

CERTIFICATE OF ACCREDITATION

No. K-102

dated 23.04.2025

The Slovak National Accreditation Service issues a Certificate of Accreditation to an accredited body pursuant to Section 26 par.6 of Act No. 53/2023 Coll. on Accreditation of Conformity Assessment Bodies (hereinafter referred to as the "Accreditation Act").

MicroStep-MIS, spol. s r.o.Čavojského 1, 841 04 Bratislava
ID Number: 35 791 489

Organizational unit performing the activity of the Accredited Body:
Calibration laboratory

Workplace of the Accredited Body:
Čavojského 1, 841 04 Bratislava

Identification number of the Accredited Body: 552/K-102**Area of accreditation:** Calibration laboratory

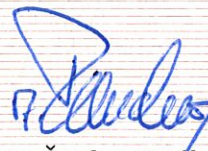
The accredited body demonstrated its competence to perform the accredited activity fulfilling the accreditation requirements of **ISO/IEC 17025: 2017** when performing calibration of instruments of temperature, humidity, pressure and rain gauges within the scope of accreditation stated in the Annex of this Certificate of Accreditation. The Annex shall form an integral part of the Certificate of Accreditation.

Number and date of issue of the accreditation decision: No. 552/11902/2025/1 dated 04.04.2025

Validity of the accreditation decision:

The accreditation decision No. 552/11902/2025/1 dated 04.04.2025 is valid from 23.04.2025 to 02.02.2027.

The validity of this Accreditation Certificate expires upon the expiry of the accreditation decision, the decision on withdrawal of the accreditation pursuant to Section 31 or the expiry of the accreditation pursuant to Section 32 of the Accreditation Act.


Štefan Král
director

Scope of Accreditation

Accredited body: MicroStep-MIS, spol. s r.o.
Čavojského 1, 841 04 Bratislava

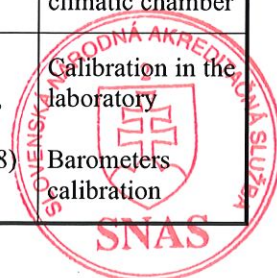
Organizational unit performing the activity of the accredited body:
Calibration laboratory

Place of performance of the accredited body:
Čavojského 1, 841 04 Bratislava

Identification number of the accredited body: 552/K-102

Laboratory with fixed scope

| Item | Kind of measuring instrument/measurement means | Calibrated/measured quantity | Measurement range | Expanded uncertainty $U(k=2)$ | Established methods | | Other specifications |
|------|-------------------------------------------------------------|------------------------------|---------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------|
| | | | | | Kind/ Principle | Identification | |
| 1.1 | Platinum Resistance Temperature Sensors Pt100 | Temperature | (-45 to +60) °C | 0.06 °C | immediate comparison with temperature standard | PP-KL-01 (WMO-No.8) | Calibration in the laboratory 4-wire sensor, the medium is ethanol or water |
| 1.2 | Thermographs, Platinum Resistance Temperature Sensors Pt100 | Temperature | (-40 to +60) °C | 0.6 °C | immediate comparison with temperature standard | PP-KL-10 (WMO-No.8) | Calibration in the laboratory Calibration in the climatic chamber (in the air) |
| 2.1 | Relative humidity sensors | Relative humidity | (5 to 40) % (40 to 80) % (80 to 97) % | 0.6 % 1.0 % 1.2 % | immediate comparison with relative humidity standards (temperature standard + dew point temperature standard) | PP-KL-03 (WMO-No.8) | Calibration in the laboratory Calibration in the humidity generator |
| 2.2 | Dew point temperature sensors | Temperature | (-20 to +40) °C | 0.19 °C | immediate comparison with dew point temperature standard | PP-KL-03 (WMO-No.8) | Calibration in the laboratory Calibration in the humidity generator |
| 2.3 | Relative humidity sensors | Relative humidity | (25 to 90) % RH | 4.0 % | immediate comparison with relative humidity standards | PP-KL-10 (WMO-No.8) | Calibration in the laboratory Calibration in the climatic chamber |
| 3.1 | Absolute pressure sensors | Pressure | (500 to 1100) hPa | 6 Pa | immediate comparison with pressure standard | PP-KL-04, PP-KL-09 (WMO-No.8) | Calibration in the laboratory Barometers calibration |



Annex to the Certificate of Accreditation No. K-102 dated 09.09.2023.

The Annex is an integral part of the
Certificate of Accreditation

| Item | Kind of measuring instrument/ measurement means | Calibrated /measured quantity | Measurement range | Expanded uncertainty $U(k=2)$ | Established methods | | Other specifications |
|------|-------------------------------------------------|-------------------------------|-------------------|-------------------------------|--------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | | | Kind/ Principle | Identification | |
| 4.1 | Tipping bucket rain gauges | Quantity of precipitation | (10 to 25) mm | 1 % | gravimetric traceability of defined volume | PP-KL-05 (WMO-No.8) | Calibration in the laboratory rain intensity generator During calibration rain gauge consider the area S of rain gauge in accordance with the specific type. |
| 4.2 | Weighing rain gauges | Quantity of precipitation | (0,1 to 300) mm | 0,02 mm | immediate comparison with weight standards | PP-KL-06 (WMO-No.8) | Calibration in the laboratory Differential method |

