



Annex (1)

Updated on: 28/07/2022

To the Accreditation Certificate No. **JAS Cal. – 006** Dated **26-03-2019**

For the Laboratory of **MIKIAL** for Calibration and Industrial Consultation (**MCIC**)

Scope of Accreditation

Temperature and Pressure Calibration

Permanent and onsite

Measurand	Measuring Range	Calibration and measurement Capability (CMC) ^a	Calibration Methods/ Standards/ Remarks
Temperature			
Resistance Thermometers (PRTs) with Indicators	-25 °C to 0 °C	0.11 K	FLUKE 9142 Dry Block, FLUKE 1502A and FLUKE 5615 Platinum Resistance Thermometer, Calibration is done according to CA08001 SOP
	> 0 °C to 25 °C	0.11 K	
	> 25 °C to 50 °C	0.11 K	
	> 50 °C to 75 °C	0.12 K	
	> 75 °C to 125 °C	0.12 K	
	> 125 °C to 150 °C	0.12 K	
Pressure			
Pneumatic Pressure Gauge	-0.6 to <10 bar 10 to 20 bar	0.058 bar 0.6 % of span	FLUKE 719PRO-300G and FLUKE 750PD2. Calibration is done (sequence C) according to DKD-R-6-1. It is explained in CA08006 SOP

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:

1. Hussam S. Joudeh, Lab Manager
2. Hussam Shraim, Quality Supervisor
3. Ala'a Al-Hasan, Calibration Engineer