

Laboratory **Electrical Testing Laboratory of Jay Auto Components Ltd., Khasra No. 39/14, 15/1, 17/1, Khandsa Road, Village-Mohammadpur Jharsa, Post-Kherki, Dhaula, Distt. Gurgaon, Haryana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-5701 (In lieu of T-3411)**

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Validity **24.05.2017 to 23.05.2019**

Last Amended on --

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 & ELECTRONIC (STATIC) ENERGY METERS			
1.	Static Energy Meter for Active Energy Meter (Single Phase Energy Meter Class 1.0)	AC High Voltage test	IS 13779 CI.No. 12.7.6.3	(Qualitative) Up to 4kV
		Insulation Test	IS 13779 CI.No. 12.7.6.4	Up to 20MΩ Up to 500 VDC
		Test of limits of error	IS 13779 CI.No. 11.1	40V to 288V 10mA to 120A 0.2W to 36kW
		Test of meter constant	IS 13779 CI.No. 12.15	40V to 288V 1mA to 120A
		Test of starting current	IS 13779 CI.No. 12.14	(Qualitative) 40V to 288V 1mA to 500mA
		Test on No load condition	IS 13779 CI.No. 12.13	40V to 288V
		Test of repeatability of errors	IS 13779 CI.No. 12.17	40V to 288V 1mA to 120A 0.2W to 36kW PF : (-)0.5 Lag to 0.8 Lead
		Test of Power Consumption of tests	IS 13779 CI.No. 12.7.1	40V to 290 V 0.15W to 20W 1.45VA to 50VA 5 mA to 60 A PF: (-)0.5Lag to 0.8 Lead

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