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Permanent Facility					
1	MECHANICAL-ACCELERATION AND SPEED	Centrifuge Machine	Using Precision Digital Tachometer by Direct Method	1000 rpm to 20000 rpm	6.02rpm
2	MECHANICAL-ACCELERATION AND SPEED	Centrifuge Machine	Using Precision Digital Tachometer by Direct Method	200 rpm to 1000 rpm	5.68rpm
3	MECHANICAL-ACCELERATION AND SPEED	RPM Indicator and Rotation Motor	Using Precision Digital Tachometer by Direct Method	1000 rpm to 20000 rpm	6.02rpm
4	MECHANICAL-ACCELERATION AND SPEED	RPM Indicator and Rotation Motor	Using Precision Digital Tachometer by Direct Method	200 rpm to 1000 rpm	5.68rpm
5	MECHANICAL-ACCELERATION AND SPEED	Tachometer(Non-Contact)	Using Precision Digital Tachometer and Variable Power Source by Comparison Method	1000 rpm to 20000 rpm	10.95rpm
6	MECHANICAL-ACCELERATION AND SPEED	Tachometer(Non-Contact)	Using Precision digital tachometer & Variable Power Source by Comparison Method	200 rpm to 1000 rpm	10.91rpm
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bevel Protractor(Digital/Analogue) (L.C: 5 min)	Using Angle Gauges by comparison Method	0 ° to 90 °	447sec of Arc

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8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Bore Dial Gauge(Transmission Error) (L.C: 0.001 mm)	Using Micrometer Head & Digital Probe by Comparison Method	0 to 2 mm	2.21 µm
9	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - (Vernier, Dial, Digital) (L.C:0.01 mm)	Using Gauge Block Grade '0', Long Slip Gauges by Comparison Method	0 to 1000 mm	15 µm
10	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - (Vernier, Dial, Digital) (L.C:0.01 mm)	Using Caliper Checker by Comparison method	0 to 300 mm	12.26 µm
11	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - (Vernier, Dial, Digital) (L.C:0.01 mm)	Using Gauge Block Grade '0', Long Slip Gauge by Comparison Method	0 to 300 mm	12.26µm
12	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - (Vernier, Dial, Digital) (L.C:0.01 mm)	Using Caliper Checker by Comparison Method	0 to 600 mm	14 µm

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13	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Caliper - (Vernier, Dial, Digital) (L.C:0.01 mm)	Using Gauge Block Grade '0', Long Slip Gauge by Comparison Method	0 to 600 mm	13 µm
14	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (L.C: 0.0001 mm)	Using Thickness Foils by Comparison Method	50 µm to 100 µm	2.37 µm
15	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Coating Thickness Gauge (L.C: 0.001 mm)	Using Thickness Foils by Comparison Method	50 µm to 1950 µm	8.6 µm
16	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Combination Sets (L.C: 1°)	Using angle gauges by comparison method	0 ° to 90 °	30min of arc
17	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Comparator Stand (only Flatness)	Using Digital Probe by Comparison Method	Up to 300 X 300 mm	2.90 µm

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18	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C: 0.001 mm)	Using Gauge Blocks grade 0, Surface plate by comparison method	0 to 150 mm	3.66 µm
19	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Micrometer (L.C: 0.001 mm)	Using Gauge Blocks Grade 0, Surface Plate by comparison method	0 to 300 mm	4.6 µm
20	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Vernier Gauge (L.C: 0.010 mm)	Using Gauge Blocks Grade 0, Surface plate by comparison method	0 to 300 mm	8.89 µm
21	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Depth Vernier Gauge - (Dial, Digital) (L.C: 0.020 mm)	Using Slip Gauge Set by Comparison Method	0 to 150 mm	12.8 µm
22	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Depth Gauge (L.C: 0.001 mm)	Using Gauge Blocks Grade 0, Surface plate by Comparison Method	0 to 300 mm	4.37 µm

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23	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Gauge Tester/Dial Gauge Calibrator/Floating Carriage Drum Micrometer -only (L.C: 0.0002 mm)	Using Digital Probe, Slip Gauges by comparison method	0 to 25 mm	1.74 µm
24	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C.: 0.01 mm)	Using Gauge Block Set by comparison method	0 to 50 mm	7.58 µm
25	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Dial Thickness Gauge (L.C: 0.001 mm)	Using Gauge Block Set by Comparison Method	0 to 25 mm	0.95 µm
26	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Micrometer Head (L.C: 0.001 mm)	Using Digital Probe, Slip Gauges by comparison method:	0 to 25 mm	1.83 µm
27	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Digital Protractor/ Inclinometer/ Clinometers (L.C: 0.05°)	Using Angle Gauges by comparison method	0 ° to 90 °	7.5min of Arc

