National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	1 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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 Active Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 Wh to 900 Wh	0.37 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 Wh to 5.4 kWh	0.44 % to 0.49 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 W to 1.8 kW	0.54 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 W to 5.4 kW	0.27 % to 0.24 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	2 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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 Apparent Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	25 VAh to 1.8 kVAh	0.31 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	75 VA to 5.4 kVAh	0.29 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	25 VA to 1.8 kVA	0.33 % to 0.39 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	75 VA to 5.4 kVA	0.27 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	10 mA to 1 A	0.32 % to 0.26 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	3 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)	AC Current @ 50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	100 µA to 10 mA	0.38 % to 0.32 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.26 % to 0.40 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM With AC High Voltage Source By Comparison Method	1 kV to 40 kV	3.54 % to 5.65 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM By Direct Method	1 kV to 40 kV	4.5 % to 5.65 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 VArh to 1.44 kVArh	0.29 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	4 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)	AC Reactive Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 VArh to 4.32 KVArh	0.29 % to 0.30 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 VAr to 1.44 kVAr	0.52 % to 0.45 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 VAr to 4.32 KVAr	0.27 % to 0.26 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.73 % to 0.12 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	2 mV to 100 mV	2.42 % to 0.73 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	5 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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) (Measure)	Capacitance @ 1 kHz	Using LCR Meter by Direct Method	10 nF to 100 nF	2.91 % to 2.81 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter by Direct Method	1 mH to 1000 mH	0.44 % to 0.39 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	0.1 PF to 1 PF	0.009 PF
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	0.1 PF to 1 PF	0.009 PF
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator with Current Coil by Direct Method	20 A to 1000 A	1.91 % to 1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	6 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	0.2 mA to 10 mA	1.02 % to 0.26 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	1 A to 10 A	0.40 % to 0.43 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	10 mA to 1 A	0.26 % to 0.40 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	100 mV to 20 V	1.4 % to 0.32 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	20 V to 1000 V	0.32 % to 0.25 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	1 nF to 100 nF	1.3 % to 1.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	7 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	100 nF to 100 µF	1.2 % to 1.22 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	100 µH to 1000 mH	2.93 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance @ 1 kHz	Using Decade Resistance Box by Direct Method 4 Wire	1 ohm to 2 kohm	0.7 % to 0.35 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	1 mA to 10 A	0.64 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter and Shunt by V/I Method	10 A to 60 A	5.9 % to 1.65 %

SCOPE OF ACCREDITATION

Laboratory Name : ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2632 **Page No** 8 of 92

Validity 17/11/2024 to 16/11/2028 **Last Amended on** 06/11/2025

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)(±)
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM With DC High Voltage Source By Comparison Method	1 kV to 40 kV	2.76 % to 4.25 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM By Direct Method	1 kV to 40 kV	4.2 % to 4.25 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.42 % to 0.07 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.07 % to 0.06 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6 ½ Digit Multimeter by Direct Method	1 kohm to 100 Mohm	0.7 % to 1.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	9 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using 6 ½ Digit Multimeter by Direct Method 4 Wire	1 ohm to 1 kohm	0.7 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mA to 20 mA	0.66 % to 0.16 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator with current coil by Direct Method	20 A to 1000 A	1.98 % to 1.1 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 10 A	0.16 % to 0.24 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	1 mohm	0.16 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	1 ohm	0.14 %

SCOPE OF ACCREDITATION

Laboratory Name : ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2632 **Page No** 10 of 92

Validity 17/11/2024 to 16/11/2028 **Last Amended on** 06/11/2025

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)(±)
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	10 µohm	0.75 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 wire)	Using Low Resistance Standard Box by Direct Method	10 mohm	0.15 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	100 µohm	0.67 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	100 mohm	0.15 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	50 µohm	1.34 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	1 kohm to 1 Mohm	0.71 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	11 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	1 Mohm to 100 Mohm	0.15 % to 1.15 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	100 Mohm to 1000 Mohm	1.15 % to 2.37 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 1 kohm	1.4 % to 0.71 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mV to 200 mV	0.32 % to 0.13 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 1000 V	0.13 % to 0.25 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	1 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	12 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	10 Mohm	2.8 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	200 Mohm	4.1 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	13 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	50 Gohm	8.2 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	1 Gohm	5.3 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	10 Mohm	2.8 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	14 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	200 Mohm	4.3 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	50 Gohm	8.1 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	10 Mohm	2.81 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	15 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	1 Gohm	4.1 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	200 Mohm	4.1 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	16 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	50 Gohm	10.5 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
85	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B Type Thermocouple	Using Universal Calibrator By Direct Method	600 °C to 1700 °C	0.91 °C
86	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 750 °C	0.5 °C
87	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 1200 °C	0.82 °C
88	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	17 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
89	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Universal Calibrator By Direct Method	(-) 200 °C to 600 °C	0.36 °C
90	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C
91	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B Type Thermocouple	Using Universal Calibrator By Direct Method	600 °C to 1700 °C	0.91 °C
92	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 750 °C	0.5 °C
93	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 1200 °C	0.72 °C
94	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	18 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
95	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Universal Calibrator By Direct Method	(-) 200 °C to 600 °C	0.33 °C
96	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C
97	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6 ½ Digit Multimeter by Direct Method	45 Hz to 1000 Hz	1.5 % to 0.13 %
98	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	3000 s to 57600 s	1.82 s to 50.2 s
99	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	5 s to 3000 s	0.35 s to 1.82 s
100	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 1 V	Using 5½ MFC by Direct Method.	45 Hz to 1000 Hz	0.2 % to 0.02 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	19 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-ACCELERATION AND SPEED	Tachometer (Contact & Non Contact Mode)	Using Rotating Source & Digital Tachometer By Comparison Method	100 rpm to 5000 rpm	5.28 rpm
102	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Contact & Non Contact Mode)	Using Rotating Source & Digital Tachometer By Comparison Method	18 rpm to 100 rpm	3.12 rpm
103	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Mode)	Using Rotating Source & Digital Tachometer By Comparison Method	5000 rpm to 50000 rpm	33.86 rpm
104	MECHANICAL-ACCELERATION AND SPEED	Tachometer (Non Contact Mode)	Using Rotating Source & Digital Tachometer By Comparison Method	50000 rpm to 90000 rpm	61.51 rpm
105	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter / Vibration Sensor Acceleration	Using Vibration Meter Calibrator by comparison method	2 m/s2 pk to 50 m/s2 pk	3.54 m/s2
106	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter / Vibration Sensor Displacement	Using Vibration Meter Calibrator by comparison method	100 µm pk-pk to 1000 µm pk-pk @ 10 Hz to 1 kHz	39 µm
107	MECHANICAL-ACCELERATION AND SPEED	Vibration Meter / Vibration Sensor Velocity	Using Vibration Meter Calibrator by comparison method	2 mm/s RMS to 50 mm/s RMS @ 10 Hz to 1 kHz	5.2 mm/s
108	MECHANICAL-ACOUSTICS	Sound Level Meter @ 1 kHz	Using Sound Calibrator by Comparison Method	94 dB & 114 dB	1.28 dB

