

Centre for Quality Management, Standards and Calibration Services (CQC)
NATIONAL COUNCIL FOR CEMENT AND BUILDING MATERIALS

34 KM Stone, Delhi-Mathura Road (NH 2), Ballabgarh-121004 (Haryana), India

Telephone: +91 129-2666704/2666680, 2666600

E-mail: ncb.cqc@gmail.com; Website: www.ncbindia.com

FACILITIES FOR CALIBRATION

Sl. No.	Item
PRESSURE	
1	Pressure Gauge: Analogue and Digital: upto 1200 kg/cm ²
DIMENSION	
1	Test sieve: 45 micron to 150 mm
2	Dial Gauge (upto 25 mm)
3	Vernier Caliper (upto 300 mm)
4	Glass Scale (upto 200 mm)
5	Steel Scale (upto 600 mm)
6	Measuring Tape (upto 5 meter)
TEMPERATURE/RH	
1	Glass Thermometer (Analogue/ Digital) (-10 °C to 600 °C)
2	RTD /PRT probe with Indicator (-10 °C to 600 °C)
3	Thermocouple with Indicator (200 °C to 1200 °C)
4	Dry Block Calibrator with Probe & Indicator (-10 °C to 600 °C)
5	Hygrometer/RH Indicator
6*	Environmental Chamber a) 35 to 95% RH b) 15 to 50 °C
7*	Muffle Furnace (200 to 1200° C)
8*	Hot Air Oven (Ambient to 200° C)
9*	Temperature Controller/Indicator fitted in any Thermal Equipment a) -10 to 200° C b) 200 to 1200° C
RPM	
1	Tachometer (Upto 25000 RPM)
2*	RPM of Mortar Cube Vibrator/Vibration Table/Mortar Mixer/Flow Table/Los Angeles Machine/Jolting Apparatus

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MASS/VOLUME	
1*	Weighing Balance a) 1 mg to 10 kg b) >10 kg to 150 kg c) Above 150 kg (Out of NABL scope)
2	a) Weight Box (1mg to 200g) – E2 class b) Weight Box (F1 class and below) Weights of various Measures (upto 100 kg)
3	Pipette, Burette, Volumetric Flask, Cylinder, etc. (5-1000 ml) (calibration at single mark only)
4	Blaine Cell
FORCE	
1*	Compression Testing Machine/Universal Testing Machine (in compression mode, rate per load scale) a) Upto 2000 kN b) >2000 to 3000 kN
MISCELLANEOUS (Out of NABL Scope)	
1	Load Indicator/Hydraulic Jack (Except CTM/UTM) a) Upto 2000 kN b) >2000 to 3000 kN
2	Elastic Force Measuring Device (Proving Ring) a) Upto 100 kN b) >100 to 1000 kN c) >1000 to 2000 kN d) >2000 to 3000 kN
3	Stop Watch
4	Concrete Test Hammer/Rebound Hammer
5*	Concrete Batching Plant/RMC Plant (upto 1500 kg)
6.	LVDT: (upto 100 mm)

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CALIBRATION SERVICES

Terms, Conditions & Guidelines

- i) **Accreditation and traceability:** Calibration services (calibration carried out at Ballabgarh laboratories), except indicated otherwise, are NABL accredited. Services out of NABL scope have direct traceability to National/International Standards. NABL Certificates for Thermal and Mechanical field and scope of accreditation is displayed at our web site. Site calibration services are accredited by NABL for: RPM of Vibrating Machine, CTM/UTM in compression mode, Balances - 200g to 150kg, Muffle Furnace, Environment Chamber, Oven with Digital Indicators etc.
- ii) **Equipment submission and collection:** It is the responsibility of the user to submit the equipment for calibration at our laboratory at Ballabgarh and collect the same, with proper authorization/identification in person. Equipment should not be sent through courier.
- iii) **Site calibration: Equipment marked (*) shall be calibrated at site only.**
Equipment like Oven, Environment Chamber, Muffle Furnace, Vibrating Machine, Flow Table, Balance, CTM, UTM etc. installed in the laboratories should not be transported to our laboratories for calibration. Such equipment will be calibrated at site only at agreed upon time/schedule.
- iv) **Certificate:** Preparation and delivery of certificate will take upto 10-12 working days from the date of calibration.
- v) **Contact details: E-mail:** ncb.cqc@gmail.com; **Telephone:** +91 129-2666704; 2666680