

Certificate of Calibration

Date of Issue: **14-06-2023**

Job No: ***9004/CEF VOUCHER 23**

Client: **RIS SVS
c/o CITY ELECTRICAL FACTORS LTD
20 HARVEST DRIVE SOUTH
LOWESTOFT IND. EST.
LOWESTOFT
SUFFOLK
NR33 7NJ**

Description: **Digital Portable Appliance Tester**

Manufacturer: **KEWTECH**

Type: **SMARTPAT**

Serial No: **E0128706**

Date of Calibration: **14-06-2023**

Pre-cal Status: **-**

Test Conditions

The ambient temperature throughout the period of test was $20 \pm 2^{\circ}\text{C}$ and the relative humidity $50\% \pm 10\% \text{ rh}$.

The instrument was calibrated using Laboratory Standards traceable to BS EN ISO/IEC 17025 Standards.

The calibration and procedures used are proven to meet the requirements of ISO 9001:2015.

All results recorded were found to meet the manufacturer's published specification

No Adjustments were made and unit is functioning correctly at time of calibration

Standards Used: **Transmille 3200 - Fluke 5520A**

Calibrated by: **James Breen**

Certified by: **Ian Park**

The reported uncertainty is based on standard uncertainty multiplied by a covering factor $k=2$, providing a level of confidence of approximately 95%

CERTIFICATE OF CALIBRATION

Certificate No.

0262541

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Range	Applied Value	Indication		Uncertainty
CONTINUITY	0.10 Ω	0.10	Ω	0.05Ω + 1 digit
	0.60 Ω	0.60	Ω	
INSULATION	2.00 MΩ	2.00	MΩ	
	7.00 MΩ	6.99	MΩ	
PE CONDUCTOR	1.00 mA	1.01	mA	0.05 mA + 1 digit
EARTH LOOP	5.00 Ω	N/A	Ω	0.05Ω
	10.00 Ω	N/A	Ω	
	100.00 Ω	N/A	Ω	
RCD 0°	30 mA	31.66	mA	1% + 1mA
RCD 180°	30 mA	31.65	mA	
RCD TRIP 0°	200.00 ms	200	ms	2ms
RCD TRIP 180°	200.00 ms	200	ms	