IS 14697
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class , 1, 2,	Insulation Resistance	IS 13779
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Limits of Error (Active)	IS 14697
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Limits of Error (Reactive)	IS 14697

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Certificate Number TC-8026 **Page No** 2 of 5

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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
11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Meter Constant (Active)	IS 14697
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Meter Constant (Reactive)	IS 14697
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	No Load Condition	IS 14697
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.2S, 0.5S & 1S	Power Consumption in Voltage Circuit	IS 14697
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2	Insulation Resistance	IS 13010
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2	Starting Condition	IS 13010
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	Limits of Error (Active)	IS 13010
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	Meter Constant (Active)	IS 13010
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	No Load Condition	IS 13010
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	Power Consumption in Current Circuit	IS 13010
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	Power Consumption in Voltage Circuit	IS 13010

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2,	Repeatability of Error (Active)	IS 13010
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Insulation Resistance	CBIP-325
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Limits of Error (Active)	CBIP-325
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Limits of Error (Reactive)	CBIP-325
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Meter Constant (Active)	CBIP-325
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	No Load Condition	CBIP-325
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Power Consumption in Current Circuit	CBIP-325
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Power Consumption in Voltage Circuit	CBIP-325
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Repeatability of Error (Active)	CBIP-325
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Repeatability of Error (Reactive)	CBIP-325
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S	Starting Condition	CBIP-325

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Certificate Number TC-8026 **Page No** 4 of 5

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33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 0.5, 1, 2, 0.2S, 0.5S & 1S,	Meter Constant (Reactive)	CBIP-325
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2	No Load Condition	IS 13779
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2	Power Consumption in Current Circuit	IS 13779
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2,	Power Consumption in Voltage Circuit	IS 13779
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class 1, 2,	Repeatability of Error (Active)	IS 13779
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Energy Meter Class, 1, 2,	Meter Constant (Active)	IS 13779
39	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Phase Error	"Withdrawn Standard" IS 2705 (Part 2)
40	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Phase Error	IS 16227 (Part 1& 2)
41	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Phase Error	IS 2705 (Part 1)
42	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Polarity	"Withdrawn Standard" IS 2705 (Part 2)
43	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Polarity	IS 16227 (Part 1 & 2)
44	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Polarity	IS 2705 (Part 1)
45	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Ratio Error	"Withdrawn Standard" IS 2705 (Part 2)
46	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Ratio Error	IS 16227 (Part 1 & 2)

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Certificate Number TC-8026 **Page No** 5 of 5

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47	ELECTRICAL- INDUCTORS & TRANSFORMERS	Current Transformer upto 2000 A Class 0.2,0.5, 1	Ratio Error	IS 2705 (Part 1)
48	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Phase Error	IS 16227 (Part 1)
49	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Phase Error	IS 16227 (Part 3)
50	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Polarity	IS 16227 (Part 1)
51	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Polarity	IS 16227 (Part 3)
52	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Ratio Error	IS 16227 (Part 1)
53	ELECTRICAL- INDUCTORS & TRANSFORMERS	Voltage Transformers upto 33 kV Class 0.2,0.5, 1.0 & 3	Ratio Error	IS 16227 (Part 3)