National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	1 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz -1 KHz	Using Power Meter By direct Method	10 A to 20 A	0.25 % to 0.15 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power (0.5 Lead/Leg) (0.5 A to 20 A) (10 V to 600 V)	Using Power Meter By Direct Method	2.5 W to 6 kW	0.3%
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power (50 Hz @UPF) (10V to 600 V) (0.1A to 20 A)	Using Power Meter By Direct Method	1 W to 12 kW	0.15 % to 0.15 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC resistance (2 Wire)	Using LCR meter be Direct method	1 ohm to 100 M ohm	0.29%

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	2 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @100 Hz	Using 61/2 DMM By Direct Method	1 µF to 1000 µF	1.8 % to 1.8 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @1 kHz	Using LCR meter by direct Method	100 pF to 100 µF	0.4 % to 0.4 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6 1/2 DMM By Direct Method	1 nF to 1 µF	5.2 % to 1.8 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by direct method	1 G ohm	12.3%
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by Direct Method	2 G ohm	12.3%

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	3 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by Direct Method	20 G ohm	17.5%
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC Low Resistance (4 wire)	Using digital micro ohm meter by Direct Method	100 µ ohm to 1 ohm	0.55 % to 0.1 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC Power (@UPF) (10 V to 1000 V) (0.1 A to 20 A)	Using Power Meter By Direct Method	1 W to 20 kW	0.15 % to 0.15 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 KHz	Using LCR meter by Direct Method	100 H to 1000 H	0.49%
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 kHz	Using LCR meter by Direct Method	100 µH to 100 H	0.49%

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 4 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power (50 Hz @ 0.5 Lead/Lag) (10 V to 600 V) (0.5 A to 20 A)	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	2.5 W to 6 kW	0.5 % to 0.7 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power (50 Hz @UPF) (10V to 600 V) (0.1A to 20 A)	Using Multi-Product Calibrator By Direct Method	1 W to 12 kW	0.2 % to 0.4 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance (2 Wire)	Using Std Resistance Box by direct Method	1 ohm to 10 kohm	0.6 % to 0.6 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance (2 Wire)	Using Std. Mega ohm box by Direct Method	100 kohm to 100 Mohm	3.5 % to 3.5 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Decade Capacitance Box By Direct method	100 pF to 100 µF	1.16%
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100Hz	Using Multi-Product Calibrator By Direct Method	1 µF to 100 µF	0.42 % to 0.7 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	5 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1kHz	Using Multi-Product Calibrator By Direct Method	1 nF to 1 µF	1.7 % to 0.42 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC High Resistance (2 wire)	Using Std. Mega ohm box by direct method	1 G ohm to 20 G ohm	3.5%
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC low Resistance(4 wire)	Using Std Resistance Box by direct Method	100 µohm to 1 ohm	0.9 % to 0.6 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC Power (@UPF) (10 V to 1000 V) (0.1 A to 20 A)	Using Multi-Product Calibrator By Direct Method	1 W to 20 kW	0.2 % to 0.6 %
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC Resistance (2 wire)	Using Std. mega ohm box by direct method	100 k ohm to 1 G ohm	3.5%
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	1 H to 100 H	1.2 % to 1.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	6 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	1 mH to 1 H	1.2 % to 1.2 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	100 µH to 1 mH	1.2 % to 1.2 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	100 H to 1000 H	1.2 % to 1.2 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor (Lag/Lead)	Using Multi-Product Calibrator By Direct Method	0.2 PF to 1.0 PF	0.012PF
31	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Current @50 Hz to 1 KHz	Using 61/2 DMM By Direct Method	>100 mA to 10 A	0.16 % to 0.25 %
32	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Current @50 Hz to 1 KHz	Using 61/2 DMM By Direct Method	30 µA to 100 mA	1.25 % to 0.16 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 7 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using DMM By Direct Method	>10 V to 1000 V	0.10 % to 0.10 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using DMM By Direct Method	1 mV to 10 V	0.55 % to 0.10 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Power Meter By Direct Method	>10 A to 20 A	0.18 % to 0.15 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	1 µA to 100 µA	0.072 % to 0.09 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	1 A to 10 A	0.08 % to 0.18 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	100 µA to 1 A	0.09 % to 0.08 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 8 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 61/2 DMM By Direct Method	>100 M ohm to 1 G ohm	0.05 % to 2.36 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 61/2 DMM By Direct Method	>100 ohm to 1 Mohm	0.016 % to 0.05 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire)	Using 61/2 DMM By Direct Method	> 1 M ohm to 100 M ohm	0.05 % to 0.05 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire)	Using 61/2 DMM By Direct Method	1 ohm to 100 ohm	0.05 % to 0.016 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using DMM By Direct Method	>10 V to 1000 V	0.01 % to 0.05 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using DMM By Direct Method	1 mV to 10 V	0.12 % to 0.01 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	9 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current @50 Hz to 1kHz	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	1 A to 20 A	0.07 % to 0.08 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	30 µA to 1 A	0.55 % to 0.07 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current 50 Hz to 1kHz	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.15 % to 0.16 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	>10 V to 1000 V	0.04 % to 0.07 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	1 mV to 300 mV	2.4 % to 0.4 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage 50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	>300 mV to 10 V	0.4 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 10 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method	>1 A to 10 A	0.05 % to 0.08 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method	>10 µA to 1 A	0.25 % to 0.05 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method Using current coil	>10 A to 20 A	0.08 % to 0.15 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator With 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.15 % to 0.13 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 kohm to 1 Mohm	0.013 % to 0.02 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 Mohm to 1100 Mohm	0.02 % to 1.8 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	11 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 ohm to 1 kohm	1.8 % to 0.013 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator By Direct Method	1 mV to 300 mV	0.35 % to 0.008 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator By Direct Method	300 mV to 1000 V	0.01 % to 0.006 %
60	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple J-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1200 °C	0.47°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	12 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
61	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple K-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1372 °C	0.47°C
62	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple N-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1300 °C	0.47°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	13 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
63	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple R-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	0 to 1767 °C	0.73°C
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple S-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	0 to 1767 °C	0.42°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	14 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple T-Type	Using 61/2 DMM & Precision Temperature ScannerSimulation Method	-250 °C to 400 °C	0.42°C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) PT 100 ohm	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	- 200 °C to 800 °C	0.26°C
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type Thermocouple	Using Temperature Source Simulation by Direct Method	-210 °C to 1200 °C	0.47°C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type Thermocouple	Using Multi Product Calibrator / Temperature Source Simulation Method	-200 °C to 1372 °C	0.47°C

