



MTMS ENGINEERS PVT. LTD.,

GROWING TO SERVE, SERVING QUALITY

NABL ACCREDITED CALIBRATION LABORATORY

ISO 17025: 2017



CC-2293

CALIBRATION CAPABILITY UNDER NABL ACCREDITED SCOPE

1) FOR SITE CALIBRATION ACTIVITY:

Sr. No.	Instrument Name	Range / Scale
1	Long Travel Extensometer	0 - 500 mm
2	Rockwell Hardness Testing Machine	HRRW
3	Micro-Vickers Hardness Testing Machine	HV 0.025, HV 0.01, HV 0.05
4	Profile Projector (Angular / Magnification / Linear)	Up to 360° / up to 200X / 0 - 250 mm
5	Microscope	Up to 1000X
6	Extensometer (Clip on type, Video, laser)	Up to 20 mm
7	Rockwell cum Rockwell superficial Hardness Testing Machine with Test force verification	HRA, HRBW, HRC, HRFW, HR 15N, HR 30N, HR 45N, HR 15TW, HR 30TW, HR 45TW, HRLW, HREW, HRD
8	Brinell Hardness Testing Machine with Test force verification	2.5/31.25 HBW, 2.5/62.5 HBW, 2.5/187.5 HBW, 5/250 HBW, 5/750 HBW, 10/500 HBW, 10/1000 HBW, 10/3000 HBW, 2.5/15.625 HBW, 1/30 HBW
9	Vickers Hardness Testing Machine with Test force verification	HV 1, HV 3, HV 5, HV 10, HV 20, HV 30, HV 50, HV 100
10	Micro-Vickers Hardness Testing Machine with Test force verification	HV 0.1, HV 0.2, HV 0.3, HV 0.5
11	Leeb (Dynamic) Hardness Testing Machine	'D' Scale
12	Durometer	Shore 'A' & Shore 'D'
13	Charpy Impact Testing Machine	Up to 750 J
14	Izod Impact Testing Machine	Up to 750 J
15	Charpy & Izod Impact Testing Machine	Up to 50 J
16	Pressure / Hydraulic (Dial / Digital / Pressure Gauge & Pressure Transducers)	0 - 700 bar
17	Electronic Balancing Machine	1 mg - 200 g (LC 1mg & above) 200 g - 3 kg (LC 0.1g & above) 3 kg - 20 kg (LC 1 g & above)

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SUPPLIERS OF ALL TYPES OF TESTING MACHINES, METALLURGICAL INSTRUMENTS & MICROSCOPES, AUTOMOTIVE COMPONENTS TEST RIGS, UPGRADATION OF OLD MACHINES.



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Sr. No.	Instrument Name	Range / Scale
18	UTM, Tension Creep & Torsion Testing Machine (Compression / Tension Mode)	4 N - 3000 KN
19	Displacement Measuring Device	Up to 500 mm
20	Depth Measuring System	0 - 0.2 mm
21	Testing cycle	Up to 180 sec
22	Erichsen Cupping	Up to 20 mm
23	Speed Measuring Device	0 - 500 mm/min

2) FOR INHOUSE CALIBRATION ACTIVITY:

Sr. No.	Instrument Name	Range / Scale
1	Industrial Torque Sensors	Up to 2000 Nm
2	Bevel Protractor	Upto 360°
3	Combination Set	Upto 360°
4	Radius of Penetrator/ Punch of Erichsen Cupping Machine / Verification of Diameter	Upto 20 mm
5	Steel Scale	Upto 300 mm
6	Radius Gauge	Upto 25 mm
7	Thread Pitch Gauge (55° & 60°)	0.17 to 7 mm
8	Test Sieves	Upto 10 mm
9	Measuring / Cylindrical Pins	Upto 20 mm
10	Micrometre Head	Upto 25 mm
11	Thickness Foils	Upto 1.2 mm
12	Coating Thickness Gauge	Upto 1.2 mm
13	Ultrasonic Thickness Gauge	Upto 100 mm
14	Vickers / Knoop / Rockwell Diamond Cone Indenter (Angular Measurement)	120° & 136°
15	Vickers / Knoop / Rockwell / Brinell Diamond cone Indenter - Ball Diameter Measurement	1 to 12.7 mm
16	Tracing Paper / Templates	Angle: 0° to 360°
		Radius: 0.2 to 25 mm
		Linear: 0 to 150 mm

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Sr. No.	Instrument Name	Range / Scale
17	Form Gauge any (Linear, Radius, Angle Measurement)	
18	Push Pull Tester	Upto 1000 Nm
19	Surface Plate	3000 (L) x 3000 (W) mm
20	Caliper (Dial, Digital & Vernier)	Upto 600 mm
21	Height Gauge(Dial, Digital & Vernier)	Upto 600 mm
22	Depth Gauge (Dial, Digital & Vernier)	Upto 150 mm
23	Dial Gauge (Plunger type)	Upto 25 mm
24	Thickness Gauge	Upto 10 mm
25	Feeler Gauge	Upto 1 mm
26	Plain Plug Gauge	Upto 125 mm
27	Snap Gauge	Upto 150 mm
28	External Micrometer	Upto 150 mm
29	Lever type dial gauge	Upto 1 mm
30	Depth Micrometer	Upto 150 mm
31	Bore gauge Transmission	Upto 1.2 mm
32	Micrometer Setting Rod	Upto 125 mm
33	Verification of Durometer	Shore A & Shore D
34	Electronic Probe	Upto 25 mm

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