

CERTIFICATE OF CALIBRATION

RAS-Y-26085008

Certificate No: RAS-Y-26085008
Customer: AL-MAYAL Company
Location: Iraq – Basra

Date: 14/08/2026

Equipment Description: Circuit Breaker Timing Analyzer
Manufacture: KoCoS Messtechnik AG
Serial Number: 21606122101
Model: ACTAS P14II
Range: Multiple
Accuracy: As Per Manufacture Specification



Status: Calibrated

Calibration Date: 14/08/2026

Calibration Due: 13/08/2027

Environmental Conditions

Temperature: (24± 2) °C

Humidity: (25 ± 10) % RH

Reference Equipment Details:

Equipment	Model	Serial No.	Calibration Due
Digital Timer Reference	TimeTech TTR-200	TT200-1234	2026-01-15
Digital Multimeter	Fluke 8846A	FL8846-552	2025-12-10

Test Results:

Parameter	Test Point	Measured Value	Tolerance	Status
Opening Time Channel A	50 ms	49.9 ms	±0.5 ms	PASS
Closing Time Channel A	60 ms	60.2 ms	±0.5 ms	PASS
Coil Voltage Measurement	110 V	109.8 V	±1 V	PASS
Resistance Channel A	0.2 Ohm	0.19 Ohm	±0.01 Ohm	PASS
Synchronization Error (3-ph)	≤0.2 ms	0.1 ms	±0.1 ms	PASS

End of Test Result

Calibration Engineer Signature:

Mustafa Salman



Instruments or Device Final Status:

QA/QC Manager O.S.A