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 15 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	-200 °C to 1300 °C	0.49°C
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	0 °C to 1767 °C	0.73°C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	0 to 1767 °C	0.55°C
72	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type Thermocouple	Using Multi Product Calibrator / Temperature Source Simulation Method	-250 °C to 400 °C	0.73°C
73	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature calibration(RTD)PT 100 ohm	Using Multi Product Calibrator / Temperature Source Simulation Simulation Method	- 200 °C to 800 °C	0.3°C
74	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 61/2 DMM By Direct Method	10 Hz to 1 MHz	0.1 % to 0.02 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	16 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
75	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval / Stop Watch (Digital/ Analog)	Using Digital Timer By Comparison Method	>1800 S to 86400 s	1.3 % to 2.5 %
76	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval / Stop Watch (Digital/ Analog)	Using Digital Timer By Comparison Method	1 S to 1800 S	2.2 % to 1.3 %
77	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi-Product Calibrator By Direct Method	50 Hz to 1 MHz	0.005 % to 0.005 %
78	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3V	Using Multi-Product Calibrator By Direct Method	10 Hz to 50 Hz	0.015 % to 0.005 %
79	MECHANICAL-ACCELERATION AND SPEED	Indicator of RPM Measurement (Non-Contact Type)	Using Digital Tachometer and Tachometer Calibrator by Comparison method	50 RPM to 60000 RPM	10 %rdg to 1.5 %rdg
80	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Digital Tachometer and Tachometer Calibrator by Comparison method	50 RPM to 60000 RPM	10 %rdg to 1.5 %rdg

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 17 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
81	MECHANICAL-ACOUSTICS	Sound level Meter @1 kHz	Using Sound Calibrator by Direct Method	94 and 114 dB	0.64dB
82	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protector LC - 5 Minute	Using Angle gauge set By Comparison Method	0 to 360 degree	5Minute
83	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge L. C. 0.01/0.1 µm	Using Std. Foil by Comparison Method	10 µm to 707 µm	4.0µm
84	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Combination set & Angle Protector L. C. 1 degree	Using Angle Gauge Set By Comparison Method	0 to 180 Degree	35Minute
85	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould	By Using Digital Vernier Caliper By Comparison Method	20 mm to 150 mm	50.0 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	18 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
86	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 100 mm	8.0µm
87	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Bore Gauge	Using Digital Calibration Tester by Comparison Method	0 to 2 mm	6.0 µm
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper L.C. : 0.02mm	Using Slip Gauge set & Caliper Checker By Comparison Method	0 to 300 mm	15µm
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C: 0.001mm	Using Dial Calibration Tester by Comparison Method	0 to 0.14 mm	1.9µm
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C: 0.001mm	Using Dial Calibration Tester by Comparison Method	0 to 0.8 mm	2.2µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	19 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C: 0.001mm	Using Dial Calibration Tester by Comparison Method	0 mm to 0.28 mm	2.0 µm
92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge (Lever Type) L.C: 0.001mm	Using Dial Calibration Tester by Comparison Method	0 mm to 1 mm	3.8 µm
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 100 mm	4.9µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C: 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 25 mm	10.0µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip Gauge Block by Comparison Method	0 to 100 mm	2.8 µm

