



Al Takamul Company For Engineering Services
Quality Control – Iraq

CALIBRATION CERTIFICATE

Certificate No.:	QC240427-34	Date of Calibration:	27-04-2024
Customer Name:	Daqing Drilling Company IRAQ	Due Date of Calibration:	26-04-2025
Instrument under Calibration:	Timer/Stop Watch	Range:	0 –10 Hrs
Serial No. :	140645466	Area:	Mud Unit
Model No. :	1045	Resolution	0:00'00'01
		Job Number:	QC/JN/24/00193
		Manufacturer:	Control Company
Calibration Method:	Based on NIST 960-12 ; The reported uncertainty is the expanded uncertainty with k=2 according to the ISO/IEC "Guide to the expansion of uncertainty in measurement" providing a level of confidence of approximately 95%		

Equipment used for calibration: Digital Stop Watch Manufacturer: CASIO -Japan

Serial No.	Model No.	Range	Traceability	Due Date
185Q02W	HS-80TW-1	0~24 Hrs	LT231102-23	02/11/2024

Environmental Conditions during calibration:

40.2 % RH	Calibration Temperatures Mean:22.5°C
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RESULTS

The instrument under calibration was calibrated up to full scale according to the used standard calibration method. The following gives the under test readings and the corresponding reference mean readings:

Unit Under Calibration(Seconds)	ReferenceInstrument Reading (Seconds)	Reference Value (Seconds)	
		Value Rising	Value Falling
0:00'00'00	0:00'00'00	0:00'00'00	0:00'00'00
0:00'00'10	0:00'00'10	0:00'00'10	0:00'00'10
0:00'00'30	0:00'00'30	0:00'00'30	0:00'00'30
0:00'00'50	0:00'00'50	0:00'00'50	0:00'00'50
0:00'10'15	0:00'10'15	0:00'10'15	0:00'10'15
0:00'30'25	0:00'30'25	0:00'30'25	0:00'30'25
0:00'55'20	0:00'55'20	0:00'55'20	0:00'55'20

Uncertainty of measurements: $\pm (0:00'00'01)$ Seconds

Results: The above Value Indicates That the Micrometer Permissible Error Tolerance At The Time of Calibration . And result has been accepted and ready for use.

The Instrument Specification

- This calibration was carried out in compliance with the **ISO/IEC 17025/NIST 960-12**
- The standard/standards used in this calibration is/are traced to the SI unit of pressure through traceability to primary standards maintained in the National Institute of Standards (NIS)
- This calibration certificate refers only to the particular item submitted for calibration
- This certificate shall not be reproduced, unless written permission has been obtained from the lab
- Customer should ensure comparing between instrument data sheet and the above results before assembly.
- This certificate is valid only with signature and stamp.

Calibrated By:

Signature:



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