



CALIBRATION CERTIFICATE

Instrument Analog barometer
Model PTB101B
Serial number U3220015
Manufacturer Vaisala Oyj, Finland
Calibration date 1999-08-10

The barometric pressure transmitter PTB101B has been compared with PTB220 working standard, calibrated on 25th May 1999 with Ruska 2465 pressure balance primary standard (Certificate no. K08-G05251) results are traceable to NIST.

Measurement results	Reference pressure [hPa]	Observed output [hPa]	Correction [hPa]
	610.45	610.6	-0.1
	700.20	700.4	-0.2
	800.25	800.6	-0.3
	850.82	851.0	-0.2
	900.59	900.8	-0.2
	950.79	950.9	-0.1
	1000.87	1001.1	-0.2
	1060.02	1060.2	-0.2

Ambient temperature [°C]

23.4

To obtain the true pressure, add the correction to the barometer reading.
Interpolated corrections may be used at intermediate readings of the scale of the barometer.

$$600 \text{ hPa} + \frac{460 \text{ hPa}}{2.5} \cdot \checkmark$$

For Vaisala Oyj

Technician