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	20 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
109	MECHANICAL-DENSITY AND VISCOSITY	Density Hydrometer, Alcometer, Baume Hydrometer , Brix Hydrometer, Lactometer, Specific Gravity Hydrometer, Twaddle Hydrometer.	Using Precision Balance (Readability: 0.0001 g) by Hydrostatic Weighing (Cuckow's) Method as per NIST SP 250-78	0.6 g/ml to 2.0 g/ml	0.0025 g/ml
110	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Aggregate Impact Value Test Apparatus (Fall Height)	Using Vernier Caliper, Height Gauge By Direct Method	0 to 400 mm	40.7 µm
111	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Aggregate Impact Value Test Apparatus (Cup Diameter)	Using Vernier Caliper By Direct Method	0 to 150 mm	44.3 µm
112	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle / Degree Protractor (Digital / Analog) L.C 0.01º	Using Angle Slip Gauge Set by Comparison method	0 to 90 º	0.43 min

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	21 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
113	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor (Digital / Analog) L.C 30"	Using Angle Slip Gauge Set by Comparison method	0 to 90°	0.43 min
114	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Dial / Digital) for transmission error L.C. 0.001 mm	Dial Calibration Tester, Master Plunger type Dial Gauge by Comparison method	0 to 1 mm	2 µm
115	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	CBR Mould/Marshall Mould/Cylindrical Mould / Cylinder (Diameter)	Using Vernier Caliper By Direct Method	0 to 150 mm	43.8 µm
116	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	CBR Mould/Marshall Mould/Cylindrical Mould / Cylinder (Height)	Using Vernier Caliper , Height Gauge By Direct Method	0 to 300 mm	41.6 µm
117	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	CBR Mould/Marshall Mould/Cylindrical Mould / Cylinder (Thickness)	Using Vernier Caliper By Direct Method	0 to 6 mm	38.4 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	22 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
118	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Clinometer / Inclinometer L.C 5"	Using Angle Slip Gauge Set by comparison method	0 ° to 90 °	4.2 min
119	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (Analog / Digital)	Using standard Foil by comparision method	0 to 12 mm	4 µm
120	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Combination Set / Degree Protector L.C 1°	Using Angle Slip Gauge Set by Comparison method	0 to 90°	38 min
121	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator With Stand (Flatness)	Using Slip Gauge Set, Plunger Type Dial Gauge, Surface Plate by Comparison Method	200*200 mm	6.5 µm
122	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Core Cutter (Diameter & Height)	Using Height Gauge , Vernier Caliper by Comparison Method	up to 200 mm	38 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	23 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
123	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cross Hatch Cutter	Using Profile Projector by comparison method	0 to 4 mm	15 µm
124	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cube / Beam Mould (Length, width, depth)	using Digital Vernier Caliper by direct method	up to 750 mm	66.5 µm
125	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge (Digital / Analog) L.C. 0.01 mm	Using Gauge Block Set , Long Gauge Block Set by Comparison method	0 to 600 mm	13.5 µm
126	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (Digital / Analog) L.C: 0.01 mm	Using Gauge Block Set by Comparison method	0 to 25 mm	8.0 µm
127	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (Digital / Analog) L.C: 0.001 mm	using Slip Gauge Set By comparison method	0 to 25 mm	0.8 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	24 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (Digital / Analog) L.C: 0.001 mm & Coarser	using Slip Gauge Set By comparison method	0 to 10 mm	0.8 µm
129	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Vernier Caliper L.C. 0.01 mm	Using Caliper Checker , Slip Gauge Set , Long Slip Gauge Set, By Comparison Method	0 to 1500 mm	16.9 µm
130	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Elongation Gauge (Gauge Length)	Using Digital Vernier Caliper by Comparison Method	14.7 mm to 81 mm	46.3 µm
131	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Digital, simple, Point, Blade, Ball, Flange, Groove, Disc,) L.C: 0.001 mm & Coarser	Using Gauge Block Set , Long Slip gauge Set by Comparison method	0 to 100 mm	1.1 µm
132	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Digital, simple, Point, Blade, Ball, Flange, Groove, Disc,) L.C: 0.001 mm & Coarser	Using Gauge Block Set , Long Slip gauge Set by Comparison method	100 mm to 700 mm	6.93 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	25 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
133	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Digital, simple, Point, Blade, Ball, Flange, Groove, Disc,) L.C: 0.01 mm	Using Gauge Block Set , Long Slip gauge Set by Comparison method	700 mm to 1000 mm	13 µm
134	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Dial Gauge & Comparator Stand by comparison method	0 to 1 mm	3.5 µm
135	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Fillet welding gauge (throat size, leg length, convex weld size)	Using profile Projector by comparison method	0 to 35 mm	14.8 µm
136	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Flakiness Gauge	using Profile Projector by comparison method	4.89 mm to 33.90 mm	8.4 µm
137	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Foils (Film / Plastic)	Digital Dial Gauge & Comparator Stand by comparison method	0 to 25 mm	4 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	26 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
138	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Vernier Caliper (Digital / Analog) L.C. 0.01 mm	Using Gauge Block by Comparison Method	2.5 mm to 300 mm	15 µm
139	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer / Stick Micrometer L.C. 0.001 mm (Overall Length)	Using Gauge Block Set, Long Gauge Block , Dial Gauge by Comparison	50 mm to 1000 mm	10.8 µm
140	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer / Stick Micrometer L.C. 0.001 mm Head	Using Gauge Block Set / Long Gauge Block / Dial Gauge by Comparison	50 mm to 63 mm	4.89 µm
141	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Le Chatelier Mould (Diameter & Height)	Using Vernier Caliper By Direct Method	0 to 30 mm	42.9 µm
142	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever type Dial Gauge L.C. 0.001 mm	mm Using Dial Calibration Tester by Comparison method	0 to 0.14 mm	1.8 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	27 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
143	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever type Dial Gauge L.C. 0.002	Using Dial Calibration Tester by Comparison method	0 to 0.2 mm	1.8 µm
144	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever type Dial Gauge L.C. 0.01 mm	Using Dial Calibration Tester by Comparison method	0 to 0.8 mm	6 µm
145	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Pin / Pin Gauge	Using Slip Gauge Set, Plunger Type Dial Gauge, Comparator Stand by Comparison Method	0.5 mm to 20 mm	1.54 µm
146	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape L.C: 1 mm	Using Scale & Tape Calibration Machine by comparison method	0 to 100 m	135.6 *sqrt L/1000 µm L in mm
147	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Metric Steel Tapes / Pie Tape	Using Scale and Tape Calibration Machine	0 to 50 m	135.6 *Sqrt L/1000 µm L in mm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	28 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
148	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Gauge Block Set , Long Slip gauge Set, Dial gauge by Comparison method	25 mm to 275 mm	8 µm
149	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Gauge Block Set , Long Slip gauge Set, Dial gauge by Comparison method	275 mm to 975 mm	8.3 µm
150	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper L.C: 0.1 mm	Using Slip Gauge Set by Comparison method	0 to 50 mm	71 µm
151	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge / OD Master	Using Slip Gauge, Long Slip Gauge, Plunger Type Dial Gauge & Comparator Stand by Comparison Method	3 mm to 200 mm	2.33 µm
152	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger type Dial / Digital Gauge L.C. 0.001 mm & Coarser	Dial Calibration Tester by Comparison method	0 to 25 mm	1.18 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	29 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
153	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger type Dial / Digital Gauge L.C. 0.01 mm	Gauge block set and comparator stand by comparison method	0 to 50 mm	8 µm
154	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Gauge / Template / Angle Block	Using Profile Projector By Comparison Method	0 to 180 º	36.3 min
155	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Gauge / Template / ID Gauge / OD Gauge (Length, Width)	Using Profile Projector by comparision method	0 to 200 mm	28 µm
