

METROLOGY UNIT

LIST OF CALIBRATION SERVICES

Calibration Area	Description of Calibration Job
Mass	
WM 01	Mass pieces (1 mg to 20 kg) A. Class F ₁ B. Class F ₂ C. Class M ₁ /M ₂ /M ₃
WM 02	A. Precision balance (d ≤ 0.1 mg) B. Precision balance (d : 0.1 mg to 1 g) C. Electronic top-loading balance (d : > 1 g) (up to 120 kg)
Pressure	
WP 01	A. Pressure gauge (up to 600 bar) B. Pressure transmitter (up to 600 bar)
Force	
WF 01	A. Tensile testing machine (up to 2000 kN) B. Compression machine (up to 2800 kN) C. Proving ring (up to 2000 kN) D. Load cell (up to 2000 kN) E. Hydraulic Jack (up to 2000 kN)
Length	
WL 01	A. Stainless steel ruler (up to 1 m) B. Line standard (up to 2 m) C. Tape 3m D. Tape 5m E. Tape 10m F. Tape 15m G. Tape 30m H. Tape 50m

Calibration Code	Description of Calibration Job
LENGTH (WL)	
WL 02	A. Micrometer (up to 600 mm) B. Caliper (vernier/digital) (up to 1000mm) C. Dial thickness gauge (up to 50 mm) D. Depth gauge E. Height gauge F. Setting gauge/rod G. Gauge block
Electrical measurements	
WE 01	A. Digital multimeter (Current, Voltage & Resistance)
Temperature & Physico-Chemical measurements	
WT 01	A. Liquid-in-glass thermometer 0 to 100°C) B. Digital thermometer (-20 to 400°C) C. Temperature Gauge
WT 02	A. Hygrometer (wet and dry bulb type) B. Oven (1 calibration point) C. Incubator (1 calibration point) D. Liquid bath (1 calibration point) E. Cold room (1 calibration point) F. Refrigerator / freezer
WPC 01	A. pH meter

