



**National Accreditation Board for
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



CERTIFICATE OF ACCREDITATION

POWRTEC ENERGY METER TESTING LABORATORY

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2005

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

H-46, Sector-63, Noida, Uttar Pradesh

in the field of

TESTING

Certificate Number TC-5563

Issue Date 08/05/2017



Valid Until 07/05/2019

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Signed for and on behalf of NABL

N. Venkateswaran
Program Director

Anil Relia
Chief Executive Officer



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SCOPE OF ACCREDITATION

Laboratory Powrtec Energy Meter Testing Laboratory, H-46, Sector-63, Noida, Uttar Pradesh

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-5563

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Validity 08.05.2017 to 07.05.2019

Last Amended on 08.05.2018

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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ELECTRICAL TESTING

I.	MEASURING INSTRUMENTS - ELECTRICAL AND ELECTRONIC (STATIC) ENERGY METERS			
1.	ac Static Watt Hour Meters Class 1.0	Limits of Errors	IS 13779 Cl. No. 11.1	50 Hz 60 V to 320 V 10 mA to 100 A@ 0.25PF to UPF- Lead and Lag
		Meter constant	IS 13779 Cl. No. 12.15	50 Hz 60 V to 320 V Upto 100A PF: 0.25 to UPF- Lead and Lag
		No Load	IS 13779 Cl. No. 12.13	60 V to 320 V
		Test of Starting condition	IS 13779 Cl. No. 12.14	10 mA to 1A
		AC High Voltage	IS 13779 Cl. No. 12.7.6.3	Qualitative (0.1 KV to 4 kV)
		Insulation Resistance	13779 Cl. No. 12.7.6.4	Upto 100 MΩ
		Repeatability for Errors	IS 13779 Cl. No. 12.17	10 mA to 100 A
		Power Consumption	IS 13779 Cl. No. 12.7.1	0.1W to 1.5 W 0.1 VA to 10 VA

R Johri

Ravi Johri
Convenor

Alok Jain

Alok Jain
Program Director