156	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Profile Gauge / Template / OD Gauge / ID Gauge (Radius)	Using Profile Projector By Comparison Method	0 to 100 mm	13.8 µm
157	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge Set	Using Profile Projector by comparison method	R0.4 to R40	14.44 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	30 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
158	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sand Pouring Cylinder / Compaction Mould (Diameter/ Height)	Using Vernier Caliper & Height Gauge By Direct Method	0 to 400 mm	62.1 µm
159	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Scale L.C: 1 mm	Using Scale and Tape Calibration Machine by comparison method	0 to 2000 mm	135.6 *sqrt L/1000 µm, where L is in mm
160	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Scale of Soil Cone Penetrometer Scale L.C: 1 mm	Using Scale and Tape Calibration Machine	0 to 50 mm	135.6 µm
161	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Slump Cone Scale (Rod) L.C: 0.5 mm	Using Scale and Tape Calibration Machine	0 to 300 mm	164 µm
162	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge/Gap Gauge	Using Slip Gauge, Long Slip Gauge by Comparison Method	0 to 250 mm	3.92 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	31 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
163	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Spirit / frame Level L.C. 10 µm/m	Using Dial Indicator, Surface Plate & Movable Stage by Comparison Method	Up to 300 mm	10 µm
164	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Edge (Straightness of working faces)	Using Digital Dial Gauge with LC 0.0001 mm by comparison method	0 to 3000 mm	8 µm/m
165	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale L.C: 0.1 mm	Using Profile Projector by comparison method	0 to 30 mm	5.1 µm
166	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Seives	Using Profile Projector by comparison method	0.032 mm to 10 mm	4.9 µm
167	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Seives	Using Digital Vernier Caliper by comparison method	10 mm to 125 mm	42 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	32 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauge Set	Using Profile Projector by comparison method	0.25 mm to 42 mm	32 µm
169	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge L.C: 0.1 mm	Using Slip Gauge Set By comparison method	0 to 100 mm	133 µm
170	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Dial / Mechanical) L.C: 0.02 mm	Using Caliper Checker, Long Slip Gauge Set, Slip Gauge Set by Comparison method	0 to 1500 mm	19 µm
171	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set, Slip Gauge Set by Comparison method	0 to 1000 mm	16 µm
172	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Slip Gauge Set by Comparison method	0 to 600 mm	13.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	33 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
173	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Height Gauge (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set and Surface Plate by Comparison method	0 to 1000 mm	13.5 µm
174	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Height Gauge (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set and Surface Plate by Comparison method	0 to 600 mm	13.5 µm
175	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vicat Scale L.C: 1 mm	Using Scale and Tape Calibration Machine by comparison method	0 to 50 mm	135.6 µm
176	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Welding Gauge, Profile Templets / Impact Gauges / Thread Pitch Gauge (angle)	Using profile Projector by comparison method	0 to 60 °	47.6 min
177	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Woven Metallic & Glass Fiber Tape, Measuring Tape (Steel), Pie Tape, plastic Tape .	Using Scale and Tape Calibration Machine	0 to 50 m	393.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	34 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
178	MECHANICAL-DUROMETER	Rubber Hardness Shore A	Using Dial Calibration Tester by comparison method	0 to 100 Shore A	0.68 Shore A
179	MECHANICAL-DUROMETER	Rubber Hardness Shore D	Using Dial Calibration Tester by comparison method	0 to 100 Shore D	0.85 Shore D
180	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Pneumatic Pressure gauges, Magnehelic Gauge, Manometer, Transmitter readout device , transducer, switches, pressure indicators, recorder, differential pressure Gauge	Using Digital pressure Calibrator, Digital Multimeter by Comparison Method as per DKD -R-6-1	0 to 50 mbar	1.5 mbar
181	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Pressure Gauge, Transmitter readout device / Transducer, Switches, Differential Pressure Gauge	Using Digital Pressure Calibrator , Comparator Pump, Digital multimeter ,By Comparison Method Based on DKD R 6 1	0 to 600 bar	0.58 bar
182	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Vacuum gauges, transmitters read out device , (switches, transducer, indicator, recorders) vacuum indicators	Using Digital Vacuum Gauge & Hand Pump, Digital multimeter, By Comparison Method as per DKD R6 -1	(-) 0.8 bar to 0	0.018 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	35 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
183	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Pressure Gauge, Transmitter Readout device / transducer, Pressure Indicators with Transducer, Differential Pressure Gauge	Using Digital Pressure Gauge , Pressure Comparator Pump, By Comparison Method Based on DKD R 6 -1	0 to 2000 bar	5.75 bar
184	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter Read out device / Transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Comparator Pump, Digital multimeter ,By Comparison Method Based on DKD R 6-1	0 to 1000 bar	0.75 bar
185	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter read out device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator & Comparator Pump , Digital multimeter By Comparison Method Based on DKD R6 -1	0 to 70 bar	0.17 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	36 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
186	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter readout device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Comparator pump ,Digital multimeter By Comparison Method Based on DKD R 6 -1	0 to 350 bar	0.39 bar
187	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Transmitter readout device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator & Hand Pump, Digital multimeter By Comparison Method Based on DKD R6 1	0 to 10 bar	0.114 bar
188	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Magnehelic Gauge, Manometer, Transmitter readout device, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Hand pump, Digital multimeter By Comparison Method Based on DKD R6 1	0 to 980 mbar	8.15 mbar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	37 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
189	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Manometer, Transmitter with read out device , switches, pressure indicators, recorder, calibrators, differential pressure gaue	Using Digital Pressure Calibrator, Hand Pump, Digital multimeter By Comparison Method Based on DKD R6-1	0 to 2 bar	0.011 bar
190	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Transmitter read out device, transducer, switches, pressure indicators, recorder, differential pressure gauge,	Using Digital Pressure Calibrator, Hand Pump, Digital multimeter By Comparison Method Based on DKD R6 -1	0 to 30 bar	0.075 bar
191	MECHANICAL-TORQUE GENERATING DEVICES	Torque Tools / Torque Wrenches / Torque Meter Type 1 Class B,C Type II Class A, B & all Classes	Using Electronic Torque Sensor with Indicator & Motorized wrench calibration system as Per IS/ISO 6789 : Part 2 : 2017	0.2 Nm to 2000 Nm	0.68 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	38 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
192	MECHANICAL-VOLUME	Glassware (Pipettes, Volumatric Flask, Measuring Cylinder, Test Tubes, Burettes, Conical Flask, Dispensette, Density bottles , Glass Beaker)	Using Weighing Balance of d: 1 mg & distilled water, based on Gravimatric method as per IS 18235 : 2023 (ISO 4787 : 2021)	100 ml to 800 ml	0.06 ml
193	MECHANICAL-VOLUME	Glassware (Pipettes, Volumatric Flask, Measuring Cylinder, Test Tubes, Burettes, Conical Flask, Dispensette, Density bottles , Glass Beaker)	Using Weighing Balance of d: 10 mg & distilled water, based on Gravimatric method as per IS 18235 : 2023 (ISO 4787 : 2021)	1000 ml to 4000 ml	1.95 ml
194	MECHANICAL-VOLUME	Glassware (Pipettes, Volumatric Flask, Measuring Cylinder, Test Tubes, Burettes, Conical Flask, Dispensette, Density bottles, Glass Beaker)	Using Weighing Balance of d: 0.1 mg & distilled water, based on Gravimetric method as per IS 18235 : 2023 (ISO 4787 : 2021)	1 ml to 100 ml	0.06 ml
195	MECHANICAL-VOLUME	Micro Pipettes	Using Weighing Balance of d: 0.01 mg & distilled water, based on gravimetric method as per ISO 8655-6:2022(E)	20 µl to 50 µl	0.2 µl

