Laboratory	**Protection & Metering Laboratory, Adani Power Limited, Mundra Thermal Power Project, Adani Power SEZ, Village: Tunda & Siracha, Taluka: Mundra, Dist. Kutch, Gujarat**		
Accreditation Standard	**ISO/IEC 17025: 2005**		
Discipline	**Electro-Technical Calibration**	**Issue Date**	**23.09.2015**
Certificate Number	**C-0973**	**Valid Until**	**22.09.2017**
Last Amended on	**-**	**Page**	**1 of 1**

	Quantity Measured/ Instrument	Range / Frequency	*Calibration Measurement Capability (±)	Remarks
I.	**MEASURE**			
1.	**AC VOLTAGE #**	**45 Hz to 55 Hz** 40 V to 300 V	0.06 %	Using Omicron CMC 256 Calibrator by Direct Method Method
2.	**AC CURRENT #**	**45 Hz to 55 Hz** 10 mA to 50 mA 50 mA to 12 A	0.72 % to 0.05 % 0.05 %	Using Omicron CMC 256 Calibrator by Direct Method Method
3.	**POWER FACTOR #**	-1 to +1	0.01 pF	Using Omicron CMC 256 Calibrator by Direct Method Method
4.	**FREQUENCY #**	45 Hz to 55 Hz	0.05 %	Using Omicron CMC 256 Calibrator by Direct Method Method
5.	**3-PHASE AC ACTIVE & REACTIVE ENERGY (For Calibration Of Energy Meters Only) #**	**45 Hz to 55 Hz** 40 V to 300 V CosΦ & Sin Φ 0.25 to 1.0 10 mA to 50 mA 50 mA to 12 A	 0.73 % to 0.07 % 0.07 %	Using Omicron CMC 256 Calibrator by Comparison Method

*** Measurement Capability is expressed as an uncertainty (±) at a confidence probability of 95%**
 # The laboratory is also capable for site calibration however, the uncertainty at site depends on the prevailing actual environmental conditions and master equipment used.

Shally Sharma
Convenor

Avijit Das
Program Manager