

Certificate of Calibration

Al Takamul Yard, North Rumaila, South Iraq

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Date of Issue: April 25, 2024

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REQUEST NUMBER : N/A WEB REQUEST NUMBER : QC/JN/24/00190 CERTIFICATE NUMBER : QC240425-03	CUSTOMERS DETAILS Name : Halliburton Worldwide-Iraq Branch (CMT) Address : Oil Street, Western Burjessia Basra South Iraq
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EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : DEAD WEIGHT SET
Manufacturer : Fann
SAP : 300087901
Serial Number : UUC/00155
As Found : In Tolerance
Calibration Date : April 25, 2024
Calibration Due : April 24, 2025
Last Calibration : March 15, 2024



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature	22 °C	±	2 °C
Relative Humidity	30 %RH	±	5 %RH
Barometric Pressure	1011 hPa	±	2 hPa

CALIBRATION METHOD

The masses were verified according to ABBA protocol using the procedure **DMS 2006:2010** based on (OIML R111-1:2004).
 The conventional mass value of the weights were determined by comparison with working standard weights of compatible class with valid traceability to international standard.

REFERENCE EQUIPMENT USED :

DESCRIPTION	SERIAL NO.	CERTIFICATE NO.	CALIBRATION DATE	DUE DATE
Precision Weights E2 Class	232154568	LT230825-10	25-Aug-23	24-Aug-24
Mass Comprator	12554436	LT230825-13	25-Aug-23	24-Aug-24

CALIBRATION TEST RESULTS

NOMINAL VALUE	MARKING	CONVENTIONAL MASS (g)	UNCERTAINTY (+/- mg)
50 g	50 g	50.0013	0.132
50 g	50 g	50.0016	0.124
100 g	100 g	100.0020	0.135
200 g	200 g	199.9995	0.138

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.

DEVIATION FROM STANDARD METHOD : None

REMARK (S) :

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

CALIBRATED BY  Mahdi Halim	REVIWED & APPROVED BY LAB INCHARGE  LAB INCHARGE	CLIENT Asjad Rafiq
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Corporate Partner