



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name G.D INSTRUMENTS CALIBRATION CENTRE, F-46/47 & 51-55, FLORA TOWN MIDC AMBAD, NASHIK, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2043 Page No. : 1 / 17

Validity 03/03/2019 to 02/03/2021 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
Permanent Facility					
1	MECHANICAL-ACCELERATION AND SPEED	Tachometer Contact Type	50 rpm to 3000 rpm	4.6 rpm	Using Digital tachometer and rpm Source calibrator comparison method
2	MECHANICAL-ACCELERATION AND SPEED	Tachometer NonContact Type	60 rpm to 90000 rpm	8.5rpm	Using Tachometer and Stabilized rpm source Tachometer Calibrator by comparison method
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle Plate Square Angle / Try Square/ (Squareness)	300x300 mm	3.2µm	Using slip Gauge Block Granite Square & Granite by Comparison Method
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor Combination Set Angle Protractor LC : 1°	0° to 180°	37min of arc	Using Angle Gauge Block & Granite Surface Plate by Comparison Method
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor Combination Set Angle Protractor LC : 5 minutes	0 ° to 90 °	3.48min of arc	Using Angle Gauge Block & Granite Surface Plate by Comparison Method
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission Error) (L.C 0.001 mm)	0 to 2.5mm	5.3µm	Using Electronic Probe with DTC by Comparison Method



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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Calipers (Vernier/Dial/Digital) LC 0.01 mm	0 to 1000 mm	13.7µm	Using Caliper checker ,long slip gauge box by comparison method
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (Dial/ Digital) L.C-0.0001 & 0.001 mm	upto 2.0 mm	6.9µm	Using Master Foils by comparison method
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pin	0.5 to 20 mm	1.7µm	Using Comparator Stand with Electronic Probe & Gauge Block by Comparison method
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting Master / O.D. MasterHeight Block	0 to 100 mm	2.1µm	Using Comparator Stand with Electronic Probe & FCDM by Comparison Method
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth gauge. LC : 0.01 mm	0 to 600 mm	13.3µm	USing caliper checker , Long gauge block by Comparison method
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer. LC : 0.01mm	0 to 300 mm	13.2µm	Using Gauge Block Set & Surface Plate by Comparison Method



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13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Calibration Tester. LC : 0.0001mm	0 to 25 mm	3.0µm	Using Electronic Probe with DRO by Comparison Method
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge. LC : 0.001 mm	2 to 100mm	2.5µm	Using Gauge Block by Comparison Method
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge. LC : 0.001 mm	0 to 10mm	0.8µm	Using Gauge Block by Comparison Method
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Dial Gauge. LC : 0.001 mm	upto 50 mm	2.3µm	Using Comparator stand & Gauge Block Set, By Comparison method
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Electronic Probe With DRO & Comparator Stand. LC : 0.0001mm	0 to 25 mm	3.1µm	Using Comparator Stand with Slip Gauge Block Grade "0" by Comparison Method
18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers Square (Squareness)	300x300x60 mm	11.5µm	Using Granite Square & Gauge Block by Comparison Method



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19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer. LC : 0.001mm	0 to 150 mm	1.6µm	Using Gauge Block Set by Comparison Method
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer. LC : 0.01 mm	0 to 100 mm	6.3µm	Using Gauge Block Set by Comparison Method
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer. LC : 0.01 mm	100 to 500mm	8.8µm	Using Gauge Block Set by Comparison Method
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	0 to 2 mm	1.9µm	Using Comparator Stand with Electronic Probe & Standard Foils Set by Comparison method
23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ford Cup	B1 to B5	4.6Sec	Using Newtonian Liquid of Known Kinematic Viscosity & Timer for Calibration of Ford cups by determining the Flow Time
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height gauge. LC : 0.01 mm	0 to 1000 mm	13.4µm	Using Caliper checker surface plate ,long slip gauge block by comparison Method



