CERTIFICATE OF CALIBRATION

Issued By Associated Calibration & Training Ltd
Date of Issue 01 June 2018

Certificate Number
ACT13532

ACT Meters2U

Associated Calibration & Training Ltd
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Approved Signatory

☑ J.A Wright ☐ D. Grace ☐ D.R Zyg ☐ P.G Casey ☐ C.M Byrne

Customer : Edinburgh Hacklab Ltd
1 Summrhall, Edinburgh
Midlothian EH9 1PL

Date Received : 01 June 2018

Instrument -

System ID :	ID17628	Job Number : C37323-1	
Description :	Portable Appliance Tester		
Manufacturer :	Seaward	Site :	
Model Number :	PT100	Location :	
Serial Number :	08K-0742		
Procedure Version :	49 1.12		

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

Instrument description	*Serial number*	*Certificate number*	*Cal. Date*	*Cal. Period*
3200A Electrical Test Calibrator (HI)	M1405B16	35531 UKAS	14/03/2018	52

Calibrated By : J.A Wright **Date of Calibration :** 01 June 2018

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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
General Operation Tests				
Controls & Display	---	---	Pass	
Class One				
Test 1				
Linearity	22.5mΩ	0.10Ω	0.09Ω	Pass
1MΩ	70kΩ	1.00MΩ	0.99MΩ	Pass
0.23mA	43uA	0.230mA	0.230mA	Pass
Test 2				
Linearity	27.5mΩ	0.17Ω	0.16Ω	Pass
2MΩ	120kΩ	2.00MΩ	1.99MΩ	Pass
0.12mA	32uA	0.120mA	0.120mA	Pass
Test 3				
Linearity	48mΩ	0.54Ω	0.53Ω	Pass
5MΩ	270kΩ	5.00MΩ	5.00MΩ	Pass
Class Two				
Test 1				
2MΩ	120kΩ	2.00MΩ	1.99MΩ	Pass
0.12mA	32uA	0.120mA	0.120mA	Pass
Test 2				
10MΩ	520kΩ	10.00MΩ	9.99MΩ	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