


Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 0616 Accredited to ISO/IEC 17025:2005	Yadav Measurements Private Limited Issue No: 014 Issue date: 02 January 2007	
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Calibration performed at the above address only		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks
DC RESISTANCE	1 m Ω to 0.2 Ω 0.2 Ω to 10 Ω 10 Ω to 120 Ω 120 Ω to 1.2 M Ω 1.2 M Ω to 12 M Ω 12 M Ω to 120 M Ω 120 M Ω to 330 M Ω	0.2% to 0.5% 0.06% to 0.005% 0.007% 0.005% 0.04% 0.15% 1.5%	
DC VOLTAGE	1 mV to 50 mV 50 mV to 1000 V	0.15% to 0.004% 0.002% to 0.004%	
DC CURRENT	1 mA to 100 mA 100 mA to 1 A 1 A to 11 A	0.02% 0.03% to 0.06% 0.07%	
AC VOLTAGE	40 Hz to 70 Hz: 10 mV to 10 V 10 V to 550 V 550 V to 700 V 70 Hz to 1 kHz: 10 mV to 700 V	0.5% to 0.15% 0.008% 0.15% to 0.25% 0.4% to 0.04%	
AC CURRENT	40 Hz to 70 Hz: 1 mA to 5 mA 5 mA to 120 A 70 Hz to 1 kHz: 1 mA to 1 A	0.4% 0.009% 0.3% to 0.5%	



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Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty (<i>k</i> =2)	Remarks
AC POWER/ENERGY	40 Hz to 70 Hz 0.12 W to 38.4 kW	0.02% to 0.01%	Single phase active; cos ϕ = 0.25 to 1, capacitive and inductive
	0.36 W to 115.2 kW	0.02% to 0.01%	Three phase active; cos ϕ = 0.25 to 1, capacitive and inductive
	0.12 VAr to 38.4 kVAr	0.02% to 0.01%	Single phase reactive; sin ϕ = 0.5 to 1, capacitive and inductive
	0.36 VAr to 115.2 kVAr	0.02% to 0.01%	Three phase reactive; sin ϕ = 0.5 to 1, capacitive and inductive
AC POWER FACTOR	0 to unity, inductive or capacitive 40 Hz to 70 Hz	0.029° equivalent phase angle	Power factor may be expressed in terms of phase angle (ϕ) or in terms of cos (ϕ).
FREQUENCY	10 Hz to 225 MHz	2×10^{-5} to 1×10^{-5}	
END			