



Certificate of Calibration

Al Takamul Yard, North Rumailah South Iraq

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Date of Issue: July 29, 2024

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Loading Note No	: By Mail	APPROVED BY: 
JOB NUMBER	: QC/JN/24/00301	
CERTIFICATE NUMBER	: QC240729-04	

CUSTOMER DETAILS

Name : **Egyptian Maintenance Company(EMC) IRAQ**
 Address : Iraq, Basra, North Rumaila

EQUIPMENT IDENTIFICATION AND SPECIFICATIONS

Description : **Portable Hardness Teste**
 Manufacturer : ACCUD
 Model : HL200
 Serial Number : **110D2001269**
 Type : Digital
 Range : 170 - 960 HLD
 Readability : 1 HLD
 Accuracy : ±6 HLD
 As found : In Tolerance
 Calibrated By : Asjad Rafiq
 Calibration Date : July 29, 2024
Calibration Due : 28 July 2025



ENVIRONMENTAL CONDITIONS DURING TEST

Ambient Temperature : 22.0 ± 1°C Humidity : 40.0 ± 5 % RH Atm. Pressure : 1013.0 ± 10 hPa

CALIBRATION METHOD

Above mentioned instrument has been calibrated according to ASTM A956-02
 Calibration of above mentioned instrument has performed against reference standard digital Thermometer with Type K Thermocouple. The deviations of the measurements obtained from UUC with respect to reference standards are determined to obtain the error.

REFERENCE EQUIPMENT USED :

DESCRIPTION	MAKE	SERIAL #	CALIBRATION DATE	DUE DATE
HB HAEDNESS TEST BLOCK	CHINA	5586642	20-Nov-23	19-Nov-24

CALIBRATION TEST RESULTS

Readings on Ref. Standard		Readings on UUC		Error	Uncertainty (95 % C.L)
TEST	HLD	HLD	HLD	HLD	± (HLD)
1	790	791.0	791.0	1.00	0.20
2	790	792.0	792.0	2.00	0.20
3	790	791.0	791.0	1.00	0.20
4	790	793.0	793.0	3.00	0.20
5	790	792.0	792.0	2.00	0.20
6	790	791.0	791.0	1.00	0.20

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.