

**DETAILS OF CALIBRATION FACILITIES AVAILABLE AT NTH, SALT LAKE, KOLKATA**

NAME OF LABORATORY	PRODUCT/MATERIAL OF TEST	TEST/CALIBRATION FACILITIES AVAILABLE	REMARKS
<b>METROOLOGY &amp; CALIBRATION</b>	External Micrometer	Calibration facilities for Length Parameter	Upto 500 mm Upto 600 mm
	Internal Micrometer.		
	Vernier Caliper		Upto 1700 mm
	Vernier Depth Gauge		Upto 800 mm
	Vernier Height Gauge		Upto 1000 mm
	Dial Bore Gauge		Any range
	Plunger Type Dial Gauge		Any range
	Lever Type Dial Gauge		Any range
	Feeler Gauge		Any range
	Slip Gauge		Upto 100 mm
	Flow cup		All dimension
	Steel Scale		Upto 2 metre
	Mechanical Extensometer		Any range
	Plain Plug Gauge		0-100 mm
	Plan Ring Gauge		1-460 mm
	Cylindrical Thread Plug Gauge		0.8-100 mm
	Cylindrical Thread Ring Gauge		2.6-180 mm
	Taper Thread Plug Gauge		2.6-85 mm
	Taper Thread Ring Gauge		2.6-125 mm
	Angle Gauge	Calibration of Angle parameter	0-360 degree
	Block Parameter		
	Spirit Level		Any sensitivity
	Sine Bar		Any length
	Clinometer		0-360 degree
	Bevel Protractor		0-360 degree
	U.T.M.	Calibration of Force Parameter	0-1000 KN in tension
			0-2000 KN in Compression

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	Force Proving Devices	0-1000 KN tension 0-1000 KN compression	
	Impact Testing Machine	Any range	
	Torque wrench	Upto 200 Kgm	
	Hardness Testing Machine	Brinell, Vickers, Rockwell (std. & superficial)	
	Pneumatic (Air Pressure Calibration operated) Pressure Gauge		0-70 Kg/ Sq.cm.
	Hydraulic (Oil operated) Pressure Gauge		0.3-4000 Kg/ Sq.cm.
	Vaccum Gauge		0-73cm.of Hg.
	Voltmeter calibration	Electrical parameter AC/DC	0-1000V
	Ammeter	AC/DC	0-10 Amp.
	Wattmeter		0-7 K Watts
	Frequency meter		0-1 MHz
	Power Factor meter		-0.5 to 0.05 pF
	Resistors		Upto 300 MΩ
	Meggar/earth Tester		Upto 1000 V/ 200 MΩ
	Thermocouple type Temperature measurement system		o 1000°C
	Kelvin Double end Wheatstone Bridge	Full facility	
	Portable Calibrator	Full facility	
	Handheld Scopemeter (Digital type)	Full facility	

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Analogue and Digital Multimeter	Upto 4 & 1/2 digit
Clampmeter	Upto 400 Amp.
High voltage Test Set	Upto 5 Kv
MV/mA Source cum Meter	0-200 mV 0-200 mA