



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**YOUNG ENGG & CALIBRATION SERVICES PRIVATE
LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

in the field of

CALIBRATION

Certificate Number: NABLC0826OD04923 (In lieu of CC-4009)

Issue Date: 03/08/2026

Valid Until: 02/08/2030

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED

Signed for and on behalf of NABL



Anita Rani
Director

Dr. Ramanand N. Shukla
Chief Executive Officer



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 1 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Calipers - Vernier / Dial / Digital (L.C.: 0.01 mm)	Using Gauge Block Set by Direct Method	0 to 300 mm	12 µm
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Calipers - Vernier / Dial / Digital (L.C.: 0.01 mm)	Using Gauge Block Set by Direct Method	300 mm to 600 mm	17.5 µm
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (L.C.: 0.0001 mm)	Using Thickness Foils by Direct Method	12 µm to 1442 µm	3.2 µm
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Gauge (L.C.: 0.01 mm)	Using Gauge Block Set & Long Slip by Direct Method	0 to 300 mm	11.1 µm



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923

Validity 03/08/2026 to 02/08/2030

Page No 2 of 16

Last Amended on 20/08/2026

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5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C.: 0.001 mm)	Using Gauge Block Set & Long Slip by Direct Method	0 to 300 mm	2.52 µm
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial / Digital Thickness Gauge (L.C.: 0.01 mm)	Using Gauge Block Set by Direct Method	0 to 25 mm	3.3 µm
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Elongation Gauge (Height & Gap)	Using Digital Caliper, Digital Micrometer by Direct Method	14.7 mm to 81 mm	22.6 µm
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Elongation Gauge - Pin Diameter	Using Digital Micrometer by Direct Method	Upto 6 mm	5 µm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Gauge Block Set by Direct Method	0 to 100 mm	1.8 µm



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923

Validity 03/08/2026 to 02/08/2030

Page No 3 of 16

Last Amended on 20/08/2026

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10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Gauge Block Set by Direct Method	100 mm to 300 mm	5.1 µm
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital Micrometer by Direct Method	0.02 mm to 1 mm	2.3 µm
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Film Applicator - Depth	Using Electronic Comparator by Direct Method	0.025 mm to 1 mm	2.3 µm
13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Flakiness Gauge	Using Digital Vernier Caliper by Direct Method	4.83 mm to 100 mm	26.28 µm
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Hegman Gauge	Using Electronic Comparator by Direct Method	0 to 100 µm	2.3 µm



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923

Validity 03/08/2026 to 02/08/2030

Page No 4 of 16

Last Amended on 20/08/2026

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	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.01 mm)	Using Gauge Block Set, Long Slip Gauge & Surface Plate by Direct Method	0 to 300 mm	12 µm
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal / Stick Micrometer (L.C.: 0.001 mm)	Using Gauge Block & Electronic Comparator by Comparison Method	50 mm to 350 mm	7.6 µm
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (L.C.: 0.1 mm)	Using Gauge Block Set by Direct Method	0 to 25 mm	57.8 µm
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Setting Rod	Using Gauge Block & Electronic Comparator by Comparison Method	>100 mm to 275 mm	1.58 µm
19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Setting Rod	Using Gauge Block & Electronic Comparator by Comparison Method	25 mm to 100 mm	0.96 µm



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923

Validity 03/08/2026 to 02/08/2030

Page No 5 of 16

Last Amended on 20/08/2026

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	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve	Using Vernier Caliper by Direct Method	5 mm to 125 mm	36.5 µm
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foil	Using Electronic Comparator with Probe & Surface Plate by Direct Method	0.01 mm to 2 mm	2.3 µm
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C.: 0.001 mm)	Using Gauge Block by Direct Method	0.5 mm to 100 mm	9.5 µm
23	MECHANICAL-VOLUME	Burette, Pipette - Graduated / One Mark	Using Distilled Water & Standard Electronic Balance of Readability 0.1 mg by Gravimetric Method as per ISO 4787 : 2021	0.01 ml to 100 ml	15 µl



