National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CAPITAL POWER SYSTEMS LTD. - METER TESTING LABORATORY, B-40, SECTOR-4, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9655 **Page No** 1 of 3

Validity 05/07/2021 to 04/07/2023 **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	Static watthour meter	Power Consumption Test	IS13779 (Cl.12.7.1)
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	AC high Voltage test	CBIP 325 (Cl.5.4.6.3)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	AC high Voltage test	IS13779 (Cl.12.7.6.3):
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Limits of error test	CBIP 325 (Cl.5.6.8)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Limits of error test	IS13779 (Cl.11.1)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	No Load Test	CBIP 325 (Cl.5.6.4)
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	No Load Test	IS13779 (Cl.12.13)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Power Consumption Test	CBIP 325 (5.4.1)
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of Insulation Resistance	CBIP 325 (5.4.6.4)
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of meter constant	CBIP 325 (Cl.5.6.6)
11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of meter constant	IS13779 (Cl.12.15)
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of Repeatability	CBIP 325 (Cl.5.6.9)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of Repeatability	IS13779 (Cl.12.17)

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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
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of starting condition	CBIP 325 (Cl.5.6.5)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of starting condition	IS13779 (Cl.12.14)
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Static watthour meter	Test of Insulation Resistance	IS13779 (Cl.12.7.6.4)
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Power Consumption Test	IS14697 (Cl.12.7.1)
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Test of Insulation Resistance	IS14697 (Cl.12.7.6.4)
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	AC high Voltage test	IS14697 (Cl.12.7.6.3)
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Limits of error test	IS14697 (Cl.11.1)
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	No Load Test	IS14697 (Cl.12.12)
22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Test of meter constant	IS14697 (Cl.12.14)
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Test of Repeatability	IS14697 (Cl.12.16)
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Transformer operated watthour & VAR hour meter	Test of starting condition	IS14697 (Cl.12.13)
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	AC high Voltage test	IS16444 (Cl.6.10.6)
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Limits of error test	IS16444 (Cl.6.12)
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	No Load Test	IS16444 (Cl.6.12)

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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
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Power Consumption Test	IS16444 (Cl.6.10.1)
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Test of Insulation Resistance	IS16444 (Cl.6.10.6)
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Test of meter constant	IS16444 (Cl.6.12)
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Test of Repeatability	IS16444 (Cl.6.12)
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour Smart meters	Test of starting condition	IS16444 (Cl.6.12)
33	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	AC high Voltage test	IS15884 (Cl.5.4.6.3)
34	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Power Consumption Test	IS15884 (Cl.5.4.1)
35	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Limits of error test	IS15884 (Cl.4.6.1)
36	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	No Load Test	IS15884 (Cl.5.6.3)
37	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Test of Insulation Resistance	IS15884 (Cl.5.4.6.4)
38	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Test of meter constant	IS15884 (Cl.5.6.5)
39	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Test of Repeatability	IS15884 (Cl.5.6.7)
40	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	Watthour static pre payment meter	Test of starting condition	IS15884 (Cl.5.6.4)