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25	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal micrometer. LC : 0.01 mm	50 to 63 mm	6.2µm	Using Lab-Microcal LMC-600 & Caliper Checker by Comparison Method
26	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal micrometer. LC : 0.01mm	0 to 500 mm	11.8µm	Using Lab-Microcal LMC-600 & Caliper Checker by Comparison Method
27	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauge. LC : 0.001mm	0 to 0.14 mm	5.3µm	Using Electronic Probe with DTC by Comparison Method
28	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauge. LC : 0.002mm	0 to 0.20mm	5.4µm	Using Electronic Probe with DTC by Comparison Method
29	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauge. LC : 0.01mm	0 to 0.8mm	9.2µm	Using Electronic Probe with DTC by Comparison Method
30	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale	0 to 1000 mm	289.0µm	Using Scale & Tape Calibrator by comparison method



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31	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape / PI Tape(for each additional 0.5Mtr)	0 to 25 mtr	289 * Sqrt(L) where L is in mtr.	Using Scale & Tape Calibrator by Comparison method
32	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	25 to 100 mm	2.2 µm	Using Lab-Microcal LMC-600 & Slip Gauge by Comparison Method
33	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	100 to 475 mm	5.2µm	Using Lab-Microcal LMC-600 & Slip Gauge by Comparison Method
34	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper. LC : 0.1 mm	0 to 100 mm	76µm	Using Gauge Block by Comparison Method
35	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	1 to 100 mm	3.1µm	Using gauge Block Set & Electronic Probe with DRO by Comparison Method
36	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	100 to 200 mm	3.4µm	Using gauge Block Set & Electronic Probe with DRO by Comparison Method



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37	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain ring Gauge	2 to 300 mm	6.9µm	Using Lab-Microcal & Master Ring by Comparison Method
38	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge LC : 0.001 mm	0 to 1.0 mm	4.4µm	Using Dial Calibrato, by comparison method
39	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge. LC : 0.01mm	0 to 10 mm	7.1µm	Using Dial calibrator, by Comparison Method
40	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Precision Spirit Level/Square Level / Electronic Level LC : 0.01 mm/meter	0 to 300 mm	6.5µm	Using digital tilting table with arm & electronic level by comparison method
41	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Radius Gauge	0.5 to 25 mm	8.2µm	Using Vision Measuring System by Comparison Method
42	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Scale / Tape Calibration Unit. LC: 0.005 mm	0 to 1000 mm	12.2µm	Using Long Slip Gauge Blocks



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43	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Single Axis Measuring Machine. LC : 0.0001mm	0 to 100 mm	2.6µm	Using Gauge Block Set by Comparison Method
44	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	100 to 500 mm	5.7µm	Using Gauge Block by Comparison method
45	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	2 to 100 mm	1.4µm	Using Gauge Block by Comparison method
46	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Standard Foils of Coating Thickness Gauge	0.01 to 2 mm	1.9µm	Using Comparator Stand with Electronic Probe & Standard Foils Set by Comparison method
47	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	4000x4000 mm	3.0(sqrt(L+W)/100)	Using Electronic Level & by Comparison Method
48	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Plug Gauge Angle	5 to 50 mm	1.56min of arc	Using Lab-Microcal Roller Pin & Gauge Block Set by Comparison Method



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49	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Plug Gauge Maj. /Min. Diameter	5 to 50 mm	8.22µm	Using Lab-Microcal Roller Pin & Gauge Block Set by Comparison Method
50	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Ring Gauge Angle (Half Included Angle)	22° 30 min	2.41min of arc	Using Lab-Microcal & Master Ring by Comparison method
51	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Ring GaugeMaj. / Min. Diameter	3 to 50 mm	6.1µm	Using Lab-Microcal & Master Ring by Comparison method
52	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale	0.4 to 50 mm	8.7µm	Using Video Vision Measuring Machine (VMM) Comparison method as per IS 1269
53	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge (Effective Diameter)	5 to 100 mm	5.4µm	Using FCDM, Thread Measuring Wires & Cylindrical Setting Master by Comparison method
54	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Ring Gauge(Effective Diameter)	3 to 100 mm	7.9µm	Using Lab-Microcal & Master Ring by Comparison method



