

Change log

Version	Author	Changes	Date
1.0.	Adopted from SENSORIKA s.r.o.	SENSORIKA Revision 25	14.1.2019
1.1.	Mikulíčková	Change of A3 to B3 addition of A2, change of numbering of A2-3 to A3-4 and B4-6 to B3-5, update of data for B1, B2, B4, B5	1.8.2019
1.2.	Mikulíčková	Update of data for A4, B4, B5	10.3.2020

A) Equipment for dewpoint meter calibration

1. Dewpoint generator DG-2S
2. Dewpoint hygrometer Series 3000. Instrument s/n 96689-01-80, sensor s/n H1441-01-8
3. Dewpoint hygrometer Series 4000. Instrument s/n 121436, sensor s/n 121437
4. Hygrothermometer SCKD 000-0020030 s/n 74471 with measuring probe HTP- 2715230 s/n 74471

Certificates of calibration and traceability:

- ad 1: Michell Instruments Ltd. Cambridge, England. Certificate of calibration , certificate No. 13292
- ad 2: Michell Instruments Ltd. NAMAS Accredited laboratory No. 0179. Certificate of calibration , certificate No.:00207
Laboratory traceable to NATIONAL PHYSICAL LABORATORY, London, England and NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY, Washington D.C., USA.
- ad 2: Michell Instruments Ltd. UKAS Accredited laboratory No. 0179. Certificate of calibration , certificate No.:54239
Laboratory traceable to NATIONAL PHYSICAL LABORATORY, London, England and NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY, Washington D.C., USA.
- ad 4: Certificate of calibration (Calibration report) K002/2020, TTS, s.r.o. Praha

B) Equipment for relative humidity calibration

1. C-1 RH Relative Humidity Generator s/n 2280195
2. RHCL-1 Relative Humidity Generator s/n 0151100
4. Saturated salt solutions Reg. No. 01 to 04/99 :
LiCl (HFP 11), MgCl₂ (HFP 33), NaCl (HFP 75) a K₂SO₄ (HFP 98). HFP = Humidity fixed point
5. Smart hygrometer HG 120-00002 s/n 02113 with measuring probe HTP-2215220 s/n 02113
6. Smart hygrometer HG 120-00002 s/n 22112 with measuring probe HTP-2715230 s/n 22112

Certificates of calibration and traceability:

- ad 1: General Eastern Instruments. Woburn, Main,USA. Certificate of conformance No 246764.
- ad 2: General Eastern Instruments. Woburn, Main,USA. Certificate of conformance No 261198-99.
Laboratory traceable to NATIONAL INSTITUTE FOR STANDARDS & TECHNOLOGY, Washington D.C., USA.
- ad 4: Certificate of calibration (Calibration report) K003/2020, TTS, s.r.o. Praha
- ad 5: Certificate of calibration No. K004/2020, TTS, s.r.o. Praha

C) Equipment for temperature calibration

1. Laboratory thermometer EXT-809-97, EXATHERM
2. Laboratory resistance thermometer Pt 100, HERAEUS type LW 3, s/n 491228
3. Calibration resistors 10 000 Ω Reg. No. 02001 and 13850 Ω Reg. No. 02002 for simulation of Pt 10 000 sensor
4. Calibration resistors 10 000 Ω Reg. No. 02003, 12360 Ω Reg. No. 02004 and 15490 Ω Reg. No. 02005 for simulation of Ni 10 000 sensor
5. Dual etalon of resistors RP-10 kΩ+13,85 kΩ, MEATEST Brno

Certificates of calibration and traceability:

- ad.1: EXATHERM, s.r.o., Železný Brod. ČR. Certificate of calibration No. PT-899-97
Czech Metrology Institute RI Praha. Verification certificate No. CM 122/1/045/96
Calibration laboratory ČEZ, JE Dukovany. Certificate of calibration No. J 62.01.MST.0239
- ad.2: Calibration laboratory ČEZ, JE Dukovany. Certificate of calibration No. J 62.01.MST.0584
- ad.5: Calibration laboratory MEATEST, Brno. Certificate of calibration No. 234

D) Interlaboratory comparison tests:

1. Czech metrological institute Brno No. 0318-OV-C21005-06, s/n of comparison MPZ 72-1000-06
2. Slovak Institute of Metrology Bratislava. Certificate of calibration No. 660/260/34/10

Approved:

Prague, 10th March 2020

Approved by:	Lenka Mikuličková, MSc.	Managing director
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