



Annex (1)

Updated on :10-05-2021

To the Accreditation Certificate No. **JAS Cal. - 007** Dated **2019-01-06**

For Precision Measurement Equipment Laboratories (PMEL),
Royal Jordanian Air Force (RJAF) / Zarqa
Scope of Accreditation
In the Field of Balance Calibration

| Measurand | Measuring Range | Calibration and measurement Capability (CMC) ^a | Calibration Methods/ Standards/ Remarks |
|---|------------------|---|---|
| Mass | | | |
| CALIBRATION OF NON-AUTOMATIC WEIGHING INSTRUMENTS * | 1 mg to 20 g | 0.2 mg | IN HOUSE METHOD RJAF-ISO-1, REVISION 1.4 DATE 18 AUGUST 2018 W is the measured weight Reference masses used are of class E1 |
| | 20 g <W ≤ 50 g | 0.4 mg | |
| | 50 g <W ≤ 100 g | 0.6 mg | |
| | 100 g <W ≤ 200 g | 1.2 mg | |
| | 200 g <W ≤ 500 g | 4 mg | |
| | 500 g <W ≤ 1 kg | 6 mg | |
| | 1 kg <W ≤ 2 kg | 12 mg | |
| | 2 kg <W ≤ 5 kg | 29 mg | |
| | 5 kg <W ≤ 10 kg | 60 mg | |
| | 10 kg <W ≤ 20 kg | 0.2 g | |
| | 20 kg <W ≤ 32 kg | 0.3 g | |

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.

* All calibrations are done inside and outside the laboratory except for balances of class (I) done on-site only.



THE HASHEMITE KINGDOM OF
JORDAN
Accreditation Unit



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

- 1- Eng. Ahmad Fraij, PMEL Manager.
- 2- Eng. Tareq Alqaise, Quality Manager
- 3- Jamal Bani Rshaid/ Technician/ physical lab officer (Mass).
- 4- Alaa Al-Oumoush/ Technician.
- 5- Mohammed Yousef AlKhamaiseh/ Technician.
- 6- Mohammad Hawamdeh/ Technician,



Annex (2)

Updated on: 10-05-2021

To the Accreditation Certificate No. JAS Cal. - 007 Dated 2019-01-06

Laboratories of Precision Measurement Equipment (PMEL), Royal Jordanian Air Force
(RJAF) / Zarqa

Scope of Accreditation
In the Field of Temperature Calibration

| Measurand | Measuring Range | Calibration and measurement Capability (CMC) ^a | Calibration Methods/ Standards/ Remarks |
|---|-----------------|---|--|
| Temperature | | | |
| Temperature Dry Well (Block) Calibrator | (-50 to 0) °C | 0.18 | IN HOUSE METHOD RJAF-ISO-2, REVISION 1.0 DATE 28 FEBRUARY 2019 ACCORDING TO EURAMET CG NO. 13, VERSION 4.0 (09/2017) |
| | (0 to 40) °C | 0.12 | |
| | (40 to 200) °C | 0.18 | |
| | (200 to 400) °C | 0.27 | |
| | (400 to 450) °C | 0.27 | |

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- Eng. Ahmad Fraij, PMEL Manager.
- 2- Eng. Tareq Alqaise, Quality Manager
- 3- Eng. Mohammad Almomani/ PHL (1) Laboratory Officer
- 4- Abdallah Al-Khateeb / PHL(1) Technician.
- 5- Abbalrahman Sroor / PHL(1) Technician.