# CERTIFICATE OF CALIBRATION

Issued By Transmille Ltd.

**Certificate Number EXAMPLE** 

Date of Issue 09 December 2008



Approved Signatory



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EXAMPLE CERTIFICATE

□ EXAMPLE □ EXAMPLE □ EXAMPLE

**Date of Calibration: EXAMPLE** 

#### **Customer:**

#### Date Received:

**Instrument:** System ID: EXAMPLE

Description: 60A/100V High Current PSU Calibration Adapter

Manufacturer: Transmille
Model Number: EA3025
Serial Number: EXAMPLE
Procedure Version: 3.00/N

### **Environmental Conditions**

#### **Comments**

Instrument was allowed to stabilise for at least 12 hours before calibration.

Tests marked # are not UKAS accredited have been included for completeness

Procedure written to manufacturers specification.

#### **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: EXAMPLE

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It 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. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

# **CERTIFICATE OF CALIBRATION**

UKAS Accredited Calibration Laboratory No. 0324 AFTER ADJUSTMENT RESULTS Certificate Number EXAMPLE

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| Test Title          | Applied Value | Reading | Uncertainties |  |
|---------------------|---------------|---------|---------------|--|
| Voltage Measurement |               |         |               |  |
| Voltage Measurement | 20.00V        | 20.00V  | 0.01V         |  |
| Voltage Measurement | 40.00V        | 40.00V  | 0.01V         |  |
| Voltage Measurement | 60.00V        | 60.00V  | 0.01V         |  |
| Voltage Measurement | 80.00V        | 80.00V  | 0.01V         |  |
| Voltage Measurement | 100.00V       | 100.00V | 0.01V         |  |
| Current Load        |               |         |               |  |
| Load 10A            | 10.000A       | 10.001A | 1mA           |  |
| Load 20A            | 20.000A       | 20.002A | 1mA           |  |
| Load 30A #          | 30.000A       | 30.003A | 1mA           |  |
| Load 40A #          | 40.000A       | 40.005A | 1mA           |  |
| Load 50A #          | 50.000A       | 50.006A | 1mA           |  |
| Load 60A #          | 60.000A       | 60.007A | 1mA           |  |

**End Of Tests**