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 20 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip Gauge Block set by Comparison Method	0 to 25 mm	1.5µm
97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip gauge Block set by Comparison Method	0 mm to 50 mm	2.5 µm
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.01 mm	Using Slip Gauge Block by Comparison Method	100 mm to 600 mm	7.6 µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Slip Gauge Set & Accessories, Grade 0 by Comparison Method	0.05 mm to 2 mm	4.3 µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Hegman Gauge	Electronic probe & DRO by Comparison Method	0 to 100 µm	1.8µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	21 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 300 mm	9.0 µm
102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 450 mm	12 µm
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 600 mm	14.0µm
104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial Caliper LC: 0.02 mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0.5 mm to 75 mm	15.0µm
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer L.C. : 0.001 mm	Using Slip Gauge set with Accessories & caliper checker By Comparison Method	50 mm to 1000 mm	16 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-3096
Validity	09/01/2022 to 08/01/2024

Last Amended on 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
106	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Pin	Using Slip Gauge Set & Dial Gauge, Dig Micrometer By comparison Method	0.1 mm to 100 mm	3.0µm
107	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Rod	Using Slip Gauge Set & Dial Gauge By comparison Method	25 mm to 575 mm	4.0µm
108	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper L.C. 0.1mm	Using Slip Gauge Set by Comparison Method	upto to 100 mm	90.0µm
109	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Slip Gauge Set & Dial Gauge by Comparison Method:	3 mm to 200 mm	8.53µm
110	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/ Digimatic Indicator LC: 0.001 mm	Using Dial Calibration Tester & Electronic Probe, Slip Gauge Set(Grade 0) By Comparison Method	0 to 10 mm	2.5µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	23 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
111	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/ Digimatic Indicator LC: 0.001 mm	Using Dial Calibration Tester & Electronic Probe, Slip Gauge Set(Grade 0) By Comparison Method	0 to 50 mm	3.8 µm
112	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Flatness) garde 1 and above	Using Digital level Indicator (L.C.-0.01mm/m)	2000 X 2000 mm	2.4 Sq rt(L+W)/150(L+W in mm)
113	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieves	Using Digital Caliper by Comparison Method	4 mm to 100 mm	25.0µm
114	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V- Block (Parallelism, Flatness and Symmetry)	Using Surface plate, & Dial Gauge By comparison Method	150 X 150 X 150 mm	Parallelism - 7.0 µm ,Flatness - 7.0 µm and Symmetry - 7.0µm
115	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 1000 mm	17µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	24 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
116	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 200 mm	7.0µm
117	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 450 mm	10µm
118	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 600 mm	14µm
119	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Depth Gauge L.C. : 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 300 mm	7.0µm
120	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog) - Hydraulic	Using Digital Pressure Gauge, multimeter by Comparison Method as per DKD – R6 – 1	0 to 30 bar	0.4bar

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	25 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
121	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog) - Hydraulic	Using Digital Pressure Gauge, multimeter by Comparison Method as per DKD – R6 – 1	0 to 700 bar	0.93bar
122	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge/Magnehelic Gauge	Using Pressure Calibrator with hendheld Pump By Comparison Methodt	1 m bar to 1000 mbar	1.38mbar
123	MECHANICAL-VOLUME	Micropipettes	Using Standard Weights of Class E1 & E2 and Precision Weighing Balance with d:0.01 mg and Distilled Water by Gravimetric Method based on IS 8655-6	10 µl to 100 µl	0.9µl
124	MECHANICAL-VOLUME	Micropipettes	Using Standard Weights of Class E1 & E2 and Precision Weighing Balance L.C.0.01mg and Distilled Water by Gravimetric Method based on IS 8655-6	100 µl to 1000 µl	0.9µl