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	39 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
196	MECHANICAL-VOLUME	Micro Pipettes	Using Weighing Balance of d: 0.01 mg & distilled water as per Gravimetric method as per ISO 8655-6:2022(E)	50 µl to 1000 µl	2.2 µl
197	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class1 & Coarser Readability : 0.1 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 200 g	0.0001 g
198	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class1 & Coarser Readability: 0.01 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 80 g	0.00003 g
199	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale & Balance (Class II & Coarser, Readability : 1 g)	Using F1 Class Standard Weights as per OIML R-76 -1	0 to 60 kg	0.65 g
200	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale & Balance (Class IIII & d =50 g)	Using M1 Class Standard Weights as per OIML-R-76	0 to 250 kg	58 g
201	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class II & Coarser d = 10 mg)	Using F1 class standard weights upto 50 kg as per OIML R-76	0.1 g to 6 kg	0.05 g

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	40 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
202	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class II & Coarser d = 1 mg)	Using F1 class standard weights upto 50 kg as per OIML R-76	50 mg to 1 kg	0.008 g
203	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class III & Coarser d = 0.1 g)	Using F1 class standard weights upto 50 kg as per OIML R-76	20 g to 20 kg	0.8 g
204	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class IIII & d = 20 g)	Using M1 Class Standard Weights as per OIML - R- 76	0 to 200 kg	28 g
205	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class IIII & d = 5 g)	Using F1 class standard weights upto 50 kg as per OIML R-76	100 g to 50 kg	3.4 g
206	MECHANICAL-WEIGHING SCALE AND BALANCE	Micro / Digital / Electronic Weighing Scale and Balance (Class1 & Coarser, Readability : 0.001 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 5 g	0.000007 g
207	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	1 g	0.03 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	41 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
208	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	1 g	0.03 mg
209	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	10 g	0.06 mg
210	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	10 g	0.06 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	42 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
211	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.1 mg) by substitution method through ABBA as per standard OIML R111-1	100 g	0.12 mg
212	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	2 g	0.03 mg
213	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	2 g	0.03 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	43 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
214	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	20 g	0.05 mg
215	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	20 g	0.06 mg
216	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.1 mg) by substitution method through ABBA as per standard OIML R111-1	200 g	0.13 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	44 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
217	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R-111-1	200 g	0.2 mg
218	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	5 g	0.05 mg
219	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per OIML R111-1	5 g	0.06 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	45 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
220	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	50 g	0.03 mg
221	MECHANICAL-WEIGHTS	Accuracy class F1 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	50 g	0.08 mg
222	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using F1 Class Standard Weights & Weighing Balance of readability 1 mg by substitution method through ABBA as per Standard OIML R111-1	1 kg	3 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	46 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
223	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	1 mg	0.011 mg
224	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	1 mg	0.02 mg
225	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	10 mg	0.013 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	47 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
226	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	10 mg	0.02 mg
227	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.1 mg by substitution method through ABBA as per Standard OIML R111-1	100 g	0.2 mg
228	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	100 mg	0.024 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	48 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
229	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per OIML R-111	100 mg	0.03 mg
230	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using F1 Class Weights & Weighing Balance of readability 10 mg by substitution method through ABBA as per Standard OIML R111-1	2 kg	10 mg
231	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	2 mg	0.010 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	49 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
232	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	2 mg	0.02 mg
233	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	20 mg	0.011 mg
234	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R-111-1	20 mg	0.02 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	50 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
235	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	200 mg	0.017 mg
236	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per OIML R-111	200 mg	0.03 mg
237	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using F1 Class Weights & Weighing Balance of readability 10 mg by substitution method through ABBA as per OIML R111-1	5 kg	20 mg
238	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	5 mg	0.013 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	51 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
239	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R-111-1	5 mg	0.02 mg
240	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	50 mg	0.02 mg
241	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per OIML R-111	50 mg	0.03 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	52 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
242	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using F1 Class Weights & Weighing Balance of readability 1 mg by substitution method through ABBA as per Standard OIML R111-1	500 g	3 mg
243	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E2 Class Weights & Weighing Balance of readability 0.01 mg by substitution method through ABBA as per Standard OIML R111-1	500 mg	0.03 mg
244	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	500 mg	0.04 mg

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	53 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
245	MECHANICAL-WEIGHTS	Accuracy class M1 & coarser	Using F1 Class Standard Weights & Weighing Balance of readability 0.1 g by substitution method through ABBA as per OIML R111-1	10 kg	100 mg
246	MECHANICAL-WEIGHTS	Accuracy class M1 & coarser	Using F1 Class Standard Weights & Weighing Balance of readability 0.1 g by substitution method through ABBA as per OIML R111-1	20 kg	200 mg
247	MECHANICAL-WEIGHTS	Accuracy class M2 & coarser	Using F1 Class Weights & Weighing Balance (Readability 1 g) by substitution method through ABBA as per standard OIML R111-1	50 kg	1000 mg
248	THERMAL-SPECIFIC HEAT & HUMIDITY	Hygrometer (Analog / Digital)	Using RH Temperature Indicator with sensor & Humidity Chamber by Comparison method	40 % rh to 90 % rh @ 25 °C	3.4 % rh

