

# CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

Certificate Number 29436

Date of Issue 07 October 2015



Approved Signatory



Transmille Ltd.  
Unit 4, Select Business Centre  
Lodge Road  
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A handwritten signature in black ink, appearing to be 'G.A. Shapland'.

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 : 06 October 2015

<b>Instrument :</b>	System ID :	T00005411	Job Number :	58417
	Description :	HV Insulation Tester Adapter	Site :	
	Manufacturer :	Transmille	Location :	
	Model Number :	EXTHV		
	Serial Number :	111577J15		
	Procedure Version :	5.00/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.

## 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 : 07 October 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  
29436

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Test Title	Applied Value	Reading	Uncertainties
Neon	---	Pass	
-ve output to guard	101.500k $\Omega$	101.548k $\Omega$	2.4 $\Omega$
-ve O/P to pos I/P	10.000M $\Omega$	9.958M $\Omega$	1.3k $\Omega$
<b>Voltage Division Test</b>			
1000V DC	10.048V	10.094V	1.2mV

**End of results**