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	26 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
125	MECHANICAL-VOLUME	Volumetric Measures (Flask/Cylinder/Beaker)	Using Weighing Balance with d: 0.01 mg, Distilled Water & Weights & Weighing Balance with d: 0.1 mg based on Gravimetric method as per ISO 8655-6	100 ml to 5000 ml	1.14 ml
126	MECHANICAL-VOLUME	Volumetric Measures (Burette/Flask/Pipette/Cylinder/Beaker & Other Glassware)	Using Standard Weights of Class F1 & F2 and Precision Weighing Balance and Distilled Water by Gravimetric Method based on ISO 4787	>1 ml to 10 ml	1.1µl
127	MECHANICAL-VOLUME	Volumetric Measures (Burette/Flask/Pipette/Cylinder/Beaker & Other Glassware)	Using Weighing Balance with d: 0.01 mg, Distilled Water & Weights & Weighing Balance with d: 0.1 mg based on Gravimetric method as per ISO 4787	>10 ml to 100 ml	0.024ml
128	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-0.01 mg & coarser	Using E1 class standard weights	0 g to 92 g	0.3mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	27 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
129	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-0.1 mg & coarser	Using E1 class standard weights	>92 g to 220 g	0.9mg
130	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-1 mg & coarser	Using E2 class standard weights	>220 g to 3 Kg	10mg
131	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-10 mg & coarser	Using E2 class standard weights	>3 Kg to 10.1 Kg	10mg
132	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-100 g & coarser	Using E2 class standard weights	>35 kg to 100 kg	9.1g
133	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-100mg & coarser	Using E2 class standard weights	>10.1 Kg to 35 Kg	50.0mg
134	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-10 g & coarser	Using F1 class standard weights	>100 kg to 500 kg	40.0g

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	28 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
135	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class IIi and coarser) Readability-100 g & coarser	Using F1 class standard weights	>500 kg to 1000 kg	76.0g
136	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	1 g	0.01mg
137	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	1 mg	0.01mg
138	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	10 g	0.02mg
139	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	10 mg	0.01mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	29 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
140	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	100 g	0.022mg
141	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	100 mg	0.01mg
142	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	2 g	0.01mg
143	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	2 mg	0.01mg
144	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	20 g	0.02mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	30 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
145	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	20 mg	0.01mg
146	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	200 g	0.068mg
147	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	200 mg	0.01mg
148	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	5 g	0.01mg
149	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	5 mg	0.01mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	31 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
150	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	50 g	0.022mg
151	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	50 mg	0.01mg
152	MECHANICAL-WEIGHTS	Weights (Conventional Mass E2 Class and coarser)	Using E1 Class weights and Precision Balance of readability 0.01 mg by substitution method	500 mg	0.01mg
153	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 1 mg by substitution method	1 Kg	0.55mg
154	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 10 mg by substitution method	10 kg	9.3mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	32 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
155	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 1 mg by substitution method	2 Kg	1.11mg
156	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 100 mg, by substitution method	20 kg	82mg
157	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 10 mg by Comparison Method	5 kg	8.2mg
158	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using F1 Class weights and Precision Balance of readability 10 g by substitution method	50 kg	8.4g
159	MECHANICAL-WEIGHTS	Weights (Conventional Mass F1 Class and coarser)	Using E2 Class weights and Precision Balance of readability 1 mg by substitution method	500 g	0.27mg

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 33 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
160	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger	Using Precision Standard Hygrometer/ Temperature & Humidity Chamber By Comparison Method	10 °C to 50 °C @ 50 % RH	0.9°C
161	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger	Using Precision Standard Hygrometer/ Temperature & Humidity Chamber By Comparison Method	12 % RH to 95 % RH @ 25 °C	1.4%RH
162	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	10 °C to 50 °C @ 50 % RH	0.9°C
163	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	12 % RH to 95 % RH @ 25 °C	1.6% RH
164	THERMAL-TEMPERATURE	Glass Thermometer	Using 4-wire RTD /SPRT with Precision Temperature Scanner Oil Temperature Bath by Comparison Method	50 °C to 250 °C	0.6°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	34 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
165	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber/ Ovens	Using S type Thermocouple/ High Precision Temperature Scanner by Comparison Method	>660 °C to 1200 °C	1.9°C
166	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using 4-wire RTD & High Precision Temperature Scanner Low Temperature Bath by Comparison Method	- 15 °C to 100 °C	0.6°C
167	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using SPRT & High Precision Temperature Scanner Metrology Well by Comparison Method	>250 °C to 600 °C	1.74°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	35 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
168	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switches	Using SPRT & S Type thermo-couple with Precision Temperature Scanner & Dry Block Furnace by Comparison Method	>600 °C to 1200 °C	2.17°C
169	THERMAL-TEMPERATURE	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven *)(*For Non Medical Devices)	Using S Type Thermo-couple with Precision Temperature Scanner by Single Position Calibration	> 660 °C to 1200 °C	2.17°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	36 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current 50 Hz -1 KHz	Using Power Meter By direct Method	10 A to 20 A	0.25 % to 0.15 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Current @50 Hz	Using 6.5 DMM & Current Transformer(2000/5 A) By direct Method:	20 A to 1000 A	1 % to 1 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage	Using High Voltage with DMM By Direct Method	1 KV to 28 KV	7.1 % to 6 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power (0.5 Lead/Leg) (0.5 A to 20 A) (10 V to 600 V)	Using Power Meter By Direct Method	2.5 W to 6 kW	0.3%

