



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AHMEDABAD TEXTILE INDUSTRY'S RESEARCH ASSOCIATION, DR. VIKRAM SARABHAI ROAD, P.O. AMBAWADI VISTAR, AHMEDABAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 10/12/2023 to 09/12/2025 **Last Amended on** 10/01/2024

S.No	Discipline / Group	Measurand or Reference Material/Type of instrument or material to be calibrated or measured / Quantity Measured /Instrument	Calibration or Measurement Method or procedure	Measurement range and additional parameters where applicable(Range and Frequency)	* Calibration and Measurement Capability(CMC)(±)
Permanent Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digital Multimeter by Comparison Method	1 A to 10 A	0.86 % to 0.26 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz	Using 6½ Digital Multimeter by Comparison Method	100 µA to 1 A	0.47 % to 0.86 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz	Using 6½ Digital Multimeter by Comparison Method	100 mV to 1000 V	0.122 % to 0.13 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multi product calibrator By Direct Method	1 A to 10 A	0.86 % to 0.26 %
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz	Using Multi product calibrator By Direct Method	100 µA to 1 A	0.47 % to 0.86 %



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6	ELECTRO-TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz	Using Multi product calibrator By Direct Method	100 mV to 1000 V	0.122 % to 0.13 %
7	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	Capacitance	Using 6½ Digital Multimeter by direct method	10 nF to 1 mF	6.0 % to 1.8 %
8	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digital Multimeter by Comparison Method	100 µA to 100 mA	0.096 % to 0.08 %
9	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digital Multimeter by Comparison Method	100 mA to 10 A	0.08 % to 0.22 %
10	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digital Multimeter by Comparison Method	100 mV to 100 V	0.01 % to 0.008 %
11	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digital Multimeter by Comparison Method	100 V to 1000 V	0.008 % to 0.0088 %



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12	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6½ Digital Multimeter by Direct Method	1 ohm to 100 kohm	1.4 % to 0.014 %
13	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using Using 6½ Digital Multimeter by Direct Method	10 Mohm to 100 Mohm	1.02 % to 1.04 %
14	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi product calibrator By Direct Method	100 µA to 100 mA	0.096 % to 0.08 %
15	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi product calibrator By Direct Method	100 mA to 10 A	0.08 % to 0.22 %
16	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi product calibrator By Direct Method	100 mV to 100 V	0.01 % to 0.008 %
17	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi product calibrator By Direct Method	100 V to 1000 V	0.008 % to 0.0088 %



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18	ELECTRO-TECHNICAL-DIRECT CURRENT (Source, Measure)	Resistance	Using Multi product calibrator By Direct Method	100 kohm to 10 Mohm	0.014 % to 0.08 %
19	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (PT-100)	Using 6½ Digital Multimeter by Direct Method	(-)200 °C to 600 °C	1.55°C
20	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digital Multimeter by Comparison Method	45 Hz to 100 kHz	0.022 % to 0.014 %
21	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Timer/ Stopwatch calibrator by Comparison Method	5 s to 24 hrs	0.54 s to 25.1 s
22	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi product calibrator By Direct Method	45 Hz to 100 kHz	0.022 % to 0.014 %
23	MECHANICAL-ACCELERATION AND SPEED	Centrifuge / RPM indicator	Using precision Digital Tachometer by direct method	10 rpm to 50 rpm	7.23%



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24	MECHANICAL-ACCELERATION AND SPEED	Centrifuge / RPM indicator	Using precision Digital Tachometer by direct method	50 rpm to 20000 rpm	2.1 %
25	MECHANICAL-ACCELERATION AND SPEED	Tachometer/RPM Meter(Contact)	Using precision Digital Tachometer& RPM Source By Comparison Method	10 rpm to 3000 rpm	7.23%
26	MECHANICAL-ACCELERATION AND SPEED	Tachometer/RPM Meter/Stroboscope (Non Contact)	Using precision Digital Tachometer& RPM Source By Comparison Method	10 rpm to 50 rpm	7.23%
27	MECHANICAL-ACCELERATION AND SPEED	Tachometer/RPM Meter/Stroboscope (Non Contact)	Using precision Digital Tachometer& RPM Source By Comparison Method	50 rpm to 90000 rpm	1.41%
28	MECHANICAL-ACOUSTICS	Sound Level Meter	Using Sound Calibrator Direct Method	94dB & 114 dB @ 1kHz	0.75dB
29	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Dial / Digital/ Analog) L.C.:0.01mm & Coarser	Using Slip Gauge Set and accessories By Comparison Method	0 mm to 300 mm	9 µm
30	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge LC 0.02 mm	Using Slip Gauge Set & Comparator with Stand by Comparison Method	0 mm to 30 mm	58µm