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55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring wires	0.17 to 6.35 mm	1.7µm	Using Comparator Stand with Electronic Probe & Gauge Block by Comparison method
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Pitch Gauges	0.3 to 8 mm	7.12µm	Using Vision Measuring System by Comparison Method
57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (For major & Effective Diameter)	2 to 300 mm	4.4µm	Using FCDM & Lab Microcal by Comparison Method
58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge(Effective Diameter)	M3 to M300	6.8µm	Using Lab-Microcal & Master Ring by Comparison method
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V – Block SymmetryPerpendicularityFlatnessParallelism	150/100/90 mm	6.9µm	Using Straight Mandrel Slip Gauge Block Granite Square Master by Comparison Method
60	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile ProjectorAngular. LC : 1 Min.	0° to 360°	1.6min	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method
61	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile ProjectorLinear X,Y Axis. LC : 0.001mm	0 to 100 mm	4.9µm	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method



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62	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile ProjectorMagnification	10 X to 100 X	0.21%	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method
63	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Video Vision Measuring Machine. LC : 0.0005 mm	0 to 200 mm	9µm	Using Glass Scale by Comparison Method
64	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Mobile Force Measuring DevicePush Pull Gauge (for pull and push modes)	5 N for pull mode , 10 N for push mode to 1000 N	2.8 N	Using Force calibration fixture with stainless steel newton weights & Different loading hangers for Push Pull Gauge
65	MECHANICAL-MOBILE FORCE MEASURING SYSTEM	Rubber Hardness TesterShore Hardness Tester(Dial / Digital)Shore A / Shore D	0 to 100 shore	0.99shore	Using Electronic Probe with DCT Depth Indented
66	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Dial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	700 bar to 2000 bar	11.75bar	Using Digital Pressure indicator with Comparator Pump by Comparison Method as per (DKD-R-6-1)
67	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Dial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	0 bar to 700 bar	0.32bar	Using Digital Pressure indicator with Comparator Pump by Comparison Method as per (DKD-R-6-1)



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68	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic PressureDial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	0 bar to 20 bar	0.012bar	Using Digital Pressure Indicator with Comparator Pump by Comparison Method
69	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Dial/Digital Vacuum Gauge/Indicators and Calibrators	-0.9 bar	0.002bar	Using Digital Vacuum Indicator by Comparator Pump by Comparison Method as per (DKD-R-6-1)
70	MECHANICAL-TORQUE GENERATING DEVICES	Torque WrenchTorque ToolType II-Class(A &B)	10 Nm to 1000 Nm	2.1%	Using Electronic Torque Wrench Tester Calibrator Sushma Ind
71	MECHANICAL-TORQUE GENERATING DEVICES	Torque WrenchTorque ToolType I-Class B & C',	2 Nm to 1000 Nm	3.0%	Using Electronic Torque Wrench Tester Calibrator Sushma Ind
72	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d = 0.1 mg	0 mg to 200 g	0.35mg	Using Standard Weights of F1 Accuracy Class
73	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d =10 g	>30 kg to 60 kg	8.41g	Using Standard Weights of F1 Accuracy Class
74	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d =10 mg	>200 g to 6 kg	13.08mg	Using Standard Weights of F1 Accuracy Class
75	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d=100 mg	>6 kg to 30 kg	99.96mg	Using Standard Weights of F1 Accuracy Class



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76	MECHANICAL-WEIGHTS	Mass (Weights) 1 kg M1 Accuracy Class & coarser	1 kg	9.18mg	Using 1 kg F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
77	MECHANICAL-WEIGHTS	Mass (Weights) 10 g M3 Accuracy Class	10 g	8.30mg	Using 10 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
78	MECHANICAL-WEIGHTS	Mass (Weights) 10 kg M1 Accuracy Class & coarser	10 kg	88.25mg	Using 10 kg F1 Accuracy class weight with balance d=0.1 g by ABBA cycle as per OIML R 111-1:2004
79	MECHANICAL-WEIGHTS	Mass (Weights) 100 g M3 Accuracy Class	100 g	8.41mg	Using 100 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
80	MECHANICAL-WEIGHTS	Mass (Weights) 2 kg F2 Accuracy Class & coarser	2 kg	9.57mg	Using 2 kg F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
81	MECHANICAL-WEIGHTS	Mass (Weights) 20 g M3 Accuracy class	20 g	8.30mg	Using 20 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004



