



Annex (1)

To the Accreditation Certificate No. **JAS Cal. - 016** Dated **03-12-2025**

for The Laboratory at Aurum for Laboratory and Machinery Solutions / Amman

Scope of Accreditation

In the Field of Temperature, Humidity and Pressure Calibration

(Permanent and On-Site)

Measurand	Measuring Range	Calibration and measurement Capability (CMC) ^a	Calibration Methods/ Standards/ Remarks
Temperature			
Thermocouple sensors	≥ -20 to ≤ 150 °C	0.7 °C	EURAMET cg-08 Version 3.1 (02/2020) “Guidelines on the Calibration of Thermocouples”
RTD`s Sensors	-20 °C	0.22 °C	IEC 60751 Edition 3.0 2022-01 “Industrial Platinum Resistance Thermometers and Platinum Temperature Sensors”, Celal Bayar University Journal of Science Volume 14, Issue 1, p 41-49 “Calibration of a Platinum Resistance Thermometer (Pt 100) and Its Measurement Uncertainty Analysis
	(> -20 to < 90) °C	0.21 °C	
	(≥90 to < 150) °C	0.18 °C	
	150 °C	0.16 °C	
Humidity			
Direct measurement of relative humidity sensors (Mechanical sensors are not included)	Temperature ≥10 to ≤ 40 °C	Temperature 0.5 °C	DKD-R 5-8 Edition 10/2019 “Calibration of hygrometers for the direct measurement of relative humidity”
	10 %RH	2.0 %RH	
	(> 10 to ≤ 50) %RH	2.1 %RH	
	(> 50 to ≤ 90) %RH	2.9 %RH	
Pressure			
Burdon Tube Pressure Gauge	-0.8 to 20 bar	0.06 bar	DKD-R 6-1 Guideline Edition 03/2014 “Calibration of Pressure Gauges” sequence C



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a) The reported CMCs are expressed at approximately the 95 % level of confidence, using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

List of employees in the laboratory who are technically responsible for issuing the calibration certificates in the scope of accreditation:

- Mohammad Ajarmeh: Quality Manager
- Husam S. Joudeh: Laboratory Manager
- Anas Mahmoud Al-haleeq: Calibration and validation Engineer