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	54 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
249	THERMAL-SPECIFIC HEAT & HUMIDITY	Thermo-hygrometer (Analog/Digital)	Using RH Temperature Indicator with sensor & Humidity Chamber by Comparison method	10 °C to 45 °C @ 50 % rh	0.5 °C
250	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using Refrigerated Liquid Bath, with master SSPRT with Indicator by comparison method	(-) 40 °C to 50 °C	0.6 °C
251	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using Liquid Bath, with master SSPRT with indicator by comparison method	50 °C to 250 °C	0.6 °C
252	THERMAL-TEMPERATURE	Radiation Pyrometer / Infrared Thermometer & Infrared Gun, Non Contact Thermometer, Infrared Sensor with Indicator	Using Black Body source and Non Contact Infrared Thermometer (Emissivity 0.95) by comparison method	50 °C to 500 °C	7.2 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	55 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
253	THERMAL-TEMPERATURE	RTDs/ Thermocouple with or without Indicators (Dial Thermometer, Temperature gauge,Transmitter, Recorder Scanner, Data Logger with sensor , Digital / Analog Thermometer)	Using Dry Bath with master SSPRT with indicator & 6½ Digit Multimeter by comparison method	> 250 °C to 600 °C	0.5 °C
254	THERMAL-TEMPERATURE	RTDs/ Thermocouple with or without Indicators (Dial Thermometer, Temperature gauge,Transmitter, Recorder Scanner, Data Logger, Digital / Analog Thermometer)	Using Liquid Temp Bath & master SSPRT with Indicator , 6½ Digit Multimeter by Comparison method	(-) 40 °C to 50 °C	0.34 °C
255	THERMAL-TEMPERATURE	RTDs/ Thermocouple with and without Indicators (Dial Thermometer, Temperature gauge, Transmitter Recorder Scanner, Data Logger ,Digital /Analog Thermometer)	Using Oil Bath with master SSPRT with indicator & 6½ Digit Multimeter by comparison method	> 50 °C to 250 °C	0.46 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	56 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
256	THERMAL-TEMPERATURE	Thermocouple With or Without Indicators / Recorder Scanner / Data logger, Digital / Analog Thermometer	Using S type thermocouple with Indicator , Dry bath & 6½ Digit Multimeter by Comparison Method	600 °C to 1200 °C	2.08 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	57 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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 Active Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 Wh to 900 Wh	0.37 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 Wh to 5.4 kWh	0.44 % to 0.49 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 W to 1.8 kW	0.54 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Active Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, UPF to 0.5 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 W to 5.4 kW	0.27 % to 0.24 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	58 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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 Apparent Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	25 VAh to 1.8 kVAh	0.31 %
6	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	75 VA to 5.4 kVAh	0.29 %
7	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	25 VA to 1.8 kVA	0.33 % to 0.39 %
8	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Apparent Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	75 VA to 5.4 kVA	0.27 %
9	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	10 mA to 1 A	0.32 % to 0.26 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	59 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)	AC Current @ 50 Hz to 1 kHz	Using 6 ½ Digit Multimeter by Direct Method	100 µA to 10 mA	0.38 % to 0.32 %
11	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digit Multimeter by Direct Method	1 A to 10 A	0.26 % to 0.40 %
12	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM With AC High Voltage Source By Comparison Method	1 kV to 40 kV	3.54 % to 5.65 %
13	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC High Voltage @ 50 Hz	Using HV Measurement Unit With DMM By Direct Method	1 kV to 40 kV	4.5 % to 5.65 %
14	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Energy (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 VArh to 1.44 kVArh	0.29 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	60 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)	AC Reactive Energy (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 VArh to 4.32 KVArh	0.29 % to 0.30 %
16	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	12.5 VAr to 1.44 kVAr	0.52 % to 0.45 %
17	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Reactive Power (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A, 0.5 PF to 0.8 PF (Lag/Lead)	Using Three Phase Reference Meter With Power Source By Comparison Method	37.5 VAr to 4.32 KVAr	0.27 % to 0.26 %
18	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.73 % to 0.12 %
19	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @ 50 Hz to 1 kHz	Using 6½ Digit Multimeter by Direct Method	2 mV to 100 mV	2.42 % to 0.73 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	61 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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) (Measure)	Capacitance @ 1 kHz	Using LCR Meter by Direct Method	10 nF to 100 nF	2.91 % to 2.81 %
21	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Inductance @ 1 kHz	Using LCR Meter by Direct Method	1 mH to 1000 mH	0.44 % to 0.39 %
22	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (1 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	0.1 PF to 1 PF	0.009 PF
23	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	Power Factor (Lag, Lead & Unity) (3 Phase) @ 50 Hz, 50 V to 300 V, 0.5 A to 6 A	Using Three Phase Reference Meter With Power Source By Comparison Method	0.1 PF to 1 PF	0.009 PF
24	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using 5½ Digit Multifunction Calibrator with Current Coil by Direct Method	20 A to 1000 A	1.91 % to 1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	62 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
25	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	0.2 mA to 10 mA	1.02 % to 0.26 %
26	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	1 A to 10 A	0.40 % to 0.43 %
27	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	10 mA to 1 A	0.26 % to 0.40 %
28	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	100 mV to 20 V	1.4 % to 0.32 %
29	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Voltage @ 50 Hz to 60 Hz	Using 5½ Digit Multifunction Calibrator by Direct Method	20 V to 1000 V	0.32 % to 0.25 %
30	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	1 nF to 100 nF	1.3 % to 1.2 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	63 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
31	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Capacitance @ 1 kHz	Using Decade Capacitance Box by Direct Method	100 nF to 100 µF	1.2 % to 1.22 %
32	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Inductance @ 1 kHz	Using Decade Inductance Box by Direct Method	100 µH to 1000 mH	2.93 %
33	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	Resistance @ 1 kHz	Using Decade Resistance Box by Direct Method 4 Wire	1 ohm to 2 kohm	0.7 % to 0.35 %
34	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter by Direct Method	1 mA to 10 A	0.64 %
35	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Current	Using 6 ½ Digit Multimeter and Shunt by V/I Method	10 A to 60 A	5.9 % to 1.65 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	64 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
36	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM With DC High Voltage Source By Comparison Method	1 kV to 40 kV	2.76 % to 4.25 %
37	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC High Voltage	Using HV Measurement Unit With DMM By Direct Method	1 kV to 40 kV	4.2 % to 4.25 %
38	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	1 mV to 100 mV	0.42 % to 0.07 %
39	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	DC Voltage	Using 6 ½ Digit Multimeter by Direct Method	100 mV to 1000 V	0.07 % to 0.06 %
40	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (2 Wire)	Using 6 ½ Digit Multimeter by Direct Method	1 kohm to 100 Mohm	0.7 % to 1.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	65 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
41	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance (4 wire)	Using 6 ½ Digit Multimeter by Direct Method 4 Wire	1 ohm to 1 kohm	0.7 %
42	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	1 mA to 20 mA	0.66 % to 0.16 %
43	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator with current coil by Direct Method	20 A to 1000 A	1.98 % to 1.1 %
44	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mA to 10 A	0.16 % to 0.24 %
45	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	1 mohm	0.16 %
46	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	1 ohm	0.14 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	66 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
47	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	10 µohm	0.75 %
48	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 wire)	Using Low Resistance Standard Box by Direct Method	10 mohm	0.15 %
49	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	100 µohm	0.67 %
50	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	100 mohm	0.15 %
51	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Low Resistance (4 Wire)	Using Low Resistance Standard Box By Direct Method	50 µohm	1.34 %
52	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	1 kohm to 1 Mohm	0.71 % to 0.15 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	67 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
53	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	1 Mohm to 100 Mohm	0.15 % to 1.15 %
54	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (2 Wire)	Using Decade Resistance Box by Direct Method	100 Mohm to 1000 Mohm	1.15 % to 2.37 %
55	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Resistance (4 Wire)	Using Decade Resistance Box by Direct Method	1 ohm to 1 kohm	1.4 % to 0.71 %
56	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	20 mV to 200 mV	0.32 % to 0.13 %
57	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using 5½ Digit Multifunction Calibrator by Direct Method	200 mV to 1000 V	0.13 % to 0.25 %
58	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	1 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	68 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
59	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
60	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	10 Mohm	2.8 %
61	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %
62	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	200 Mohm	4.1 %
63	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
64	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	69 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	50 Gohm	8.2 %
66	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 1000 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
67	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	1 Gohm	5.3 %
68	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
69	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	10 Mohm	2.8 %
70	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %

