

# CERTIFICATE OF CALIBRATION

Issued By Britannia Test & Measurement Ltd

Date of Issue 23 February 2017

Certificate Number

STD4555

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Britannia Test & Measurement  
Cleveland House  
Eston Road  
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TS6 6UA

Approved Signatory

  
☐ A.O'Brien ☒ P.Trattles

Customer : ViaMed

Date Received :

Instrument -	System ID :	ID2750	
	Description :	Electrical Safety Analyzer	
	Manufacturer :	Fluke	
	Model Number :	ESA615	
	Serial Number :	2433026	Last Certificate Number : STD2785
	Procedure Version :	1.00	Last Calibration Date : 23/02/2016

## Environmental Conditions

Temperature : 21°C +/- 1°C  
Relative Humidity : 50% +/- 10%

Mains Voltage : 240V +/- 10V  
Mains Frequency : 50Hz +/- 1Hz

## Comments

## Traceability Information

Instrument description	Serial number	Certificate number	Cal. Date	Cal. Period
3200A Electrical Test Calibrator (STD)	M1384F15	31255	08/07/2016	52
2010 Multimeter	1174024	32809	13/02/2017	52

Calibrated By : P.Trattles

Date of Calibration : 23 February 2017

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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Test Title	Tolerance	Applied Value	Reading	Pass/Fail
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End of results

## Uncertainties

Earth Bond Ohms	0.5% + 4mohms
Bond Current	0 to 30 Amps: 1.5% + 6counts.
PAT Leakage	1.5% + 0.3mA
Insulation Ohms	10kohms to 5Mohms: 0.1%, 5Mohms to 10Gohms: 1% +/- 1 Digit.
Frequency	0.1ppM ± 1digit
Resistance	0 to 10MOhms 0.005% ± 1digit: 10Mohms to 1Gohm 0.4% ± 1 digit
A.C. Current	0 to 10A: 0.02% ± 2digit
A.C. Voltage	0 to 1000V: 0.01% ± 1digit