

Laboratory Meter Management Group Laboratory, TPDDL, MMG, Tata Power-DDL, Opposite C-2 Block, Lawrence Road, Keshavpuram, Delhi

Accreditation Standard ISO/IEC 17025: 2005

Discipline Electrical Testing **Issue Date** 01.04.2015

Certificate Number T-1146 **Valid Until** 31.03.2017

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I. ELECTRICAL AND ELECTRONIC (STATIC) ENERGY METER				
1.	AC Static Watt Hour Meter	No load	IS 13779: 1999 (RA 2004) (Classes 1 & 2)	45 V to 320 V Phase to Neutral
		Starting Current	IEC 62053-21: 2003 (Class 1 & 2)	2 mA to 100 A
		Limits of Error (Due to Variation of the Current)	IEC 62052-21: 2003 (Class 1 & 2)	PF: (-) 0.8 to (+) 1.00
2.	AC Static Transformer Operated Watt Hour & Var Hour Meters	No load	IS 14697: 1999 (RA 2004) (Class 0.2 S , 0.5 S & 1.0 S)	45 V to 320 V Phase to neutral
		Starting Current	IEC 62053-22: 2003 (Classes 0.2 S , 0.5 S)	2 mA to 100 A
		Limits of Error (Due to Variation of the Current)		PF: (-) 0.8 to (+) 1.00
3.	Electro-Mechanical Watt Hour Meter	No load	IS 13010: 2002 (Classes 0.5 , 1 & 2)	45 V to 320 V Phase to Neutral
		Starting Current	IEC 62053-11: 2003 (Classes 0.5 , 1 & 2)	2 mA to 100 A
		Limits of Error (Due to Variation of the Current)		PF: (-) 0.8 to (+) 1.00

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