

CERTIFICATE OF CALIBRATION

Issued By Associated Calibration & Training Ltd

Date of Issue 23 April 2024

Certificate Number
ACT72889

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Associated Calibration & Training Ltd
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Approved Signatory

T.P Rowley Ehsan A. J Corbishley R.T Smith P.G Casey

Customer : Dave Jones (Oswestry)
4 Lime Grove, Oswestry
Shropshire SY11 2QE

Date Received : 23 April 2024

Instrument -	System ID :	ID17643	Job Number :	S65614-1
	Description :	Portable Appliance Tester		
	Manufacturer :	Seaward	Site :	
	Model Number :	PT100	Location :	
	Serial Number :	18K-0065	Last Certificate Number :	ACT59381
	Procedure Version :	49 3.00	Last Calibration Date :	24/04/2023

Environmental Conditions

Temperature :	21°C +/- 3°C	Mains Voltage :	240V +/- 10V
Relative Humidity :	50% +/- 15%	Mains Frequency :	50Hz +/- 1Hz

Comments

The Instrument was allowed to stabilise before calibration.

Traceability Information

<i>Instrument description</i>	<i>Serial number</i>	<i>Certificate number</i>	<i>Cal. Date</i>	<i>Cal. Period</i>
3200 Electrical Test Calibrator (STD)	M1405B16	UKAS50915	26/02/2024	52

Calibrated By : Ehsan

Date of Calibration : 23 April 2024

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.
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This certificate complies with the requirements of BS EN ISO 10012:2003.

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
General Operation				
Display	---	---	Pass	
Controls	---	---	Pass	
Class One				
Pass 1				
Linearity	22.5m Ω	0.10 Ω	0.10 Ω	Pass
1M Ω	70k Ω	1.00M Ω	1.00M Ω	Pass
0.23mA	43uA	0.230mA	0.230mA	Pass
Pass 2				
Linearity	27.5m Ω	0.17 Ω	0.17 Ω	Pass
2M Ω	120k Ω	2.00M Ω	2.00M Ω	Pass
0.12mA	32uA	0.120mA	0.110mA	Pass
Pass 3				
Linearity	48m Ω	0.54 Ω	0.54 Ω	Pass
5M Ω	270k Ω	5.00M Ω	5.01M Ω	Pass
Class Two				
Pass 1				
2M Ω	120k Ω	2.00M Ω	1.99M Ω	Pass
0.12mA	32uA	0.120mA	0.100mA	Pass
Test 2				
10M Ω	520k Ω	10.00M Ω	9.98M Ω	Pass
Extension Lead Test				
Polarity Test	---	---	Pass	
End of results				

Uncertainties

Bond Current	0 to 30 Amps: 1.5% + 6counts.
Earth Bond Ohms	0.5% + 4mohms
Insulation Ohms	10kohms to 5Mohms: 0.1%, 5Mohms to 10Gohms: 1% +/- 1 Digit.
PAT Leakage	1.5% + 0.3mA