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82	MECHANICAL-WEIGHTS	Mass (Weights) 20 kg F2 Accuracy Class & coarser	20 kg	92.41mg	Using 20 kg F1 Accuracy class weight with balance d=0.1 g by ABBA cycle as per OIML R 111-1:2004
83	MECHANICAL-WEIGHTS	Mass (Weights) 200 g M2 Accuracy Class & coarser	200 g	8.55mg	Using 200 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
84	MECHANICAL-WEIGHTS	Mass (Weights) 5 kg F2 Accuracy Class & coarser	5 kg	12.14mg	Using 5 kg F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
85	MECHANICAL-WEIGHTS	Mass (Weights) 50 g M3 Accuracy Class	50 g	8.41mg	Using 50 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004
86	MECHANICAL-WEIGHTS	Mass (Weights) 500 g M2 Accuracy Class & coarser	500 g	8.70mg	Using 500 g F1 Accuracy class weight with balance d=0.01 g by ABBA cycle as per OIML R 111-1:2004



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Site Facility					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Linear Height Measuring Instrument LC : 0.0001 mm	0 to 600 mm	4.0µm	Using Gauge Block Set, by Comparison method as per IS 2966
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Single Axis Measuring Machine. LC : 0.0001mm	0 to 100 mm	2.6µm	Using Gauge Block Set by Comparison Method
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Surface Plate	4000x4000 mm	3.0(sqrt(L+W)/100)	Using Electronic Level & by Comparison Method
4	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector Angular. LC : 1 Min.	0° to 360°	1.6min	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method
5	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector Linear X,Y Axis. LC : 0.001mm	0 to 100 mm	4.9µm	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method
6	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Profile Projector Magnification	10 X to 100 X	0.21%	Using Glass Scale , Pin Gage, Angle Gauge Set by Comparison Method
7	MECHANICAL-DIMENSION (PRECISION INSTRUMENTS)	Video Vision Measuring Machine. LC : 0.0005 mm	0 to 200 mm	9µm	Using Glass Scale by Comparison Method



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Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
8	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Dial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	700 bar to 2000 bar	11.75bar	Using Digital Pressure indicator with Comparator Pump by Comparison Method as per (DKD-R-6-1)
9	MECHANICAL-PRESSURE INDICATING DEVICES	Hydraulic Pressure Dial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	0 bar to 700 bar	0.32bar	Using Digital Pressure indicator with Comparator Pump by Comparison Method as per (DKD-R-6-1)
10	MECHANICAL-PRESSURE INDICATING DEVICES	Pneumatic Pressure Dial/Digital Pressure Gauge and Calibrators, Pressure Transmitters, Pressure Switches	0 bar to 20 bar	0.012bar	Using Digital Pressure Indicator with Comparator Pump by Comparison Method
11	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum Dial/Digital Vacuum Gauge/Indicators and Calibrators	-0.9 bar	0.002bar	Using Digital Vacuum Indicator by Comparator Pump by Comparison Method as per (DKD-R-6-1)
12	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d = 0.1 mg	0 mg to 200 g	0.35mg	Using Standard Weights of F1 Accuracy Class
13	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d =10 g	>30 kg to 60 kg	8.41g	Using Standard Weights of F1 Accuracy Class
14	MECHANICAL-WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d =10 mg	>200 g to 6 kg	13.08mg	Using Standard Weights of F1 Accuracy Class



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15	MECHANICAL- WEIGHING SCALE AND BALANCE	Weighing Balance Class III with d=100 mg	>6 kg to 30 kg	99.96mg	Using Standard Weights of F1 Accuracy Class