National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4009 **Page No** 1 of 16

Validity 03/08/2024 to 02/08/2026 **Last Amended on** 21/09/2024

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	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

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	2 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
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	5 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	Up to 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

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	3 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
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

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	4 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (L.C.: 0.01 mm)	Using Gauge Block Set, 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	25 mm to 275 mm	4.5 µm
19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Test Sieve	Using Vernier Caliper by Direct Method	5 mm to 125 mm	36.5 µm

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	5 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foil	Using Electronic Comparator with Probe and Surface Plate by Direct Method	0.01 mm to 2 mm	2.3 µm
21	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
22	MECHANICAL-VOLUME	Burette, Pipette - Graduated / Non Graduated	Using E1 Class Standard Weights with Electronic Balance of Readability 0.01 mg / 0.1 mg by Gravimetric Method as per ISO 4787 : 2021	0.01 ml to 100 ml	15 µl
23	MECHANICAL-VOLUME	Content Type Volumetric Measure	Using E1 Class Standard Weights with Electronic Balance of Readability 0.01 mg / 0.1 mg by Gravimetric Method as per ISO 4787 : 2021	1 ml to 100 ml	15 µl

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4009
Page No	6 of 16
Validity	03/08/2024 to 02/08/2026
Last Amended on	21/09/2024

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)(±)
24	MECHANICAL-VOLUME	Content Type Volumetric Measure	Using F1 Class Standard Weights with 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	Pipette / Burette / Dilutor / Dispenser - Piston Operated, Syringe (Non Medical Purpose Only)	Using Electronic Balance of Readability 0.01 mg by Gravimetric Method as per ISO 8655 - 6 : 2022	1 ml to 10 ml	0.095 µl
26	MECHANICAL-VOLUME	Pipette / Burette / Dilutor / Dispenser - Piston Operated, Syringe (Non Medical Purpose Only)	Using Electronic Balance of Readability 0.01 mg by Gravimetric Method as per ISO 8655 - 6 : 2022	20 µl to 1000 µl	2.18 µl
27	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 0.5g & Coarser	Using F1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	Up to 5 kg	5.7 g
28	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 10g & Coarser	Using F1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	30 kg to 100 kg	40 g

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4009
Page No	7 of 16
Validity	03/08/2024 to 02/08/2026
Last Amended on	21/09/2024

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)(±)
29	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 5 g & Coarser	Using F1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	5 kg to 30 kg	7.6 g
30	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
31	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
32	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	2.2 mg
33	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	1 g	0.03 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4009
Page No	8 of 16
Validity	03/08/2024 to 02/08/2026
Last Amended on	21/09/2024

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)(±)
34	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	10 g	0.035 mg
35	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	2 g	0.03 mg
36	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	20 g	0.04 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4009
Page No	9 of 16
Validity	03/08/2024 to 02/08/2026
Last Amended on	21/09/2024

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)(±)
37	MECHANICAL-WEIGHTS	Accuracy class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability:0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	200 mg	0.02 mg
38	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	5 g	0.035 mg
39	MECHANICAL-WEIGHTS	Accuracy Class F1 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	50 g	0.05 mg

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4009 **Page No** 10 of 16

Validity 03/08/2024 to 02/08/2026 **Last Amended on** 21/09/2024

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)(±)
40	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (up to 3 kg, Readability:1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	1 kg	1.6 mg
41	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	1 mg	0.01 mg
42	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	10 mg	0.02 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	11 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
43	MECHANICAL-WEIGHTS	Accuracy class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	100 g	0.22 mg
44	MECHANICAL-WEIGHTS	Accuracy class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	100 mg	0.02 mg
45	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (up to 3 kg, Readability:1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	2 kg	2.2 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA
Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	CC-4009
Page No	12 of 16
Validity	03/08/2024 to 02/08/2026
Last Amended on	21/09/2024

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)(±)
46	MECHANICAL-WEIGHTS	Accuracy class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	2 mg	0.01 mg
47	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) as per OIML R 111-1 by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	20 mg	0.02 mg
48	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability:0.1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	200 g	0.38 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	13 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
49	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability: 0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	5 mg	0.02 mg
50	MECHANICAL-WEIGHTS	Accuracy class F2 & Coarser	Using E1 Class Weights with Electronic Balance (up to 220 g, Readability:0.01 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	50 mg	0.02 mg
51	MECHANICAL-WEIGHTS	Accuracy Class F2 & Coarser	Using F1 Class Weights with Electronic Balance (up to 3 kg, Readability:1 mg) by Substitution Method (ABBA Cycle) as per OIML R 111 - 1	500 g	1.3 mg

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	14 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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

SCOPE OF ACCREDITATION

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

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-4009 **Page No** 15 of 16

Validity 03/08/2024 to 02/08/2026 **Last Amended on** 21/09/2024

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)(±)
Site Facility					
1	MECHANICAL-WEIGHING SCALE AND BALANCE	Spring Balance, Accuracy Class III, Readability 0.5g & Coarser	Using F1 Class Weight by Comparison Method as per OIML R 76 - 1 & OIML R 76 - 2	Up to 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 OIML R 76 - 1 & OIML R 76 - 2	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 OIML R 76 - 1 & OIML R 76 - 2	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

SCOPE OF ACCREDITATION

Laboratory Name :	YOUNG ENGG & CALIBRATION SERVICES PVT LTD, 24/710, AIRPORT WIRELESS ROAD, BHIMPUR, KHURDA, BHUBANESWAR, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CC-4009	**Page No**	16 of 16
Validity	03/08/2024 to 02/08/2026	**Last Amended on**	21/09/2024

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)(±)
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	2.2 mg

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