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	37 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Power (50 Hz @UPF) (10V to 600 V) (0.1A to 20 A)	Using Power Meter By Direct Method	1 W to 12 kW	0.15 % to 0.15 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC resistance (2 Wire)	Using LCR meter be Direct method	1 ohm to 100 M ohm	0.29%
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Active Energy at 240V, 20A-60A, 50Hz @(UPF, Single / Three Phase)	Using Energy Logger by Comparison Method	4.8 kWh to 43.2 kWh	1.9%
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @100 Hz	Using 61/2 DMM By Direct Method	1 µF to 1000 µF	1.8 % to 1.8 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @1 kHz	Using LCR meter by direct Method	100 pF to 100 µF	0.4 % to 0.4 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 38 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
10	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Capacitance @ 1 kHz	Using 6 1/2 DMM By Direct Method	1 nF to 1 µF	5.2 % to 1.8 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by direct method	1 G ohm	12.3%
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by Direct Method	2 G ohm	12.3%
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC High Resistance (2 wire)	Using Insulation Tester by Direct Method	20 G ohm	17.5%
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC Low Resistance (4 wire)	Using digital micro ohm meter by Direct Method	100 µ ohm to 1 ohm	0.55 % to 0.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	39 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
15	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	DC Power (@UPF) (10 V to 1000 V) (0.1 A to 20 A)	Using Power Meter By Direct Method	1 W to 20 kW	0.15 % to 0.15 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 KHz	Using LCR meter by Direct Method	100 H to 1000 H	0.49%
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @1 kHz	Using LCR meter by Direct Method	100 µH to 100 H	0.49%
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power (50 Hz @ 0.5 Lead/Lag) (10 V to 600 V) (0.5 A to 20 A)	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	2.5 W to 6 kW	0.5 % to 0.7 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Power (50 Hz @UPF) (10V to 600 V) (0.1A to 20 A)	Using Multi-Product Calibrator By Direct Method	1 W to 12 kW	0.2 % to 0.4 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 40 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
20	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance (2 Wire)	Using Std Resistance Box by direct Method	1 ohm to 10 kohm	0.6 % to 0.6 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Resistance (2 Wire)	Using Std. Mega ohm box by Direct Method	100 kohm to 100 Mohm	3.5 % to 3.5 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @1 kHz	Using Decade Capacitance Box By Direct method	100 pF to 100 µF	1.16%
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @100Hz	Using Multi-Product Calibrator By Direct Method	1 µF to 100 µF	0.42 % to 0.7 %
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC High Resistance (2 wire)	Using Std. Mega ohm box by direct method	1 G ohm to 20 G ohm	3.5%
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC low Resistance(4 wire)	Using Std Resistance Box by direct Method	100 µohm to 1 ohm	0.9 % to 0.6 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	41 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC Power (@UPF) (10 V to 1000 V) (0.1 A to 20 A)	Using Multi-Product Calibrator By Direct Method	1 W to 20 kW	0.2 % to 0.6 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	DC Resistance (2 wire)	Using Std. mega ohm box by direct method	100 k ohm to 1 G ohm	3.5%
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	1 H to 100 H	1.2 % to 1.2 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	1 mH to 1 H	1.2 % to 1.2 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	100 µH to 1 mH	1.2 % to 1.2 %
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @1 KHz	Using Decade Inductance box by Direct Method	100 H to 1000 H	1.2 % to 1.2 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 42 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Power Factor (Lag/Lead)	Using Multi-Product Calibrator By Direct Method	0.2 PF to 1.0 PF	0.012PF
33	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Current @50 Hz to 1 KHz	Using 61/2 DMM By Direct Method	>100 mA to 10 A	0.16 % to 0.25 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Current @50 Hz to 1 KHz	Using 61/2 DMM By Direct Method	30 µA to 100 mA	1.25 % to 0.16 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using DMM By Direct Method	>10 V to 1000 V	0.10 % to 0.10 %
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using DMM By Direct Method	1 mV to 10 V	0.55 % to 0.10 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using Power Meter By Direct Method	>10 A to 20 A	0.18 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 43 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	1 µA to 100 µA	0.072 % to 0.09 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	1 A to 10 A	0.08 % to 0.18 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 61/2 DMM By Direct Method	100 µA to 1 A	0.09 % to 0.08 %
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 61/2 DMM By Direct Method	>100 M ohm to 1 G ohm	0.05 % to 2.36 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance	Using 61/2 DMM By Direct Method	>100 ohm to 1 Mohm	0.016 % to 0.05 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire)	Using 61/2 DMM By Direct Method	> 1 M ohm to 100 M ohm	0.05 % to 0.05 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	44 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Resistance (2 wire)	Using 61/2 DMM By Direct Method	1 ohm to 100 ohm	0.05 % to 0.016 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using DMM By Direct Method	>10 V to 1000 V	0.01 % to 0.05 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using DMM By Direct Method	1 mV to 10 V	0.12 % to 0.01 %
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current @50 Hz to 1kHz	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	1 A to 20 A	0.07 % to 0.08 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	30 µA to 1 A	0.55 % to 0.07 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Current 50 Hz to 1kHz	Using Multi-Product Calibrator & 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.15 % to 0.16 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	45 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	>10 V to 1000 V	0.04 % to 0.07 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage @50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	1 mV to 300 mV	2.4 % to 0.4 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	AC Voltage 50 Hz to 1 kHz	Using Multi-Product Calibrator By Direct Method	>300 mV to 10 V	0.4 % to 0.05 %
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method	>1 A to 10 A	0.05 % to 0.08 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method	>10 µA to 1 A	0.25 % to 0.05 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator By Direct Method Using current coil	>10 A to 20 A	0.08 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 46 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi-Product Calibrator With 50 Turn Current Coil By Direct Method	>20 A to 1000 A	0.15 % to 0.13 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 kohm to 1 Mohm	0.013 % to 0.02 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 Mohm to 1100 Mohm	0.02 % to 1.8 %
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 wire)	Using Multi-Product Calibrator By Direct Method	1 ohm to 1 kohm	1.8 % to 0.013 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator By Direct Method	1 mV to 300 mV	0.35 % to 0.008 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi-Product Calibrator By Direct Method	300 mV to 1000 V	0.01 % to 0.006 %