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 6 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)(±)
24	MECHANICAL-VOLUME	Content Type Volumetric measure (Measuring Cylinder, Volumetric Flask, Pycnometer, Beaker, Conical Flask, Conical Measure, Flat Bottom Flask).	Using Standard Electronic Balance of Readability 0.001 g by Gravimetric Method as per ISO 4787 : 2021	>100 ml to 2000 ml	1 ml
25	MECHANICAL-VOLUME	Content type Volumetric measure (Measuring Cylinder, Volumetric flask, Pycnometer, Beaker, Conical flask, Conical measure, Flat Bottom flask).	Using Distilled Water & Electronic Balance of Readability 0.1 mg by Gravimetric Method as per ISO 4787 : 2021	1 ml to 100 ml	15 µl
26	MECHANICAL-VOLUME	Piston operated Pipette / Burette / Dilutor / Dispenser / Syringe (Non Medical Purpose Only)	Using Standard Electronic Balance of Readability 0.01 mg by Gravimetric Method as per ISO 8655-6 : 2022	>1 ml to 10 ml	0.224 µl
27	MECHANICAL-VOLUME	Piston operated Pipette / Burette / Dilutor / Dispenser / Syringe (Non Medical Purpose Only)	Using Standard Electronic Balance of Readability 0.01 mg by Gravimetric Method as per ISO 8655-6 : 2022	20 µl to 1000 µl	2.18 µl



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 7 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)($\pm$)
28	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 0.5 g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	Upto 5 kg	5.7 g
29	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 10g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	30 kg to 100 kg	40 g
30	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 5 g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	5 kg to 30 kg	7.6 g
31	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 0.01 mg & Coarser	Using E1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	61 g to 220 g	0.3 mg
32	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 0.01 mg & Coarser	Using E1 Class Weights by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	Up to 61 g	0.04 mg
33	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 1 mg & Coarser	Using F1 Class Weights by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	220 g to 3.2 kg	5.1 mg



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SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 8 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)($\pm$)
34	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 g	0.03 mg
35	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	10 g	0.035 mg
36	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 g	0.03 mg



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SCOPE OF ACCREDITATION

Laboratory Name : YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923

Validity 03/08/2026 to 02/08/2030

Page No 9 of 16

Last Amended on 20/08/2026

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)($\pm$)
37	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	20 g	0.04 mg
38	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	200 mg	0.02 mg
39	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	5 g	0.035 mg



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SCOPE OF ACCREDITATION

Laboratory Name : YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 10 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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40	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	50 g	0.05 mg
41	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (Capacity: 3 kg, Readability: 1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 kg	1.6 mg
42	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	1 mg	0.01 mg



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SCOPE OF ACCREDITATION

Laboratory Name : YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 11 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)(±)
43	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	10 mg	0.02 mg
44	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	100 g	0.22 mg
45	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	100 mg	0.02 mg



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SCOPE OF ACCREDITATION

Laboratory Name : YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 12 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)($\pm$)
46	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (Capacity: 3 kg, Readability: 1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 kg	3.15 mg
47	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	2 mg	0.01 mg
48	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	20 mg	0.02 mg



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SCOPE OF ACCREDITATION

Laboratory Name : YOUNG ENGG & CALIBRATION SERVICES PRIVATE LIMITED, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 13 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)($\pm$)
49	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability:0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	200 g	0.38 mg
50	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	5 mg	0.02 mg
51	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability:0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	50 mg	0.02 mg



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 14 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)(±)
52	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (Capacity: 3 kg, Readability: 1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	500 g	1.3 mg
53	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (Capacity: 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111-1	500 mg	0.03 mg



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 15 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 0.5 g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	Upto 5 kg	5.7 g
2	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 10g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	30 kg to 100 kg	40 g
3	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 5 g & Coarser	Using F1 Class Weight by Comparison Method as per IS 16514 (Part 1) : 2018	5 kg to 30 kg	7.6 g
4	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 0.01 mg & Coarser	Using E1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	61 g to 220 g	0.3 mg
5	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 0.01 mg & Coarser	Using E1 Class Weights by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	Up to 61 g	0.04 mg



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Accreditation Standard ISO/IEC 17025:2017

Certificate Number NABLC0826OD04923 **Page No** 16 of 16

Validity 03/08/2026 to 02/08/2030 **Last Amended on** 20/08/2026

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)(±)
6	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance, Accuracy Cass I, Readability 1 mg & Coarser	Using F1 Class Weights by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	220 g to 3.2 kg	5.1 mg

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