

CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Certificate Number 28718

Date of Issue 01 July 2015



Approved Signatory



Transmille Ltd.
Unit 4, Select Business Centre
Lodge Road
Staplehurst, Kent. TN12 0QW.
TEL 01580 890700 FAX 01580 890711

A handwritten signature in black ink, appearing to read 'M.A. Bailey'.

G.A. Shapland M.A. Bailey S.A. Hawkins J.A. Bailey

Customer : TRANSMILLE LTD.
UNIT 4 SELECT BUSINESS CENTRE, LODGE ROAD
STAPLEHURST KENT. TN12 0QW

Date Received : 01 July 2015

Instrument :	System ID :	T00004776	Job Number :	56944
	Description :	AC/DC Kilovolt Amplifier	Ref. Number :	
	Manufacturer :	Transmille	Site :	
	Model Number :	EA3024	Location :	
	Serial Number :	EXAMPLE		
	Procedure Version :	3.00/N		

Environmental Conditions

Temperature :	20°C +/- 1°C	Mains Voltage :	230V +/- 12V
Relative Humidity :	50% +/- 20%	Mains Frequency :	50Hz +/- 1Hz

Comments

Instrument was allowed to stabilise for at least 12 hours before calibration.
Tests marked # are not UKAS accredited have been included for completeness

Specifications Ref : Manufactures Spec. V3.0

Calibration Information

The instrument was calibrated against laboratory standards whose values are traceable to recognised National Standards. The uncertainty limits quoted refer to the measured values only, with no account being taken of the instruments ability to maintain its calibration.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Calibrated By : G.A. Shapland

Date of Calibration : 01 July 2015

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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UKAS Accredited Calibration Laboratory No. 0324
AFTER ADJUSTMENT RESULTS

Certificate Number
28718

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Test Title	Applied Value	Reading	Uncertainties
DC Voltage			
DC 2kV	2.000 0kV	1.997 4kV	5.7V
DC 4kV	4.000 0kV	3.998 7kV	11V
DC 5kV	5.000 0kV	4.999 4kV	14V
DC 6kV	6.000 0kV	5.998 6kV	17V
DC 8kV	8.000 0kV	8.002 7kV	23V
DC 10kV	10.000 0kV	10.004 0kV	28V
AC Voltage			
AC 2kV/50Hz	2.000 0kV	2.009 0kV	9.2V
AC 3kV/50Hz	3.000 0kV	3.008 0kV	13V
AC 4kV/50Hz	4.000 0kV	3.999 0kV	17V
AC 5kV/50Hz	5.000 0kV	4.998 0kV	21V
AC 5kV/60Hz #	5.000 0kV	4.989 0kV	21V

End of results