



**THE HASHEMITE KINGDOM OF
JORDAN**
Accreditation Unit



Annex (1)

To the Accreditation Certificate No. JAS Cal. – 004 Dated 28-03-2024

For The Laboratory at Rum for Calibration, Qualification and GMP

Consultation/ Amman

Scope of Accreditation

Calibration of Temperature, Pressure and Humidity (Permanent and On-site)

Measurand	Measuring Range	Calibration and measurement Capability (CMC) ^a	Calibration Methods/ Standards/ Remarks
Temperature			
Temperature calibrator	-35 °C ≤ T < 0 °C	0.9 °C	EURAMET calibration guide NO.13 Version 4.0(09/2017) <u>Calibration service provided at the Lab (Permanent)</u>
	0 °C ≤ T < 100 °C	0.4 °C	
	100 °C ≤ T < 200 °C	0.4 °C	
	200 °C ≤ T < 300 °C	0.5 °C	
	300 °C ≤ T < 400 °C	0.6 °C	
	T = 400 °C	0.8 °C	
Thermometers/ RTD Thermometer	-35 °C ≤ T < 0 °C	0.9 °C	EURAMET calibration guide Cg.8 Version 3.1(02/2020) <u>Calibration service provided at the Lab (Permanent) and (on-site)</u>
	0 °C ≤ T < 100 °C	0.4 °C	
	100 °C ≤ T < 200 °C	0.4 °C	
	200 °C ≤ T < 300 °C	0.5 °C	
	300 °C ≤ T < 400 °C	0.6 °C	
	T = 400 °C	0.8 °C	
Thermocouples /Temperature sensor with indicators	-35 °C ≤ T < 0 °C	0.9 °C	EURAMET calibration guide Cg.8 Version 3.1(02/2020) <u>Calibration service provided at the Lab (Permanent) and (on-site)</u>
	0 °C ≤ T < 100 °C	0.4 °C	
	100 °C ≤ T < 200 °C	0.4 °C	
	200 °C ≤ T < 300 °C	0.5 °C	
	300 °C ≤ T < 400 °C	0.6 °C	
	T = 400 °C	0.8 °C	
Pressure			
Pneumatic (Pressure Gauge)	(0 ≤ P ≤ 10) bar	25 mbar	DKD-R6-1 Version 03/2014 Sequence c <u>Calibration service provided at the Lab (Permanent) and (on-site)</u>
	(11 ≤ P ≤ 20) bar	50 mbar	
Humidity			
Humidity data loggers and Hygrometers	10 ≤ %RH < 50	2% RH	In house method SOP- T050 Revision 1/e <u>Calibration service provided at the Lab (Permanent) and (on-site)</u>
	50 ≤ %RH < 80	3% RH	
	%RH = 80	4% RH	
Temperature (Air Type Sensors)	≥ 10 °C to 50 °C	0.6 °C	

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.



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

1. Mr. Qussay Talafhah – Technical and Lab Manager
2. Eng. Huda shaltaf Quality manager.
3. Sahem Saleh - Calibration & Qualification Engineer.
4. Mohamed Iqbal - Calibration & Qualification Engineer.