



# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

Laboratory Name Q-TECH ENGINEERING SERVICES, SECTOR NO. 21, PLOT NO. 381, YAMUNA NAGAR , NIGADI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2187 Page No. : 1 / 17

Validity 10/05/2019 to 09/05/2021 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
<b>Permanent Facility</b>					
1	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateFlatness	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
2	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateFlatness	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
3	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateParallelism	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
4	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateParallelism	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
5	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateSquareness	Up to 300 mm	16.0µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
6	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Angle PlateSquareness	Up to 300 mm	16.0µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method



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7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel ProtractorL.C.: 5'	0 ° to 360° to 0 °	4Min	Using Angle Gauge Block Set & Surface Plate by Comparison Method
8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel ProtractorL.C.: 5'	0 ° to 360° to 0 °	3.6arc min.	Using Angle Gauge Block Set & Surface Plate by Comparison Method
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission Error)L.C.; 0.001 mm	Up to 2 mm	4.0µm	Using Electronic Dial Calibration Tester by Comparison Method
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Gauge (Transmission Error)L.C.; 0.001 mm	Up to 2 mm	4.0µm	Using Electronic Dial Calibration Tester by Comparison Method
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital)L.C.: 0.01 mm	0 mm to 600 mm	15.0µm	Using Gauge Block & Caliper Checker & External Micrometer By Comparison Method
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper (Vernier/Dial/Digital)L.C.: 0.01 mm	0 mm to 600 mm	15.0µm	Using Gauge Block & Caliper Checker & External Micrometer By Comparison Method



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13	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge	Up to 2 mm	5.0µm	using Master Thickness Foils, by Comparison Method
14	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge	Up to 2 mm	5.0µm	using Master Thickness Foils, by Comparison Method
15	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand Flatness	Up to 150 mm	3.7µm	Using Electronic Probe by Comparison Method
16	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand Flatness	Up to 150 mm	3.7µm	Using Electronic Probe by Comparison Method
17	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pin	0.5 mm to 20 mm	1.5µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
18	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Measuring Pin	0.5 mm to 20 mm	1.5µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method



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19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting MasterDiameter Variation	Up to 100 mm	2.2µm	Using Gauge Block Set, Electronic Probe, Comparator Stand & FCDM, by Comparison Method
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Cylindrical Setting MasterDiameter Variation & Concentricity	Up to 100 mm	2.2 µm for Diameter, 2.5 µm for concentricity	Using Gauge Block Set, Electronic Probe, Comparator Stand & FCDM, by Comparison Method
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Degree Protractor / Combination SetL.C.: 1°	0 ° to 360° to 0 °	35arc min.	Using Angle Gauge Block Set & Surface Plate by Comparison Method
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Degree Protractor / Combination SetL.C.: 1°	0 ° to 360° to 0 °	35arc min.	Using Angle Gauge Block Set & Surface Plate by Comparison Method
23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (Vernier/Dial/Digital)L.C : 0.01 mm	0 mm to 300 mm	15.0µm	Using Gauge Block & Surface Plate By Comparison Method
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Caliper (Vernier/Dial/Digital)L.C : 0.01 mm	0 mm to 300 mm	15.0µm	Using Gauge Block & Surface Plate By Comparison Method



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25	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C.: 0.01 mm	Up to 300 mm	8.8µm	Using Gauge Block Set, Long Gauge Block, Micrometer Check Set & Surface Plate By Comparison Method
26	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer L.C.: 0.01 mm	Up to 300 mm	8.8µm	Using Gauge Block Set, Long Gauge Block, Micrometer Check Set & Surface Plate By Comparison Method
27	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge	0 mm to 150 mm	3.9µm	Using Gauge Block Set, By comparison Method
28	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Snap Gauge	0 mm to 150 mm	3.9µm	Using Gauge Block Set, By comparison Method
29	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C.: 0.01 mm	Up to 10 mm	6.0µm	Using Gauge Block Set, by Comparison Method
30	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge L.C.: 0.01 mm	Up to 10 mm	6.0µm	Using Gauge Block Set, by Comparison Method



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31	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareFlatness	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
32	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareFlatness	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
33	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareParallelism	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
34	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareParallelism	Up to 300 mm	6.2µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
35	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareSquareness	Up to 300 mm	16.0µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method
36	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineers SquareSquareness	Up to 300 mm	16.0µm	Using Plunger Dial Gauge, Master Engineers Square & Surface Plate by Comparison Method





