

## Certificate of Calibration

Al Takamul Yard, North Rumaila, South Iraq

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**Date of Issue:** April 14, 2025

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<b>REQUEST NUMBER</b> : N/A <b>WEB REQUEST NUMBER</b> : QC-CAL-25137 <b>CERTIFICATE NUMBER</b> : <b>QC-CAL-25137-01</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** : OHAUS  
**SAP** : 300087900  
**Serial Number** : PA121004WCHI  
**As Found** : In Tolerance  
**Calibration Date** : April 14, 2025  
**Calibration Due** : April 13, 2026  
**Last Calibration** : June 15, 2024



### ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature	20 °C	±	2 °C
Relative Humidity	40 %RH	±	5 %RH
Barometric Pressure	1011 hPa	±	2 hPa

### CALIBRATION METHOD

The masses were verified according to ABBA protocol using the procedure 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.	MAKE / MODEL	CALIBRATION DATE	DUE DATE
Precision Weights E2 Class	232154568	CHINA	20-Aug-24	19-Aug-25
Mass Comparator	12554436	A&D / MC-1000S	20-Aug-24	19-Aug-25

### CALIBRATION TEST RESULTS

NOMINAL VALUE	MARKING	CONVENTIONAL MASS (g)	UNCERTAINTY (+/- mg)
50 g	50 g	50.0012	0.132
50 g	50 g	50.0014	0.124
100 g	100 g	99.9993	0.126
200 g	200 g	199.9996	0.128

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.

<b>CALIBRATED BY</b>  Abdulrahman Loay	<b>REVIEWED &amp; APPROVED BY LAB INCHARGE</b>  LAB INCHARGE Asjad Rafiq	<b>CLIENT</b>
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