



TURKISH ACCREDITATION AGENCY

ACCREDITATION CERTIFICATE

As a Calibration Laboratory,

METEOROLOJİ GENEL MÜDÜRLÜĞÜ Kalibrasyon Merkezi

Kütükçü Ali Bey Cad. No:4 Kalaba 06120 ANKARA / TURKEY

is accredited in accordance with TS EN ISO/IEC 17025:2012 standard within the scope given in Annex following the assessment conducted by **TURKAK**.

Accreditation Number : AB-0072-K

Accreditation Date : 30 April 2010

Revision Date / Number : 07 November 2018 / 07

This certificate shall remain in force until **06 November 2022**, subject to continuing compliance with the standard **TS EN ISO/IEC 17025:2012**, related regulations and requirements.



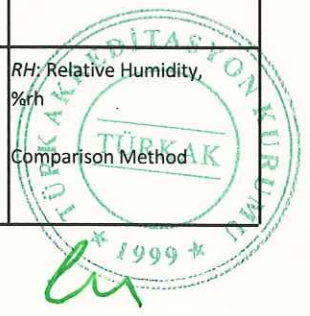
Orbay EVRESEVDİ
Deputy Secretary General

Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Agreement (MRA) in the scope of ISO/IEC 17025.

**Annex of the certificate (Page 1/2)
Accreditation Scope**


 TÜRKAK  Kalibrasyon TS EN ISO/IEC 17025 AB-0072-K	METEOROLOJİ GENEL MÜDÜRLÜĞÜ Kalibrasyon Merkezi Accreditation Nr: AB-0072-K Revision Nr: 07 Date: 18.12.2018	
	As a Calibration Laboratory Address : Kütükçü Ali Bey Cad. No:4 Kalaba 06120 ANKARA/TÜRKİYE	

Measured Quantity Instrument or Gauge	Range	Measurement Conditions	Calibration and Measurement Capability Expanded Uncertainty (k=2) (±)	Explanations
PRESSURE Absolute Pressure Pneumatic Barometers	750 hPa ≤ p ≤ 1050 hPa	<u>Reference Standard</u> <u>Equipment:</u> Pressure Chamber Pressure Calibrator	0,12 hPa 0,08 hPa	p: Abs. Pressure, hPa Calibration procedure prepared accordance with Guides DKD-R 6-1, Euramet cg-17 and OIML R 97.
TEMPERATURE Resistance Thermometers	Triple Point of Water Cell 0.01 °C	Calibration in the TPW Cell	8 m°C	Calibration in the fixed point
Resistance Thermometers	-40 °C ≤ T ≤ +50 °C	In fluid calibration bath	0,04 °C	T: Temperature, °C Comparison Method
Resistance Thermometers	-40 °C ≤ T ≤ +50 °C	In climate chamber	0,13 °C	T: Temperature, °C Comparison Method
Fully Immersed Liquid in Glass Thermometers	-40 °C ≤ T ≤ +50 °C	In fluid calibration bath	0,06 °C	T: Temperature, °C Comparison Method
Calibration of temperature indicators with probes	-40 °C ≤ T ≤ +50 °C	In fluid calibration bath	0,05 °C	T: Temperature, °C Comparison Method
Calibration of temperature indicators with probes	-40 °C ≤ T ≤ +50 °C	In climate chamber	0,13 °C	T: Temperature, °C Comparison Method
RELATIVE HUMIDITY Relative Humidity Measuring Instruments	10 %rh ≤ RH ≤ 80 %rh	In humidity generator (at the fixed temperature point of (23±1) °C)	1,2 % RH	RH: Relative Humidity, %rh Comparison Method
RELATIVE HUMIDITY Relative Humidity Measuring Instruments	81 % rh ≤ RH ≤ 95 % rh	In humidity generator (at the fixed temperature point of (23±1) °C)	2 % RH	RH: Relative Humidity, %rh Comparison Method



Annex of the certificate (Page 2/2)

Accreditation Scope

 Kalibrasyon TS EN ISO IEC 17025 AB-0072-K	METEOROLOJİ GENEL MÜDÜRLÜĞÜ Kalibrasyon Merkezi Accreditation Nr: AB-0072-K Revision Nr: 07 Date: 18.12.2018
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Measured Quantity Instrument or Gauge	Range	Measurement Conditions	Calibration and Measurement Capability Expanded Uncertainty (k=2) (±)	Explanations
RELATIVE HUMIDITY Relative Humidity Measuring Instruments	10 % rh ≤ RH ≤ 80 % rh	In climate chamber (at the fixed temperature point of (23±1) °C)	2,5 % RH	RH: Relative Humidity, %rh Comparison Method
FLUID FLOW - AIR VELOCITY Anemometers (Pitot tube, propeller, thermal, cups, ultrasonic anemometers, etc.)	1,0 m/s ≤ v < 3,0 m/s	Measurement reference: Micro-manometer attached pitot tube in wind tunnel Fluid: Air, at atmospheric conditions	3,0 %	v : Air speed, m/s Comparison Method
Anemometers (Pitot tube, propeller, thermal, cups, ultrasonic anemometers, etc.)	3,0 m/s ≤ v ≤ 35,0 m/s	Measurement reference: Micro-manometer attached pitot tube in wind tunnel Fluid: Air, at atmospheric conditions	2,0 %	v : Air speed, m/s Comparison Method

End of Scope


Orbay EVRENEVDİ
 Deputy Secretary General

