

# Schedule

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Certificate No. : LA-2009-0444-C  
Issue No. : 10  
Date : 18 April 2018  
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FIELD OF TESTING : Calibration and Measurement

MEASURED QUANTITIES/ INSTRUMENTS/RANGE TO BE CALIBRATED	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC*)
<b>A Temperature</b>		
1. Temperature Sensor (RTD) -80 °C -25 °C to 140 °C 141 °C to 200 °C	LCS.A09/001A (4) LCS.A10/014A (Rev0)	0.42 °C 0.32 °C 0.38 °C
2. Electrical simulation for RTD controller / display / recorder transmitter etc  -200 °C to 800 °C	LCS.A09/003A (Rev1)	0.41 °C
3. Thermometer (digital display) -80 °C -25 °C to 140 °C 141 °C to 200 °C	LCS.A09/006A (Rev2) LCS.A09/007A (Rev1) LCS.A09/0027A (Rev0) LCS.A10/014A (Rev0)	0.40 °C 0.30 °C 0.36 °C
4. Thermometer (analog display) -25 °C to 140 °C 141 °C to 200 °C	LCS.A15/029A (Rev0)	1.3 °C 1.3 °C
5. Loop line calibration (sensor & readout)  -80 °C -25 °C to 140 °C 141 °C to 200 °C	LCS.A09/004A (Rev2) LCS.A09/0027A (Rev0) LCS.A10/014A (Rev0)	0.40 °C 0.30 °C 0.36 °C

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MEASURED QUANTITIES/ INSTRUMENTS/RANGE TO BE CALIBRATED	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC*)
6. Dry block heater 25 °C to 140 °C	LCS.A10/025A (Rev1)	0.45 °C
7. Temperature mapping (Autoclave, Climatic chamber, Fridge & Freezer, Oven, Incubator, Storage area, etc...)  -80 °C -25 °C to 140 °C 141 °C to 200 °C	LCS.A09/008A (Rev0) LCS.A09/009A (Rev0) LCS.A09/010A (Rev0)	0.70 °C 0.54 °C 0.59 °C
8. Humidity instruments (sensors, loggers, thermo hygrometer)  a) at 30 °C (30 to 90) % relative humidity  b) Salt solutions: saturated at 23 +/- 3 °C (10 and 35) % relative humidity (50; 75 and 95) % relative humidity	LCS.A09/021A (Rev1) LCS.A12/030A (Rev0) LCS.A12/032A (Rev0)  LCS.A09/018A (Rev1) LCS.A12/032A (Rev0)	0.44 °C 4.2 % relative humidity  1.2 % relative humidity 1.6 % relative humidity
9. Humidity mapping  (30 to 90) % relative humidity	LCS.A09/010A (Rev0)	5.0 % relative humidity
10. Liquid in Glass Thermometer  0 °C 30 °C to 200 °C	LCS.A13/028A (Rev1)	0.21 °C 0.41 °C

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MEASURED QUANTITIES/ INSTRUMENTS/RANGE TO BE CALIBRATED	METHOD	CALIBRATION AND MEASUREMENT CAPABILITY (CMC*)
<b>B Mechanical</b>		
1. Pressure gauges (digital display)  (-900 to 0) mbar (0 to 10 000) mbar (10 000 to 20 000)mbar	LCS.A09/011A (Rev 3)	3.0 mbar 4.1 mbar 6.0 mbar
2. Pressure gauges (analog display)  (-900 to 0) mbar (0 to 4 000) mbar	LCS.A15/017A (Rev 0)	13 mbar 14 mbar
3. Absolute pressure instruments  (100 to 1 000) mbar abs (1 000 to 11 000) mbar abs (11 000 to 21 000) mbar abs	LCS.A12/016A (Rev 0)	4.7 mbar 5.2 mbar 7.0 mbar
4. Differential gauges  (0 to 2 500) Pascal	LCS.A09/012A (Rev 2)	15 Pascal

\* CMC is expressed as an expanded uncertainty estimated at a level of confidence of approximately 95 %.

Approved signatory:

Mr Charles-Marie MARIOTTI For all items

Note :

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid calibrations. The **management system requirements** in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001.