

Laboratory Protection & Metering Laboratory, Adani Power (Mundra) Limited,
Mundra Thermal Power Project, Village : Tunda & Siracha, Taluka:
Mundra, Dist: Kutch, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number CC-2366

Page 1 of 1

Validity 03.11.2018 to 22.09.2019

Last Amended on -

Sl.	Quantity Measured / Instrument	Range/Frequency	*Calibration Measurement Capability (\pm)	Remarks
<u>ELECTRO TECHNICAL CALIBRATION</u>				
I.	SOURCE			
1.	AC Voltage [#]	45 Hz to 55 Hz 40 V to 300 V	0.05 %	Using ZERA MT320 & OMICRON CMC 256 Calibrator By Direct Method
2.	AC Current [#]	45 Hz to 55 Hz 10 mA to 12 A	0.05 %	Using ZERA MT320 & OMICRON CMC 256 Calibrator By Direct Method
3.	Power Factor [#]	50 Hz (at 63.5 V, 1A) (-) 1 to (+)1	0.008 PF	Using ZERA MT320 & OMICRON CMC 256 Calibrator By Direct Method
4.	Frequency [#]	45 Hz to 55 Hz	0.05 %	Using ZERA MT320 & OMICRON CMC 256 Calibrator By Direct Method
5.	3-Phase AC Energy [#] Active & Reactive	45 Hz to 55 Hz 40 V to 300 V 10 mA to 50 mA & 50 mA to 12 A At Cos \emptyset & Sin \emptyset 0.25PF to 1.0PF	0.075 %	Using ZERA MT320 & OMICRON CMC 256 Calibrator By Direct Method

* Measurement Capability is expressed as an uncertainty (\pm) 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.

Pankaj Varshney
Convenor

Avijit Das
Program Director