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28	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallels(parallelism error)	Using Gauge Block set, Digital Probe, Surface Plate by comparison method	Up to 100 x 100 mm	2.43 µm
29	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Engineer's Parallels(size variation)	Using Gauge Block set, Digital Probe, Surface Plate by comparison method	Up to 100 X 100 mm	6.62 µm
30	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C.: 0.001 mm)	Using Slip Gauge Set by Comparison Method	0 to 25 mm	1.1 µm
31	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.001 mm)	Using Gauge Block set & Micrometer Setting Standards & Long Slip Gauges by Comparison Method	150 mm to 300 mm	3.39 µm
32	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.001 mm)	Using Gauge Block set & Micrometer Setting standards & Long Slip Gauges by comparison method	25 mm to 150 mm	1.50 µm

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33	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.001 mm)	Using Gauge Block set & Micrometer Setting Standards & Long slip Gauges by comparison method	300 mm to 800 mm	7.65 µm
34	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.001 mm)	Using Slip Gauge Set by Comparison Method	75 mm to 100 mm	1.3 µm
35	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.01 mm)	Using Slip Gauge set by Comparison Method	25 mm to 50 mm	3 µm
36	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	External Micrometer (L.C: 0.01 mm)	Using Slip Set by Comparison Method	50 mm to 75 mm	3.5 µm
37	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Feeler Gauge	Using Digital probe , Comparator Stand & Digital Micrometer by Comparison Method	0.01 mm to 1 mm	2.4 µm

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38	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Linear (L.C: 0.0005 mm)	Using Gauge Blocks Grade 0, Long Slip Gauges, Caliper Checker by comparison Method	0 to 600 mm	9.47 µm
39	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Squareness (L.C: 0.0005 mm)	Using Digital Probe,Surface Plate, Cylindrical Mandrel by comparison Method	0 to 600 mm	5.76µm
40	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Dial Caliper (L.C: 0.010 mm)	Using Gauge Block Set, External Micrometer by Comparison Method	5 mm to 135 mm	7.12 µm
41	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Inside Digital Caliper (L.C: 0.010 mm)	Usingg Gauge Block Set, External Micrometer by comparison Method	5 mm to 135 mm	7.6 µm
42	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer (Caliper Type) (L.C: 0.001 mm)	Using Slip Gauge set by Comparison Method	3 mm to 100 mm	1.86 µm

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43	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Internal Micrometer (Stick/Tubular Type) L.C: 0.010 mm	Using Slip Gauge Set by Comparison Method	13 mm to 1300 mm	9.91 µm
44	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauges (L.C.: 0.001 mm)	Using Slip gauges by comparison method	0 to 0.2 mm	0.68 µm
45	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauges (L.C.: 0.001 mm)	Using Calibration Tester & Digital Probe by comparison method	0 to 0.2 mm	2.21 µm
46	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauges (L.C.: 0.010 mm)	Using Dial Calibration Tester & Digital Probe by comparison method	0 to 1.6 mm	3.36 µm
47	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Lever Type Dial Gauges (L.C.: 0.010 mm)	Using Slip Gauges by comparison method	0 to 1.6 mm	3.36 µm

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48	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	LVDT/ Digital Probe/Digital Dial Indicator L.C ; 0.0001 mm	Using Slip Gauges by Comparison Method	0 to 25 mm	1.24 µm
49	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Cylindrical Pins	Using Digital Probe, Slip Gauges & Comparator Stand by Comparison Method	0.1 mm to 20 mm	2.42 µm
50	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Scale (L..C: 0.5 mm)	Using Scale & Tape Calibrator by comparison Method	0 to 2000 mm	144.73xSQRT (L) µm, where L in meter
51	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (L.C.: 0.1 mm)	Using Scale & Tape Calibrator by comparison method	0 to 10 m	289.4 sqrt(L) µm, Where L in mt
52	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Measuring Tape (L.C: 0.1 mm)	Using Scale & Tape Calibrator by comparison method	0 to 50000 mm	461.18sqrt (L) µm, Where L in mt