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S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
37	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital)L.C ∴ 0.001 mm	>100 mm to 300 mm	4.7µm	Using Gauge Block Set, Long Gauge Block, Micrometer Check Set By Comparison Method
38	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital)L.C ∴ 0.001 mm	>100 mm to 300 mm	4.7µm	Using Gauge Block Set, Long Gauge Block, Micrometer Check Set By Comparison Method
39	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital)L.C ∴ 0.001 mm	Up to 100 mm	1.5µm	Using Gauge Block Set, Long Gauge Block & Micrometer Check Set By Comparison Method
40	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (Analog/Dial/Digital)L.C ∴ 0.001 mm	Upto 100 mm	1.5µm	Using Gauge Block Set, Long Gauge Block & Micrometer Check Set By Comparison Method
41	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	0.01 to 2 mm	2.8µm	Using Electronic Comparator with Stand by Comparison Method
42	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Up to 2 mm	2.8µm	Using Digital Micrometer by Comparison Method



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43	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital)L.C : 0.01 mm	0 mm to 600 mm	15.0µm	Using Gauge Block & Caliper Checker & Surface Plate By Comparison Method
44	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge (Vernier/Dial/Digital)L.C : 0.01 mm	0 mm to 600 mm	15.0µm	Using Gauge Block & Caliper Checker & Surface Plate By Comparison Method
45	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial CaliperL.C.: 0.01 mm	Up to 200 mm	7.0µm	Using Digital Micrometer set by Comparison Method
46	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial CaliperL.C.: 0.01 mm	Up to 200 mm	7.0µm	Using Digital Micrometer set by Comparison Method
47	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial GaugeL.C.: 0.01 mm	Up to 1 mm	4.0µm	Using Electronic Dial Calibration Tester by Comparison Method
48	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial GaugeL.C.: 0.01 mm	Up to 1 mm	4.0µm	Using Electronic Dial Calibration Tester by Comparison Method





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49	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial GaugeL.C.; 0.001 / 0.002 mm	0 mm to 0.2 mm	1.8µm	Using Electronic Dial Calibration Tester by Comparison Method
50	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Dial GaugeL.C.; 0.001 / 0.002 mm	0 mm to 0.2 mm	1.8µm	Using Electronic Dial Calibration Tester by Comparison Method
51	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Stick	>100 mm to 275 mm	3.7µm	Using Gauge Block, Long Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
52	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Stick	>100 mm to 275 mm	3.7µm	Using Gauge Block, Long Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
53	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Stick	Up to 100 mm	2.0µm	Using Gauge Block, Long Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
54	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Stick	Up to 100 mm	2.0µm	Using Gauge Block, Long Gauge Block, Electronic Probe & Comparator Stand By Comparison Method



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55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel BlockParallelismThickn ess Variation	Up to 150 mm	16.0µm	Using Plunger Dial Gauge & Surface Plate by Comparison Method
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Parallel BlockParallelismThickn ess Variation	Up to 150 mm	16.0µm	Using Plunger Dial Gauge & Surface Plate by Comparison Method
57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol CaliperL.C.: 0.1 mm	Up to 50 mm	66µm	Using Gauge Block Set by Comparison Method
58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol CaliperL.C.: 0.1 mm	Up to 50 mm	66µm	Using Gauge Block Set by Comparison Method
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/OD Master	>100 mm to 275 mm	4.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
60	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/OD Master	>100 mm to 275 mm	4.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method



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61	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/OD Master	Up to 100 mm	2.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
62	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge/OD Master	Up to 100 mm	2.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
63	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	>100 mm to 300 mm	3.8µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
64	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	>100 mm to 300 mm	3.8µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
65	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	2 mm to 100 mm	2.0µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
66	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Ring Gauge	2 mm to 100 mm	2.0µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method



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67	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge / Digital Indicator / ComparatorL.C. 0.001 mm	Up to 25 mm	3.0µm	Using Electronic Dial Calibration Tester by Comparison Method
68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge / Digital Indicator / ComparatorL.C. 0.001 mm	Up to 25 mm	3.0µm	Using Electronic Dial Calibration Tester by Comparison Method
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial GaugeL.C.; 0.001 mm	0 mm to 1 mm	1.7µm	Using Electronic Dial Calibration Tester by Comparison Method
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial GaugeL.C.; 0.001 mm	0 mm to 1 mm	1.7µm	Using Electronic Dial Calibration Tester by Comparison Method
71	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge	>100 mm to 300 mm	3.5µm	Using Gauge Block, By comparison Method
72	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge	>200 mm to 300 mm	5.0µm	Using Gauge Block, By comparison Method