SCOPE OF ACCREDITATION

Laboratory Name : ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2632 **Page No** 70 of 92

Validity 17/11/2024 to 16/11/2028 **Last Amended on** 06/11/2025

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)(±)
71	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	200 Mohm	4.3 %
72	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
73	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %
74	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	50 Gohm	8.1 %
75	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 500 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
76	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	10 Mohm	2.81 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	71 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
77	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	1 Gohm	4.1 %
78	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	10 Gohm	4.1 %
79	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	100 Mohm	2.8 %
80	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	200 Mohm	4.1 %
81	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	25 Gohm	8.1 %
82	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	5 Gohm	4.1 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	72 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
83	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	50 Gohm	10.5 %
84	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	High Resistance @ 5000 V	Using High Resistance Jig by Direct Method	500 Mohm	4.1 %
85	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	B Type Thermocouple	Using Universal Calibrator By Direct Method	600 °C to 1700 °C	0.91 °C
86	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	J Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 750 °C	0.5 °C
87	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	K Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 1200 °C	0.82 °C
88	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	R Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	73 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
89	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD	Using Universal Calibrator By Direct Method	(-) 200 °C to 600 °C	0.36 °C
90	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	S Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C
91	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	B Type Thermocouple	Using Universal Calibrator By Direct Method	600 °C to 1700 °C	0.91 °C
92	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	J Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 750 °C	0.5 °C
93	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	K Type Thermocouple	Using Universal Calibrator By Direct Method	(-) 200 °C to 1200 °C	0.72 °C
94	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	R Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	74 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
95	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	RTD	Using Universal Calibrator By Direct Method	(-) 200 °C to 600 °C	0.33 °C
96	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Source)	S Type Thermocouple	Using Universal Calibrator By Direct Method	300 °C to 1750 °C	1.1 °C
97	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6 ½ Digit Multimeter by Direct Method	45 Hz to 1000 Hz	1.5 % to 0.13 %
98	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	3000 s to 57600 s	1.82 s to 50.2 s
99	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Time Calibrator by Comparison Method	5 s to 3000 s	0.35 s to 1.82 s
100	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency @ 1 V	Using 5½ MFC by Direct Method.	45 Hz to 1000 Hz	0.2 % to 0.02 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	75 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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	FLUID FLOW-FLOW MEASURING DEVICES	Flow Meter, Liquid Flow Meter (Digital or Analog), Volume Flow rate (Water)	Using Hand Held Clamp on Type Ultrasonic Flow Meter by Comparison Method	1 m3/hr to 350 m3/hr	1.82 %
102	MECHANICAL-ACCELERATION AND SPEED	RPM Meter / Centrifuge RPM / RPM Source (Non-Contact)	Using Digital Tachometer by Comparison Method	50000 rpm to 90000 rpm	61.52 rpm
103	MECHANICAL-ACCELERATION AND SPEED	RPM Meter / Centrifuge RPM / RPM Source / RPM of Motor / Bitumen Apparatus Motor RPM/ (Non-Contact)	Using Digital Tachometer by Comparison Method	18 rpm to 100 rpm	3.12 rpm
104	MECHANICAL-ACCELERATION AND SPEED	RPM Meter /Centrifuge RPM / RPM Source / RPM of Motor / Vibration Table / Bitumen Apparatus/Cement Vibrating Machine RPM/RPM of Sieve Shaker/ RPM of Los Angeles Abrasion machine (Non-Contact)	Using Digital Tachometer by Comparison Method:	100 rpm to 5000 rpm	5.83 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	76 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
105	MECHANICAL-ACCELERATION AND SPEED	RPM Meter /Centrifuge RPM / RPM Source / RPM of Motor / Bitumen Apparatus Machine Motor RPM (Contact mode)	Using Digital Tachometer by Comparison Method	18 rpm to 100 rpm	3.12 rpm
106	MECHANICAL-ACCELERATION AND SPEED	RPM Meter /Centrifuge RPM /RPM Source / RPM of Motor / Bitumen Apparatus Motor RPM/ Cement Vibrating Machine RPM (Non-Contact)	Using Digital Tachometer by Comparison Method	5000 rpm to 50000 rpm	33.9 rpm
107	MECHANICAL-ACCELERATION AND SPEED	RPM Meter/Centrifuge RPM/ RPM Source / RPM of Motor/ Vibration Table / Cement Vibrating Machine RPM/ Bitumen Apparatus /RPM of Sieve Shaker/ RPM of Los Angeles Abrasion machine (Contact Mode)	Using Digital Tachometer by Comparison Method	100 rpm to 5000 rpm	5.83 rpm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	77 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Aggregate Impact Value Test Apparatus (Fall Height)	Using Vernier Caliper, Height Gauge By Direct Method	0 to 400 mm	40.7 µm
109	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Aggregate Impact Value Test Apparatus (Cup Diameter)	Using Vernier Caliper By Direct Method	0 to 150 mm	44.3 µm
110	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Vernier Caliper L.C. 0.01 mm	Using Caliper Checker , Slip Gauge Set , Long Slip Gauge Set, By Comparison Method	0 to 1500 mm	16.9 µm
111	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Extensometer L.C. 0.001 mm	Using Dial Calibration Tester with Micrometer Anvil L.C 0.2µm by comparison method	0 to 3 mm	11.1 µm
112	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate (Granite / Cast Iron)	Using Spirit Level by comparison method	1500 X 1500 mm	13.7Sq. root (L+W)/125 µm (Where L & W in mm)