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53	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Head (L.C : 0.001 mm)	Using Grade 0 Gauge Blocks and Digital Probe by comparison method	0 to 25 mm	1.66 µm
54	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Gauge Blocks Grade 0 & Long Slip Gauges, Digital Probe, Surface plate by comparison method	25 mm to 150 mm	2.14 µm
55	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Gauge Blocks Grade 0 & Long Slip Gauges, Digital Probe, Surface plate by comparison method	300 mm to 500 mm	4.56 µm
56	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Gauge Blocks Grade 0 & Long Slip Gauges, Digital Probe, Surface plate by comparison method	500 mm to 800 mm	6.49 µm
57	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Micrometer Setting Standard	Using Gauge Blocks Grade 0 & Long Slip Gauges, Digital Probe, Surface plate by comparison method	150 mm to 300 mm	3.08 µm

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58	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Outside Dial Caliper (L.C: 0.010 mm)	Using Gauge Block Set by comparison Method	0 to 10 mm	7.03 µm
59	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pie Tape (L.C: 0.010 mm)	Using Scale & Tape Calibrator by comparison method	up to Diameter 50000 mm	429x SQRT(L) µm, Where L in meter
60	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Pistol Caliper (L.C: 0.1 mm)	Using Gauge Block Set by comparison method	0 to 50 mm	50 µm
61	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Slip Gauges & Digital Probe by comparison method	diameter 100 mm to diameter 300 mm	3.17 µm
62	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plain Plug Gauge	Using Slip Gauges & Digital Probe by comparison method	upto to diameter 100 mm	1.82 µm

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63	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Dial Gauge (L.C: 0.01 mm)	Using Digital Micrometer Head by Comparison Method	0 to 10 mm	4.6 µm
64	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge (L.C: 0.0005 mm)	Using Slip Gauge by comparison method	0 to +/- 0.100 mm	1.02 µm
65	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge (L.C: 0.0005 mm)	Using Dial Gauge Tester and Digital Probe by comparison method	0 to +/- 0.100 mm	7.24 µm
66	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Plunger Type Dial Gauge (L.C: 0.001 mm)	Using Dial Gauge Tester And Digital Probe by comparison method	0 mm to 25 mm	7.26 µm
67	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar(Center Distance between two Rollers)	Using Slip Gauges, Angle Gauges & Digital Probe by comparison method	Up to Distance Length 300 mm	4.20 µm

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68	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar(Error of angular measurement)	Using Slip Gauges, Angle Gauges & Digital Probe by comparison method	Up to Center Distance Length 30	9.41arc of sec
69	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Sine Bar(Parallelism Error of Working Surface to Contact roller surface)	Using Surface Plate & Digital Probe by comparison method	Up to Center Distance Length 30 mm	6.9 µm
70	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Snap Gauge	Using Gauge Block Set by Comparison method	2 mm to 160 mm	1.24 µm
71	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Step Block (Thickness)	Using Gauge Block Set, Digital Probe by Comparison Method	0 to 210 mm	4.04 µm
72	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Edge (Straightness)	Using Digital Probe, Lever Dial Indicator, Surface Plate by Comparison Method	Up to 300 mm	6.95 µm

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73	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Straight Edge (Parallelism)	Using Digital Probe, Lever Dial Indicator, Surface Plate by Comparison Method	Up to 300 mm	2.77 µm
74	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Taper Scale (L.C: 0.1 mm)	Using Tape and Scale Calibrator by Comparison method	0 to 100 mm	29.94 µm
75	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Thickness Foils	Using Digital Probe, Surface Plate, Slip Gauges and Comparator Stand	0.025 mm to 2 mm	1.85 µm
76	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C: 0.010 mm)	Using Thickness Step Block by Comparison Method	Up to 100 mm	7.83 µm
77	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Ultrasonic Thickness Gauge (L.C: 0.1 mm)	Using Thickness Step Block by Comparison Method	Up to 200 mm	70.33 µm

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78	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vee Block (For Squareness)	Using Slip Gauge, Cylindrical Mandrels, Digital Probe by Comparison Method	Up to 100 mm	8 µm
79	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vee Block (Parallelism of Vee Flank)	Using Surface Plate & Digital Probe by comparison method	up to 100 mm	7.67 µm
80	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Vee Block (Symmetricity of Vee Flank)	Using Cylindrical Mandrels, Lever Dial Indicator by Comparison Method	Up to 100 mm	7.67 µm
81	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width gauge/Height Block	Using slip Gauges & Digital Probe by comparison method	0.1 mm to 100 mm	1.82 µm
82	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Width gauge/Height Block	Using Slip Gauges & Digital Probe by comparison method	100 mm to 300 mm	3.17 µm