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 47 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
62	ELECTRO-TECHNICAL-ELECTRICAL EQUIPMENT (Measure)	DC High Voltage	Using High Voltage with DMM By Direct Method	1 KV to 30 KV	6.9 % to 3.6 %
63	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple J-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1200 °C	0.47°C
64	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple K-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1372 °C	0.47°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	48 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
65	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple N-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	-200 °C to 1300 °C	0.47°C
66	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple R-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	0 to 1767 °C	0.73°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	49 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
67	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple S-Type	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	0 to 1767 °C	0.42°C
68	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) Thermocouple T-Type	Using 61/2 DMM & Precision Temperature ScannerSimulation Method	-250 °C to 400 °C	0.42°C
69	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	Temperature Simulation (Temperature Indicator/ Recorder/ Controller/Data Logger / Scanner / Calibrator/ Transmitter/ PID/ Process Meter) PT 100 ohm	Using 61/2 DMM & Precision Temperature Scanner Simulation Method	- 200 °C to 800 °C	0.26°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	50 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
70	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J-Type Thermocouple	Using Temperature Source Simulation by Direct Method	-210 °C to 1200 °C	0.47°C
71	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K-Type Thermocouple	Using Multi Product Calibrator / Temperature Source Simulation Method	-200 °C to 1372 °C	0.47°C
72	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	N-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	-200 °C to 1300 °C	0.49°C
73	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	0 °C to 1767 °C	0.73°C
74	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S-Type Thermocouple	Using Using Multi Product Calibrator / Temperature Source Simulation Method Simulation Method	0 to 1767 °C	0.55°C
75	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	T-Type Thermocouple	Using Multi Product Calibrator / Temperature Source Simulation Method	-250 °C to 400 °C	0.73°C

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 51 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
76	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	Temperature calibration(RTD)PT 100 ohm	Using Multi Product Calibrator / Temperature Source Simulation Simulation Method	- 200 °C to 800 °C	0.3°C
77	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 61/2 DMM By Direct Method	10 Hz to 1 MHz	0.1 % to 0.02 %
78	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval / Stop Watch (Digital/ Analog)	Using Digital Timer By Comparison Method	>1800 S to 86400 s	1.3 % to 2.5 %
79	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time Interval / Stop Watch (Digital/ Analog)	Using Digital Timer By Comparison Method	1 S to 1800 S	2.2 % to 1.3 %
80	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3 V	Using Multi-Product Calibrator By Direct Method	50 Hz to 1 MHz	0.005 % to 0.005 %
81	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 3V	Using Multi-Product Calibrator By Direct Method	10 Hz to 50 Hz	0.015 % to 0.005 %