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73	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge	0 mm to 100 mm	2.0µm	Using Gauge Block Set, By Comparison Method
74	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge / Gap Gauge	3 to 200 mm	3.0µm	Using Gauge Block Set, By Comparison Method
75	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge (Effective Dia., Major Dia.)	Up to 100 mm	4.3µm	Using FCDM, Cylindrical Setting Master, Thread Measuring Wires (2x) by Comparison Method
76	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Thread Plug Gauge (Effective Dia., Major Dia.)	Up to 100 mm	4.0µm	Using FCDM, Cylindrical Setting Master, Thread Measuring Wires (2x) by Comparison Method
77	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foils	Up to 2 mm	1.5µm	Using Electronic Probe Comparison Method
78	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foils	Up to 2 mm	1.5µm	Using Electronic Probe Comparison Method



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79	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wires	0.5 mm to 20 mm	1.5µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
80	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Measuring Wires	0.5 mm to 20 mm	1.5µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
81	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Effective Dia., Major Dia.)	>100 mm to 300 mm	3.5µm	Using Universal Length Machine, OD Master & Thread Measuring Wires (3x) by Comparison Method
82	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Effective Dia., Major Dia.)	>100 mm to 300 mm	3.5µm	Using Universal Length Machine, OD Master & Thread Measuring Wires (3x) by Comparison Method
83	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Effective Dia., Major Dia.)	Up to 100 mm	3.4µm	Using FCDM, Cylindrical Setting Master, Thread Measuring Wires (2x) by Comparison Method
84	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Plug Gauge (Effective Dia., Major Dia.)	Up to 100 mm	3.4µm	Using FCDM, Cylindrical Setting Master, Thread Measuring Wires (2x) by Comparison Method





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Laboratory Name Q-TECH ENGINEERING SERVICES, SECTOR NO. 21, PLOT NO. 381, YAMUNA NAGAR , NIGADI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CC-2187 Page No. : 15 / 17

Validity 10/05/2019 to 09/05/2021 Last Amended on -

S.No	Discipline / Group	Quantity Measured/ Instrument	Range / Frequency	* Calibration Measurement Capability(±)	Remarks
85	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Effective Dia.)	>100 mm to 300 mm	3.7µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
86	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Effective Dia.)	>100 mm to 300 mm	3.7µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
87	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Effective Dia.)	4 mm to 100 mm	2.1µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
88	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thread Ring Gauge (Effective Dia.)	4 mm to 100 mm	2.1µm	Using Universal Length Measuring M/C & Master Ring by Comparison Method
89	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	'V' BlockParallelism	Up to 150 mm	7.6µm	Using Plunger Dial Gauge, Plain Mandrel & Surface Plate by Comparison Method
90	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	'V' BlockParallelism	Up to 150 mm	7.6µm	Using Plunger Dial Gauge, Plain Mandrel & Surface Plate by Comparison Method



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91	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	'V' BlockSquareness/Sym metricity	Up to 150 mm	16.0µm	Using Plunger Dial Gauge, Plain Mandrel & Surface Plate by Comparison Method
92	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	'V' BlockSquareness/Sym metricity	Up to 150 mm	16.0µm	Using Plunger Dial Gauge, Plain Mandrel & Surface Plate by Comparison Method
93	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V-Anvil MicrometerL.C.; 0.001 mm	0 to 100 mm	4.4µm	Using Setting Master by Comparison Method
94	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	V-Anvil MicrometerL.C.; 0.001 mm	0 mm to 100 mm	4.4µm	Using Setting Master by Comparison Method
95	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge/Height Setting Master	>100 mm to 275 mm	4.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
96	MECHANICAL- DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge/Height Setting Master	>100 mm to 275 mm	4.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method



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97	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge/Height Setting Master	Up to 100 mm	2.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method
98	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width Gauge/Height Setting Master	Up to 100 mm	2.0µm	Using Gauge Block, Electronic Probe & Comparator Stand By Comparison Method