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31	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial/ Wobble Gauge (Analog/Dial/Digital) L.C.:0.001 mm	Using Slip Gauge Set & Comparator with Stand By Comparison Method	0 mm to 25 mm	3.1µm
32	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer L.C.: 0.001mm & Coarser	Using Slip Gauge Set and accessories By Comparison Method	0 mm to 25 mm	1.5µm
33	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Gauge (Dial/Digital) L.C.:0.001 mm & Coarser	Using Slip Gauge Set and accessories By Comparison Method	0 mm to 25 mm	2.7 µm
34	MECHANICAL-VOLUME	Burette	Using Digital Weighing Balance Readability: 0.01 mg and distilled water of known density as per ISO 4787	1 ml to 50 ml	117µl
35	MECHANICAL-VOLUME	Calibration of Piston Pipette	Using Digital Weighing Balance Readability: 0.001 mg and distilled water of known density as per ISO 8655-6	1 µl to 10 µl	0.8µl



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36	MECHANICAL-VOLUME	Calibration of Piston Pipette	Using Digital Weighing Balance Readability: 0.001 mg and distilled water of known density as per ISO 8655-6	10 µl to 100 µl	0.08µl
37	MECHANICAL-VOLUME	Calibration of Piston Pipette	Using Digital Weighing Balance Readability: 0.001 mg and distilled water of known density as per ISO 8655-6	100 µl to 1000 µl	3.7µl
38	MECHANICAL-VOLUME	Calibration of Piston Pipette	Using Digital Weighing Balance Readability: 0.001 mg and distilled water of known density as per ISO 8655-6	1000 µl to 5000 µl	3.7µl
39	MECHANICAL-VOLUME	Glass Pipette	Using Digital Weighing Balance Readability: 0.01 mg and distilled water of known density as per ISO 4787	1 ml to 25 ml	81µl



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40	MECHANICAL-VOLUME	Volumetric Flask/ Measuring Cylinder/ Beaker	Using Digital Weighing Balance Readability: 0.01/ 1 mg and distilled water of known density as per ISO 4787	>100 ml to 1000 ml	174µl
41	MECHANICAL-VOLUME	Volumetric Flask/ Measuring Cylinder/ Beaker	Using Digital Weighing Balance Readability: 0.01 mg / 1 mg and distilled water of known density as per ISO 4787	1 ml to 100 ml	174µl
42	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-I and Coarser d=0.01 mg	Using Standard Weights of E1 Class As per OIML R-76-1	>31 g to 200 g	0.27mg
43	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-II and Coarser d=10 mg	Using Standard Weights of F1 Class As per OIML R-76-1	>3.2 kg to 10 kg	30mg
44	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-III and Coarser d=1 g	Using Standard Weights of F1 Class As per OIML R-76-1	>10 kg to 50 kg	2g
45	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-I and Coarser d=0.001 mg	Using Standard Weights of E1 Class As per OIML R-76-1	1 mg to 31 g	0.024mg



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46	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-II and Coarser d=10 mg	Using Standard Weights of E1/ F1 Class As per OIML R-76-1	>200 g to 3200 g	15.52mg
47	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	1 g	0.004mg
48	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	1 mg	0.002mg
49	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	10 g	0.013mg



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50	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	10 mg	0.002mg
51	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 200 g of d=0.01 mg By ABBA method as per OIML R 111-1	100 g	0.053mg
52	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	100 mg	0.003mg
53	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	2 g	0.005mg



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54	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	2 mg	0.002mg
55	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	20 g	0.013mg
56	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	20 mg	0.003mg
57	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 200 g of d=0.01 mg By ABBA method as per OIML R 111-1	200 g	0.1mg



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58	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	200 mg	0.004mg
59	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	5 g	0.01mg
60	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	5 mg	0.002mg
61	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	50 mg	0.003mg



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62	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 31 g of d=0.001 mg By ABBA method as per OIML R 111-1	500 mg	0.004mg
63	MECHANICAL-WEIGHTS	calibration of E2 Class Weights and coarser	Using E1 Class Standard Weights and Digital Weighing Balance Up to 200 g of d=0.01 mg By ABBA method as per OIML R 111-1	50 g	0.029mg
64	MECHANICAL-WEIGHTS	Calibration of M1 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance Up to 1000 g of d=0.001 g By ABBA method as per OIML R 111-1	1 kg	3.6mg
65	MECHANICAL-WEIGHTS	Calibration of M1 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance Up to 3200 g of d=0.01 g By ABBA method as per OIML R 111-1	2 kg	18.2mg