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	52 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
82	FLUID FLOW-FLOW MEASURING DEVICES	Liquid Flow meter /Liquid flow element	By Using Ultrosonic flow meter calibrator by comparision Method	2.0 m3/hr to 180 m3/hr	3.0%
83	MECHANICAL-ACCELERATION AND SPEED	Indicator of RPM Measurement (Non-Contact Type)	Using Digital Tachometer and Tachometer Calibrator by Comparison method	50 RPM to 60000 RPM	10 %rdg to 1.5 %rdg
84	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non-Contact Type)	Using Digital Tachometer and Tachometer Calibrator by Comparison method	50 RPM to 60000 RPM	10 %rdg to 1.5 %rdg
85	MECHANICAL-ACOUSTICS	Sound level Meter @1 kHz	Using Sound Calibrator by Direct Method	94 and 114 dB	0.64dB
86	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge L. C. 0.01/0.1 µm	Using Std. Foil by Comparison Method	10 µm to 707 µm	4.0µm
87	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube Mould	By Using Digital Vernier Caliper By Comparison Method	20 mm to 150 mm	50.0 µm

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 53 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C 0.01mm	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 100 mm	8.0µm
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Bore Gauge	Using Digital Calibration Tester by Comparison Method	0 to 2 mm	6.0 µm
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Caliper L.C. : 0.02mm	Using Slip Gauge set & Caliper Checker By Comparison Method	0 to 300 mm	15µm
91	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge	Using Slip Gauge Set, Grade 0 by Comparison Method	0 to 100 mm	4.9µm
92	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip Gauge Block by Comparison Method	0 to 100 mm	2.8 µm

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 54 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
93	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip Gauge Block set by Comparison Method	0 to 25 mm	1.5µm
94	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.001 mm	Using Slip gauge Block set by Comparison Method	0 mm to 50 mm	2.5 µm
95	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C. : 0.01 mm	Using Slip Gauge Block by Comparison Method	100 mm to 600 mm	7.6 µm
96	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 300 mm	9.0 µm
97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 450 mm	12 µm

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	55 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge LC: 0.01 mm	Using Slip Gauge Set, Caliper Checker, Surface by Comparison Method	0 to 600 mm	14.0µm
99	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer L.C. : 0.001 mm	Using Slip Gauge set with Accessories & caliper checker By Comparison Method	50 mm to 1000 mm	16 µm
100	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/ Digimatic Indicator LC: 0.001 mm	Using Dial Calibration Tester & Electronic Probe, Slip Gauge Set(Grade 0) By Comparison Method	0 to 10 mm	2.5µm
101	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge/ Digimatic Indicator LC: 0.001 mm	Using Dial Calibration Tester & Electronic Probe, Slip Gauge Set(Grade 0) By Comparison Method	0 to 50 mm	3.8 µm
102	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Flatness) garde 1 and above	Using Digital level Indicator (L.C.-0.01mm/m)	2000 X 2000 mm	2.4 Sq rt(L+W)/150(L+W in mm)

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	56 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
103	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 1000 mm	17µm
104	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 200 mm	7.0µm
105	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 450 mm	10µm
106	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper/ Dial/ Electronic Caliper L.C. : 0.01mm	Using Slip Gauge set & Caliper Checker by Comparison Method	0 to 600 mm	14µm
107	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog) - Hydraulic	Using Digital Pressure Gauge, multimeter by Comparison Method as per DKD – R6 – 1	0 to 30 bar	0.4bar

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	57 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
108	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge, Pressure Transmitter (Digital / Analog) - Hydraulic	Using Digital Pressure Gauge, multimeter by Comparison Method as per DKD – R6 – 1	0 to 700 bar	0.93bar
109	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Gauge/Magnehelic Gauge	Using Pressure Calibrator with hendheld Pump By Comparison Methodt	1 m bar to 1000 mbar	1.38mbar
110	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-0.01 mg & coarser	Using E1 class standard weights	0 g to 92 g	0.3mg
111	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-0.1 mg & coarser	Using E1 class standard weights	>92 g to 220 g	0.9mg
112	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-1 mg & coarser	Using E2 class standard weights	>220 g to 3 Kg	10mg
113	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-10 mg & coarser	Using E2 class standard weights	>3 Kg to 10.1 Kg	10mg