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	78 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
113	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Tape & Scale Calibrator	using Long Gauge Block Set by comparison method	0 to 1000 mm	17.8 µm
114	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Dial / Mechanical) L.C: 0.02 mm	Using Caliper Checker, Long Slip Gauge Set, Slip Gauge Set by Comparison method	0 to 1500 mm	19 µm
115	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Caliper (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set, Slip Gauge Set by Comparison method	0 to 1000 mm	16 µm
116	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Height Gauge (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set and Surface Plate by Comparison method	0 to 1000 mm	13.5 µm
117	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vernier Height Gauge (Digital / Dial / Mechanical) L.C: 0.01 mm	Using Caliper Checker, Long Slip Gauge Set and Surface Plate by Comparison method	0 to 600 mm	13.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	79 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
118	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	LVDT / Displacement Device LC 0.01 mm	Using Slip Gauge set by comparison method	0 to 50 mm	84 µm
119	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	LVDT/ Displacement Device L.C: 0.001 mm	Using Slip Gauge By Comparision Method	0 to 25 mm	48 µm
120	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Microscope / Tool Maker / Magnification L.C: 0.001 mm	using glass scale by Comparison method	10 X to 100 X	0.7 %
121	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector (Linear) L.C: 0.001 mm	using Glass scale by comparison method	0 to 300 mm	10.77 µm
122	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector (Angular) L.C: 5''	using Angle Slip Gauges by Comparison method	0 to 360 °	2 min
123	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector - (Magnification)	Using Digital Vernier Caliper & Slip Gauge by comparisons method	10 X to 100 X	1.5 %
124	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Machine	Using Reference Test Block as per IS 1500 : Part 2 : 2021 (ISO 6506-2 : 2017)	HBW 5/750	1.7 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	80 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-HARDNESS TESTING MACHINES	Brinell Hardness Testing Machine	Using Reference Test Block as per IS 1500 : Part 2 : 2021 (ISO 6506-2 : 2017)	HBW 1/30	1 %
126	MECHANICAL-HARDNESS TESTING MACHINES	Brinell Hardness Testing Machine	Using Reference Test Block as per IS 1500 : Part 2 : 2021 (ISO 6506-2 : 2017)	HBW 10/3000	1.53 %
127	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell cum Brinell Hardness Testing Machine	Using Hardness Block by Indirect Method as per IS 1500 : Part 2 : 2021 (ISO 6506-2 : 2017)	HBW 2.5/187.5	1.2 %
128	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Testing Machine	Using Hardness Block by Indirect Method as per IS 1586 : Part 1 : 2018 (ISO 6508-1 : 2016), ASTM E18.	HRB	1.14 HRB
129	MECHANICAL-HARDNESS TESTING MACHINES	Rockwell Hardness Testing Machine	Using Hardness Block by Indirect Method as per IS 1586 : Part 1 : 2018 (ISO 6508-1 : 2016) , ASTM E18	HRC	1 HRC

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	81 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
130	MECHANICAL-IMPACT TESTING MACHINE	Impact Testing Machine (Charpy)	Using Clinometer, Load Cell, Measuring Tape, Stop Watch, Bevel Protector as per ISO 148 (Part 2 & 3)-2016 by Direct & Indirect Method	0 to 300 J	1.15 %
131	MECHANICAL-IMPACT TESTING MACHINE	Impact Testing Machine (Izod)	Using Clinometer, Load Cell, Measuring Tape, Stop Watch, Bevel Protector as per IS 3766 by Direct & Indirect Method	0 to 170 J	2.39 %
132	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Pneumatic Pressure gauges, Magnehelic Gauge, Manometer, Transmitter readout device , transducer, switches, pressure indicators, recorder, differential pressure Gauge	Using Digital pressure Calibrator, Digital Multimeter by Comparison Method as per DKD -R-6-1	0 to 50 mbar	1.5 mbar
133	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Pressure Gauge, Transmitter readout device / Transducer, Switches, Differential Pressure Gauge	Using Digital Pressure Calibrator , Comparator Pump, Digital multimeter ,By Comparison Method Based on DKD R 6 1	0 to 600 bar	0.58 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	82 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
134	MECHANICAL-PRESSURE INDICATING DEVICES	Dial / Digital Vacuum gauges, transmitters read out device , (switches, transducer, indicator, recorders) vacuum indicators	Using Digital Vacuum Gauge & Hand Pump, Digital multimeter, By Comparison Method as per DKD R6 -1	(-) 0.8 bar to 0	0.018 bar
135	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Pressure Gauge, Transmitter Readout device / transducer, Pressure Indicators with Transducer, Differential Pressure Gauge	Using Digital Pressure Gauge , Pressure Comparator Pump, By Comparison Method Based on DKD R 6 -1	0 to 2000 bar	5.75 bar
136	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter Read out device / Transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Comparator Pump, Digital multimeter ,By Comparison Method Based on DKD R 6-1	0 to 1000 bar	0.75 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	83 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
137	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter read out device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator & Comparator Pump , Digital multimeter By Comparison Method Based on DKD R6 -1	0 to 70 bar	0.17 bar
138	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure: Dial / Digital Hydraulic Pressure gauges, Transmitter readout device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Comparator pump ,Digital multimeter By Comparison Method Based on DKD R 6 -1	0 to 350 bar	0.39 bar
139	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Transmitter readout device / transducer, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator & Hand Pump, Digital multimeter By Comparison Method Based on DKD R6 1	0 to 10 bar	0.114 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	84 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Magnehelic Gauge, Manometer, Transmitter readout device, switches, pressure indicators, recorder, differential pressure gauge	Using Digital Pressure Calibrator, Hand pump, Digital multimeter By Comparison Method Based on DKD R6 1	0 to 980 mbar	8.15 mbar
141	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Manometer, Transmitter with read out device , switches, pressure indicators, recorder, calibrators, differential pressure gaue	Using Digital Pressure Calibrator, Hand Pump, Digital multimeter By Comparison Method Based on DKD R6-1	0 to 2 bar	0.011 bar
142	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure: Dial / Digital Pneumatic Pressure gauges, Transmitter read out device, transducer, switches, pressure indicators, recorder, differential pressure gauge,	Using Digital Pressure Calibrator, Hand Pump, Digital multimeter By Comparison Method Based on DKD R6 -1	0 to 30 bar	0.075 bar

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	85 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
143	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Compression Testing Machine, Load Testing Machine (Class-1)	Using proving ring of class I as per IS 1828 : Part 1 : 2022 (ISO 7500-1 : 2018)	200 kN to 3000 kN	0.83 %
144	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Load / CBR / Marshall / CTM / UTM / Uniaxial / Spring / Flexural / Point Load Testing Machine (Class-1) Compression Mode	Using Load Cell & proving ring of class I as per IS 1828 : 2022 (ISO 7500-1 : 2018)	10 kN to 1000 kN	1 %
145	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Load / CBR / Marshall / CTM / UTM / Uniaxial / Spring / Flexural / Direct Shear / MOR / Triaxial / Point Load Testing Machine (Class-1) Compression Mode	Using Load Cell & proving ring of class I as per IS 1828 : Part 1 : 2022 (ISO 7500-1 : 2018)	100 N to 50 kN	0.2 %
146	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Tensile / Universal / Uniaxial / Spring Testing Machine (Class-1) Tension Mode	Using Load Cell and proving ring of class I as per IS 1828 : Part 1 : 2022 (ISO 7500-1 : 2018)	2 kN to 50 kN	0.7 %

