



Calibration Certificate

شركة عبداللطيف حسين أبو الجدائل وأولاده
Abdullatif H. Abuljadayel & Sons Co.



Right Solutions

Customer : **HOMELAND SECURITY TRADING EST.** Instrument : **TRACEABLE - DIGITAL TIMER**
Location : **RIYADH** Serial No. : **230214576**
Certificate # : **ALA/HSTE/#3:1222W24/210425** Date of Cal : **APRIL 21,2025**
Due of Cal : **APRIL 21,2026**

DIGITAL TIMER CALIBRATION DATA

Ambient Temp: 22 +/- 2 °C

Relative Humidity: 25% +/- 5%

Reference Details:

Brand : XINKO
1/100 STOP WATCH / TIMER
SN : SN # 1GW0409S60
Range : 12/24 HR
Resolution : 00:00:00:000

UUC (Unit Under Calibration) Details:

Brand : TRACEABLE
122W24 DIGITAL TIMER
Serial No. 230214576
Range : 99:59:59
Resolution : 00:00:00

PREPARATION : CHECK THE STOP WATCH/TIMER FOR ANY PHYSICAL DAMAGES. CHECK ALL BUTTON FOR PROPER USES.

PROCEDURE : THERE ARE 2 METHOD FOR CALIBRATION, ONE METHOD IS STARTING THE TIMER/COUNTER AND THE STOP WATCH BY PRESSING THEM AT THE SAME TIME. BUT THIS CAN HAVE A HUMAN ERROR APPROXIMATELY 0.5 SECONDS, OR BY USING CAMERA AND TAKING SUCCESSIVE FRAME OR SHOTS.

TIMER TEST :

LAPSED TIME HH:MM:SS	Reference Timer Digital timer Calibrator	(UUC-Unit Under Calibration) Traceable Timer Readings	Difference Between UUC & Reference	Difference Between UUC & Test Points
00:01:00	00:01:009	00:01:01	-0:001	0:01
00:10:00	00:10:009	00:10:01	-0:001	0:01
00:30:00	00:30:007	00:30:01	-0:003	0:01
01:00:00	01:00:007	01:00:01	-0:003	0:01
24:00:00	24:00:008	24:00:01	-0:002	0:01

CALIBRATION CERTIFICATE

This is to certify that the Instrument was calibrated by method 1 of pressing start/stop of Reference and UUC at the same time, together with one reference Standard Scale having known and traceable values of uncertainty. Each of the above readings was derived from a number of readings taken at or close to the stated Lapsed time. The uncertainty associated with the Test/Set Timer does not exceed +/- 1ss Second.

Remarks : The Instrument is now on its normal working condition.

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Calibrated By:

Justin Mark Maranan
Technical Engineer



An ISO 9001:2015 Certified Company