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66	MECHANICAL-WEIGHTS	Calibration of M1 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance of readability 1 g By ABBA method as per OIML R 111-1	50 kg	1.38g
67	MECHANICAL-WEIGHTS	Calibration of M1 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance Up to 1000 g of d=0.001 g By ABBA method as per OIML R 111-1	500 g	2.9mg
68	MECHANICAL-WEIGHTS	Calibration of M2 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance of readability 1 g By ABBA method as per OIML R 111-1	20 kg	1.38g
69	MECHANICAL-WEIGHTS	Calibration of M3 Class Weights and coarser	Using F1 Class Standard Weights and Digital Weighing Balance of readability 1 g By ABBA method as per OIML R 111-1	10 kg	1.38g



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70	THERMAL-SPECIFIC HEAT & HUMIDITY	Humidity meter with sensor, Thermohygrometer at 25 °C	Using Fixed RH salt solution with digital temp/RH Indicator with sensor by comparison method	22 %rh to 95 %rh	2%rh
71	THERMAL-TEMPERATURE	Liquid in Glass Thermometer / Temperature Gauge, RTD Thermocouple with or without Indicator, Digital Thermometer	Using RTD sensor with Temperature Indicator & Portable Liquid Bath Circulators By Comparison Method	50 °C to 250 °C	0.21°C
72	THERMAL-TEMPERATURE	Liquid in Glass Thermometer/ Temperature Gauge, RTD , Thermocouple with or without Indicator, Digital Thermometer	Using RTD sensor with Temperature Indicator & Liquid Bath Circulators By Comparison Method	(-)-80 °C to 50 °C	0.21°C
73	THERMAL-TEMPERATURE	Thermometer, Temperature Gauge & RTD/Thermocouple with or without Indicator	Using RTD sensor with Temperature Indicator with Dry block By Comparison Method	250 °C to 400 °C	0.33°C
74	THERMAL-TEMPERATURE	Thermometer, Temperature Gauge, & Thermocouple with or without Indicator	Using R Type Thermocouple with Indicator and Dry Block Calibrator By Comparison Method	400 °C to 1200 °C	2.8°C



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Site Facility					
1	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @ 50 Hz	Using 6½ Digital Multimeter by Comparison Method	1 A to 10 A	0.86 % to 0.26 %
2	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Current @50 Hz	Using 6½ Digital Multimeter by Comparison Method	100 µA to 1 A	0.47 % to 0.86 %
3	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Measure)	AC Voltage @50 Hz	Using 6½ Digital Multimeter by Comparison Method	100 mV to 1000 V	0.122 % to 0.13 %
4	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @ 50 Hz	Using Multi product calibrator By Direct Method	1 A to 10 A	0.86 % to 0.26 %
5	ELECTRO-TECHNICAL-Alternating Current (< 1 GHz) (Source)	AC Current @50 Hz	Using Multi product calibrator By Direct Method	100 µA to 1 A	0.47 % to 0.86 %



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6	ELECTRO-TECHNICAL- Alternating Current (< 1 GHz) (Source)	AC Voltage @50 Hz	Using Multi product calibrator By Direct Method	100 mV to 1000 V	0.122 % to 0.13 %
7	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	Capacitance	Using 6½ Digital Multimeter by direct method	10 nF to 1 mF	6.0 % to 1.8 %
8	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digital Multimeter by Comparison Method	100 µA to 100 mA	0.096 % to 0.08 %
9	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Current	Using 6½ Digital Multimeter by Comparison Method	100 mA to 10 A	0.08 % to 0.22 %
10	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digital Multimeter by Comparison Method	100 mV to 100 V	0.01 % to 0.008 %
11	ELECTRO-TECHNICAL- DIRECT CURRENT (Measure)	DC Voltage	Using 6½ Digital Multimeter by Comparison Method	100 V to 1000 V	0.008 % to 0.0088 %



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12	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using 6½ Digital Multimeter by Direct Method	1 ohm to 100 kohm	1.4 % to 0.014 %
13	ELECTRO-TECHNICAL-DIRECT CURRENT (Measure)	Resistance	Using Using 6½ Digital Multimeter by Direct Method	10 Mohm to 100 Mohm	1.02 % to 1.04 %
14	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi product calibrator By Direct Method	100 µA to 100 mA	0.096 % to 0.08 %
15	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Current	Using Multi product calibrator By Direct Method	100 mA to 10 A	0.08 % to 0.22 %
16	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi product calibrator By Direct Method	100 mV to 100 V	0.01 % to 0.008 %
17	ELECTRO-TECHNICAL-DIRECT CURRENT (Source)	DC Voltage	Using Multi product calibrator By Direct Method	100 V to 1000 V	0.008 % to 0.0088 %



