National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BRPL LABORATORY, BSES RAJDHANI POWER LIMITED, SUBSTATION NO. 15, SECTOR 7,PUSHP VIHAR, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7751 **Page No** 1 of 4

Validity 10/09/2021 to 09/09/2023 **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	A C Static Watthour Meter (Class 1 & 2)	AC High Voltage	IS:13779
2	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	AC High Voltage	IS:16444, (Part-1)
3	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	Insulation Test	IS:13779
4	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	Insulation Test	IS:16444, (Part-1)
5	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	Test for power consumption	IS:16444, (Part-1)
6	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	Test on Limits of error	IS:13779
7	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static Watthour Meter (Class 1 & 2)	Test on Limits of error	IS:16444, (Part-1)
8	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test for power consumption	IS:13779
9	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of meter constant	IS:13779
10	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of meter constant	IS:16444, (Part-1)

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11	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of no-load condition	IS:13779
12	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of no-load condition	IS:16444, (Part-1)
13	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of repeatability of error	IS:13779
14	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of repeatability of error	IS:16444, (Part-1)
15	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of starting condition	IS:13779
16	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A C Static WatthourMeter (Class 1 & 2)	Test of starting condition	IS:16444, (Part-1)
17	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	AC High Voltage	IS:14697
18	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Insulation Test	IS:14697
19	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test for power consumption	IS:14697
20	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test of meter constant	IS:14697
21	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test of no-load condition	IS:14697

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22	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test of repeatability of error	IS:14697
23	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test of starting condition	IS:14697
24	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour Meters(Class 0.2S,0.5S & 1S)	Test on Limits of error	IS:14697
25	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	AC High Voltage	IS:16444, (Part-2)
26	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Insulation Test	IS:16444, (Part-2)
27	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test for power consumption	IS:16444, (Part-2)
28	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test of meter constant	IS:16444, (Part-2)
29	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test of no-load condition	IS:16444, (Part-2)
30	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test of repeatability of error	IS:16444, (Part-2)
31	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test of starting condition	IS:16444, (Part-2)
32	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Transformer Operated Watthour and VAR-Hour smart meters(Class 0.2S, 0.5S & 1.0s)	Test on Limits of error	IS:16444, (Part-2)

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Site Facility				
1	ELECTRICAL- ELECTRICAL INDICATING & RECORDING INSTRUMENTS	A.C Static Watthour Meters & A.C Static Transformer Operated Watthour and VAR-Hour Meters (Class0.2S,0.5S, 1S, 2)	Accuracy requirement testing under On-site condition	IS:15707