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	86 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
147	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	Tensile / Universal / Uniaxial / Spring Testing Machine (Class-1) Tension Mode	Using Load Cell and proving ring of class I as per IS 1828 : Part 1 : 2022 (ISO 7500-1 : 2018)	50 N to 2000 N	0.90 %
148	MECHANICAL-UTM, TENSION CREEP AND TORSION TESTING MACHINE	UTM /CTM/ Uniaxial / Spring / Flexural / Point Load Testing Machine (Class-1) Compression Mode	Using Load Cell & proving ring of class I as per ASTM E4	10 kN to 1000 kN	1 %
149	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class1 & Coarser Readability : 0.1 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 200 g	0.0001 g
150	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class1 & Coarser Readability: 0.01 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 80 g	0.00003 g
151	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale & Balance (Class II & Coarser, Readability : 1 g)	Using F1 Class Standard Weights as per OIML R-76 -1	0 to 60 kg	0.65 g

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-2632
Page No	87 of 92
Validity	17/11/2024 to 16/11/2028
Last Amended on	06/11/2025

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)(±)
152	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale & Balance (Class IIII & d =50 g)	Using M1 Class Standard Weights as per OIML-R-76	0 to 250 kg	58 g
153	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class II & Coarser d = 10 mg)	Using F1 class standard weights upto 50 kg as per OIML R-76	0.1 g to 6 kg	0.05 g
154	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class II & Coarser d = 1 mg)	Using F1 class standard weights upto 50 kg as per OIML R-76	50 mg to 1 kg	0.008 g
155	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class III & Coarser d = 0.1 g)	Using F1 class standard weights upto 50 kg as per OIML R-76	20 g to 20 kg	0.8 g
156	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class IIII & d = 20 g)	Using M1 Class Standard Weights as per OIML - R- 76	0 to 200 kg	28 g
157	MECHANICAL-WEIGHING SCALE AND BALANCE	Digital / Electronic Weighing Scale and Balance (Class IIII & d = 5 g)	Using F1 class standard weights upto 50 kg as per OIML R-76	100 g to 50 kg	3.4 g
158	MECHANICAL-WEIGHING SCALE AND BALANCE	Micro / Digital / Electronic Weighing Scale and Balance (Class1 & Coarser, Readability : 0.001 mg)	Using E1 Class Standard Weight Box as per OIML R-76 -1	1 mg to 5 g	0.000007 g

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	88 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
159	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	1 mg	0.011 mg
160	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	2 mg	0.010 mg
161	MECHANICAL-WEIGHTS	Accuracy class F2 & coarser	Using E1 Class Weights & Weighing Balance (Readability 0.01 mg) by substitution method through ABBA as per standard OIML R111-1	5 mg	0.013 mg
162	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity / Temperature Indicator/ Controller with sensor of Environment/ Climatic / Humidity Chamber	Using RH Temperature Indicator with sensor by Comparison Method	40 % rh to 90 % rh @ 25 °C	3.4 % rh

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	89 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
163	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity-Temperature Indicator / Controller with sensor of Environment/ Climatic / Humidity Chamber	Using RH Temperature Indicator with sensor by Comparison Method	10 °C to 45 °C @ 50 % rh	0.5 °C
164	THERMAL-TEMPERATURE	Deep Freezer, Refrigerator, Oven, Autoclave & Incubator at minimum 9 sensors (Multi-position) (Non-Medical purpose for Autoclave & Incubator)	Using data logger with PT - 100 sensor by comparison method	(-) 40 °C to 250 °C	3.41 °C
165	THERMAL-TEMPERATURE	Furnace	Using data logger with N type thermocouple (minimum 9 sensors) Multi-position Calibration	250 °C to 900 °C	9.9 °C
166	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using Refrigerated Liquid Bath, with master SSPRT with Indicator by comparison method	(-) 40 °C to 50 °C	0.6 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	90 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
167	THERMAL-TEMPERATURE	Liquid in Glass Thermometer	Using Liquid Bath, with master SSPRT with indicator by comparison method	50 °C to 250 °C	0.6 °C
168	THERMAL-TEMPERATURE	Radiation Pyrometer / Infrared Thermometer & Infrared Gun, Non Contact Thermometer, Infrared Sensor with Indicator	Using Black Body source and Non Contact Infrared Thermometer (Emissivity 0.95) by comparison method	50 °C to 500 °C	7.2 °C
169	THERMAL-TEMPERATURE	RTDs/ Thermocouple with or without Indicators (Dial Thermometer, Temperature gauge,Transmitter, Recorder Scanner, Data Logger with sensor , Digital / Analog Thermometer)	Using Dry Bath with master SSPRT with indicator & 6½ Digit Multimeter by comparison method	> 250 °C to 600 °C	0.5 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	91 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
170	THERMAL-TEMPERATURE	RTDs/ Thermocouple with or without Indicators (Dial Thermometer, Temperature gauge,Transmitter, Recorder Scanner, Data Logger, Digital / Analog Thermometer)	Using Liquid Temp Bath & master SSPRT with Indicator , 6½ Digit Multimeter by Comparison method	(-) 40 °C to 50 °C	0.34 °C
171	THERMAL-TEMPERATURE	RTDs/ Thermocouple with and without Indicators (Dial Thermometer, Temperature gauge, Transmitter Recorder Scanner, Data Logger ,Digital /Analog Thermometer)	Using Oil Bath with master SSPRT with indicator & 6½ Digit Multimeter by comparison method	> 50 °C to 250 °C	0.46 °C
172	THERMAL-TEMPERATURE	Temp. indicator / Controller / Thermostat with sensor of Temp Enclosure, chamber, Muffle Furnace, Oven , Furnaces, Dry Bath .	Using SSPRT sensor with Indicator by comparison method	>250 °C to 600 °C	0.5 °C

SCOPE OF ACCREDITATION

Laboratory Name :	ACME CALIBRATION INDIA PRIVATE LIMITED, 28, SARASWATI, AYODHYA NAGAR, NAGPUR, NAGPUR, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-2632	**Page No**	92 of 92
Validity	17/11/2024 to 16/11/2028	**Last Amended on**	06/11/2025

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)(±)
173	THERMAL-TEMPERATURE	Temp. indicator /Controller /Thermostat with sensor of water bath, deep freezer, Oven, Temp Enclosure, chamber, Refrigerator, Incubator ,BOD, COD, Hot Plate, Oil Bath , Autoclave(Non Medical Purpose only), (Single Position)	Using SSPRT sensor with Digital Thermometer by comparison method	(-) 50 °C to 250 °C	0.46 °C
174	THERMAL-TEMPERATURE	Temp. indicator, Controller with sensor of Temp Enclosure, chamber, Muffle Furnace, Furnaces, Dry Bath.	Using S Type Sensor with Indicator by Comparison Method	>600 °C to 1200 °C	3.1 °C
175	THERMAL-TEMPERATURE	Thermocouple With or Without Indicators / Recorder Scanner / Data logger, Digital / Analog Thermometer	Using S type thermocouple with Indicator , Dry bath & 6½ Digit Multimeter by Comparison Method	600 °C to 1200 °C	2.08 °C

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