

## Certificate of Calibration

Al Takamul Yard, North Rumaila, South Iraq

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**Date of Issue:** April 25, 2024

Page 1 of 1

<b>REQUEST NUMBER</b> : N/A <b>WEB REQUEST NUMBER</b> : QC/JN/24/00190 <b>CERTIFICATE NUMBER</b> : <b>QC240425-04</b>	<b>CUSTOMERS DETAILS</b> <b>Name</b> : Halliburton Worldwide-Iraq Branch (CMT) <b>Address</b> : Oil Street, Western Burjessia Basra South Iraq
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### EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

**Description** : DEAD WEIGHT SET  
**Manufacturer** : Fann  
**SAP** : 300087903  
**Serial Number** : UUC/00154  
**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)
10 g	10 g	10.0001	0.012
20 g	20 g	20.0012	0.119
50 g	50 g	49.9997	0.125
100 g	100 g	100.0004	0.185
200 g	200 g	200.0003	0.192

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	REVIWED & APPROVED BY LAB INCHARGE	CLIENT
 Mahdi Halim	 LAB INCHARGE Asjad Ra	