

Laboratory **Testing & Calibration Laboratory, CTC, DVC, Maithon, Goswami Bhawan, Area No. 6, P.O. Maithon Dam, Dist. Dhanbad, Jharkhand**
Accreditation Standard **ISO/IEC 17025: 2005**
Certificate Number **CC-2809** *(in lieu of C-1104)* **Page** **1 of 1**
Validity **19.08.2018 to 18.08.2020** **Last Amended on** -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability ($\pm$)	Remarks
<u>ELECTRO-TECHNICAL CALIBRATION</u>				
I.	MEASURE			
1.	AC Voltage [§]	50 Hz 60 V to 320 V	0.02 %	Using 3- Φ Reference Standard COM3000 by Comparison Method
2.	AC Current [§]	50 Hz 10 mA to 120 A	0.10 % to 0.02 %	Using 3- Φ Reference Standard COM3000 by Comparison Method
3.	AC Active Power / Energy [§] (1P & 3P-4Wire)	50 Hz 63.5 V to 320 V 20 mA to 120 A Cos ϕ = 0.25 to 1.0	0.048 %	Using 3- Φ Reference Standard COM3000 by Comparison Method
4.	AC Reactive Power / Energy [§] (1P&3P-4Wire)	50 Hz 63.5 V to 320 V 20 mA to 120 A Sin ϕ = 0.25 to 1.0	0.05 %	Using 3- Φ Reference Standard COM3000 by Comparison Method

* Measurement Capability is expressed as an uncertainty ($\pm$) at a confidence probability of 95%

[§]Only in Permanent Laboratory