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83	MECHANICAL-DUROMETER	Rubber Hardness Tester/ Durometer (Shore A)	Using Digital Micrometer Head with by Depth indentation Method as per ISO 48-9	0 to 100 Shore A	3.55Shore A
84	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Hydraulic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using Digital Pressure Gauge, Multimeter & Pressure Comparator by Comparison Method as per DKD-R-6-1	0 to 350 bar	2.9bar
85	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Hydraulic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using Digital Pressure Gauge, Multimeter & Pressure Comparator by Comparison Methodas per DKD-R-6-1	0 to 686 bar	2.9bar
86	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using digital Pressure Gauge, Multimeter & Pneumatic Pressure Hand Pump by Comparison Methodas per DKD-R-6-1	0 to 30 bar	0.2bar

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87	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum gauge(Dial or Analogue/Digital)	Using Digital Pressure Gauge & Vacuum Pump by Comparison Method per DKD-R-6-1	(-)0.9 bar to 0	0.007bar
88	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	0.300 Nm to 1.200 Nm	2.9% of reading
89	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	1.20 Nm to 6.00 Nm	2.9% of reading

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90	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	0.040 Nm to 0.300 Nm	2.32% of reading
91	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	100 Nm to 300 Nm	0.6% of reading
92	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	20 Nm to 100 Nm	0.9% of reading

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93	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	300 Nm to 1000 Nm	0.21% of Reading
94	MECHANICAL-TORQUE GENERATING DEVICES	Torque Wrench and Torque Screwdrivers (Type I Class A to Class E) and (Type II Class A to Class G)	Using Torque Sensor with indicator,Automated electronic torque wrench calibration tester(mechanized) by comparison method as per ISO 6789:2017	6 Nm to 20 Nm	1,0% of reading

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Site Facility					
1	MECHANICAL-ACCELERATION AND SPEED	Centrifuge Machine	Using Precision Digital Tachometer by Direct Method	1000 rpm to 20000 rpm	6.02rpm
2	MECHANICAL-ACCELERATION AND SPEED	Centrifuge Machine	Using Precision Digital Tachometer by Direct Method	200 rpm to 1000 rpm	5.68rpm
3	MECHANICAL-ACCELERATION AND SPEED	RPM Indicator and Rotation Motor	Using Precision Digital Tachometer by Direct Method	1000 rpm to 20000 rpm	6.02rpm
4	MECHANICAL-ACCELERATION AND SPEED	RPM Indicator and Rotation Motor	Using Precision Digital Tachometer by Direct Method	200 rpm to 1000 rpm	5.68rpm
5	MECHANICAL-ACCELERATION AND SPEED	Tachometer(Non-Contact)	Using Precision Digital Tachometer and Variable Power Source by Comparison Method	1000 rpm to 20000 rpm	10.95rpm
6	MECHANICAL-ACCELERATION AND SPEED	Tachometer(Non-Contact)	Using Precision digital tachometer & Variable Power Source by Comparison Method	200 rpm to 1000 rpm	10.91rpm
7	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Linear (L.C: 0.0005 mm)	Using Gauge Blocks Grade 0, Long Slip Gauges, Caliper Checker by comparison Method	0 to 600 mm	9.47 µm

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8	MECHANICAL-DIMENSION (BASIC MEASURING INSTRUMENT, GAUGE ETC.)	Height Gauge - Squareness (L.C: 0.0005 mm)	Using Digital Probe,Surface Plate, Cylindrical Mandrel by comparison Method	0 to 600 mm	5.76µm
9	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Hydraulic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using Digital Pressure Gauge, Multimeter & Pressure Hand Pump by Comparison Method as per DKD-R-6-1	0 to 350 bar	2.9bar
10	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Hydraulic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using Digital Pressure Gauge, Multimeter & Pressure Hand Pump by Comparison Methodas per DKD-R-6-1	0 to 686 bar	2.9bar
11	MECHANICAL-PRESSURE INDICATING DEVICES	Pressure Pneumatic Digital/Analog Pressure Gauge, indicator, pressure Transmitter, Pressure Switches.	Using Digital Pressure Gauge, Multimeter & Pneumatic Pressure Hand Pump by Comparison Methodas per DKD-R-6-1	0 to 30 bar	0.5bar

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12	MECHANICAL-PRESSURE INDICATING DEVICES	Vacuum gauge(Dial or Analogue/Digital)	Using Digital Pressure Gauge & Vacuum Pump by Comparison Method per DKD-R-6-1	(-)0.9 bar to 0	0.007bar

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