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	58 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
114	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-100 g & coarser	Using E2 class standard weights	>35 kg to 100 kg	9.1g
115	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-100mg & coarser	Using E2 class standard weights	>10.1 Kg to 35 Kg	50.0mg
116	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class I and coarser) Readability-10 g & coarser	Using F1 class standard weights	>100 kg to 500 kg	40.0g
117	MECHANICAL-WEIGHING SCALE AND BALANCE	Electronic Weighing Balance (Class IIi and coarser) Readability-100 g & coarser	Using F1 class standard weights	>500 kg to 1000 kg	76.0g
118	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer/ Humidity Meter/Digital Hygrometer/Thermo-Hygrometer/Data Logger	Using Precision Standard Hygrometer/ Temperature & Humidity Chamber By Comparison Method	10 °C to 50 °C @ 50 % RH	0.9°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	59 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
119	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	10 °C to 50 °C @ 50 % RH	0.9°C
120	THERMAL-SPECIFIC HEAT & HUMIDITY	Indicator of Humidity Chamber/ Environmental Chamber/ Humidity Generator	Using Precision Standard Hygrometer By Comparison Method	12 % RH to 95 % RH @ 25 °C	1.6% RH
121	THERMAL-TEMPERATURE	Glass Thermometer	Using 4-wire RTD /SPRT with Precision Temperature Scanner Oil Temperature Bath by Comparison Method	50 °C to 250 °C	0.6°C
122	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber/ Ovens	Using SPRT with Indicator High Precision Temperature Scanner by Comparison Method	- 80 °C to 660 °C	1.6°C
123	THERMAL-TEMPERATURE	Calibration of Liquid Baths/ Dry Block Calibrators / Chamber/ Ovens	Using S type Thermocouple/ High Precision Temperature Scanner by Comparison Method	>660 °C to 1200 °C	1.9°C

SCOPE OF ACCREDITATION

Laboratory Name : CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-3096 **Page No** 60 of 62

Validity 09/01/2022 to 08/01/2024 **Last Amended on** 26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
124	THERMAL-TEMPERATURE	FREEZER COLD CHAMBER, OVEN, ENVIRONMENT CHAMBER, INDUSTRIAL FURNACE/SPATIAL THERMAL MAPPING	MULTI CHANNEL DATA LOGGER WITH N type T/C /MULTI POSITION CALIBRATION AT LEAST 9 SENSORS	>100 °C to 600 °C	4.9°C
125	THERMAL-TEMPERATURE	FREEZER COLD CHAMBER, OVEN, ENVIRONMENT CHAMBER, INDUSTRIAL FURNACE/SPATIAL THERMAL MAPPING	MULTI CHANNEL DATA LOGGER WITH N type T/C MULTI POSITION CALIBRATION AT LEAST 9 SENSORS	>600 °C to 1200 °C	6.5°C
126	THERMAL-TEMPERATURE	FREEZER COLD CHAMBER, OVEN, ENVIRONMENT CHAMBER, INDUSTRIAL FURNACE/SPATIAL THERMAL MAPPING	MULTI CHANNEL DATA LOGGER WITH RTD with Indicator MULTI POSITION CALIBRATION AT LEAST 9 SENSORS	-15 °C to 100 °C	4.5°C
127	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using 4-wire RTD & High Precision Temperature Scanner Low Temperature Bath by Comparison Method	- 15 °C to 100 °C	0.6°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	61 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
128	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter	Using SPRT & High Precision Temperature Scanner Metrology Well by Comparison Method	>250 °C to 600 °C	1.74°C
129	THERMAL-TEMPERATURE	RTD'S Thermocouples with and without Indicator / Data logger / Recorder Temperature Gauge, Digital Thermometer, Temperature Transmitter, Temperature Switches	Using SPRT & S Type thermo-couple with Precision Temperature Scanner & Dry Block Furnace by Comparison Method	>600 °C to 1200 °C	2.17°C
130	THERMAL-TEMPERATURE	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven *)(*For Non Medical Devices)	Using S Type Thermo-couple with Precision Temperature Scanner by Single Position Calibration	> 660 °C to 1200 °C	2.17°C

SCOPE OF ACCREDITATION

Laboratory Name :	CALYSS CALIBRATION AND TESTING PVT. LTD., F - 40, SECTOR -9, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-3096	**Page No**	62 of 62
Validity	09/01/2022 to 08/01/2024	**Last Amended on**	26/04/2022

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
131	THERMAL-TEMPERATURE	Temperature Indicator/controller with sensor of (Dry Block Furnace / Muffle Furnace, Oven, Freezers, Incubator*)(*For Non Medical Devices)	Using SPRT with Precision Temperature Scanner by Single Position Calibration	- 80 °C to 660 °C	0.6°C

*** CMCs represent expanded uncertainties expressed at approximately the 95% level of confidence, using a coverage factor of k = 2.**