

Calibration Certificate

Al Takamul Yard North Rumailah, Iraq

• Phone : +964 7810009138 • www.qualitycontrol-iraq.com • E-mail: op@qualitycontrol-iraq.com

Date of Issue

April 25, 2024

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REQUEST NUMBER : By Mail	CUSTOMER DETAILS
JOB NUMBER : QC/JN/24/00190	Name : Halliburton Worldwide Iraq (CMT)
CERTIFICATE NUMBER : QC240425-01	Address : Western Burjesia, Oil Street Zaubair , South Iraq

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : Weighing Balance
 Manufacturer : ARMSTRONG
 Model : AM-CW-I
 Serial Number : **WB-001**
 Range : 0 kg to 2500 kg
 Calibrated Range : 0 kg to 20 kg
 Resolution : 1 kg
 As found : In Tolerance
 Calibration Date : April 25, 2024
 Calibration Due : **April 24, 2025**
 Last Calibration : March 31, 2022



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22 °C ± 2 °C
 Relative Humidity : 40 %RH ± 5 %RH

CALIBRATION METHOD

The above equipment has been calibrated in accordance with international standard Calibration Procedure Euramet cg-18.
 The unit under calibration (UUC) was calibrated by direct measurement technique .

TRACEABILITY

The measurements made by Issued by: Quality Control Calibration & Testing Lab., realize the physical units of measurements (SI), through its state of the art calibration standards that are controlled and maintained by QC.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL #	CALIBRATION DATE	CALIBRATION DUE DATE
Set of Standard Masses (F1)	55488662	25 Aug, 2023	24 Aug, 2024

CALIBRATION TEST RESULTS

Calibration Step	Applied Mass	Average Measured Value	Error	Measurement Uncertainty
	kg	kg	kg	± kg
1	2.000	2.000	0.000	0.002
2	5.000	5.000	0.000	0.002
3	10.000	10.000	0.000	0.002
4	15.000	15.000	0.000	0.002
5	20.000	20.000	0.000	0.002

Calibration results were found to conform as per specified accuracy requirements. Above Instrument has **PASSED** its Calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice.

REMARK (S) : The results are as found (no adjustment done).
 The results are post adjustment.

CALIBRATED BY  Mahdi Halim	REVIEWED & APPROVED BY LAB INCHARGE  LAB INCHARGE Asjad Rafiq	CLIENT
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