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18	ELECTRO-TECHNICAL-DIRECT CURRENT (Source, Measure)	Resistance	Using Multi product calibrator By Direct Method	100 kohm to 10 Mohm	0.014 % to 0.08 %
19	ELECTRO-TECHNICAL-TEMPERATURE SIMULATION (Measure)	RTD (PT-100)	Using 6½ Digital Multimeter by Direct Method	(-)200 °C to 600 °C	1.55°C
20	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Frequency	Using 6½ Digital Multimeter by Comparison Method	45 Hz to 100 kHz	0.022 % to 0.014 %
21	ELECTRO-TECHNICAL-TIME & FREQUENCY (Measure)	Time	Using Timer/ Stopwatch calibrator by Comparison Method	5 s to 24 hrs	0.54 s to 25.1 s
22	ELECTRO-TECHNICAL-TIME & FREQUENCY (Source)	Frequency	Using Multi product calibrator By Direct Method	45 Hz to 100 kHz	0.022 % to 0.014 %
23	MECHANICAL-ACCELERATION AND SPEED	Centrifuge / RPM indicator	Using precision Digital Tachometer by direct method	10 rpm to 50 rpm	7.23%



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24	MECHANICAL-ACCELERATION AND SPEED	Centrifuge / RPM indicator	Using precision Digital Tachometer by direct method	50 rpm to 20000 rpm	2.1 %
25	MECHANICAL-ACCELERATION AND SPEED	Tachometer/RPM Meter/Stroboscope (Non Contact)	Using precision Digital Tachometer& RPM Source By Comparison Method	10 rpm to 50 rpm	7.23%
26	MECHANICAL-ACCELERATION AND SPEED	Tachometer/RPM Meter/Stroboscope (Non Contact)	Using precision Digital Tachometer& RPM Source By Comparison Method	50 rpm to 90000 rpm	1.41%
27	MECHANICAL-ACOUSTICS	Sound Level Meter	Using Sound Calibrator Direct Method	94dB & 114 dB @ 1kHz	0.75dB
28	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-I and Coarser d=0.01 mg	Using Standard Weights of E1 Class As per OIML R-76-1	>31 g to 200 g	0.27mg
29	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-II and Coarser d=10 mg	Using Standard Weights of F1 Class As per OIML R-76-1	>3.2 kg to 10 kg	30mg
30	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-III and Coarser d=1 g	Using Standard Weights of F1 Class As per OIML R-76-1	>10 kg to 50 kg	2g



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31	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-I and Coarser d=0.001 mg	Using Standard Weights of E1 Class As per OIML R-76-1	1 mg to 31 g	0.024mg
32	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance of Class-II and Coarser d=10 mg	Using Standard Weights of E1/ F1 Class As per OIML R-76-1	>200 g to 3200 g	15.52mg
33	THERMAL-SPECIFIC HEAT & HUMIDITY	Internal Humidity Sensor with Indicator, Thermohygrometer at 25 °C	Using Digital Temp/RH indicator with sensor with fixed salt solution By Comparison Method	22 %rh to 95 %rh	2%rh
34	THERMAL-TEMPERATURE	Temperature Indicator with sensor of oven, Muffle furnace	Using SSPRT/RTD Indicator with Temperature Indicator & 6½ DMM & Liquid Bath Circulators By Comparison Method	50 °C to 250 °C	0.21°C
35	THERMAL-TEMPERATURE	Temperature Indicator with sensor of oven, Muffle furnace	Using R-Type thermocouple with Indicator with Dry Block Calibrator By Comparison Method	400 °C to 1200 °C	2.8°C



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36	THERMAL-TEMPERATURE	Temperature Indicator with sensor of oven, Muffle furnace, Incubator (Non- Medical Applications)	Using RTD sensor with Temperature Indicator & Dry block By Comparison Method	250 °C to 400 °C	0.21°C
37	THERMAL-TEMPERATURE	Temperature Indicator with sensor of oven, Muffle furnace, Water bath, Incubator (Non-Medical Applications), Deep Freezer ,COD, BOD (Non-Medical Applications), Refrigerator	Using RTD sensor with Temperature Indicator By Comparison Method	(-)-80 °C to 50 °C	0.21°C

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