CERTIFICATE OF CALIBRATION

ISSUED BY: MIKIS CALIBRATION COMPANY

DATE OF ISSUE: 27 October 2011

CERTIFICATE NUMBER: 2404



STANDARDS LABORATORY

10 Potters Lane MKIS Kiln Farm

Milton Keynes Calibration Company

MK11 3HF

Tel: 01908 568250 Fax: 01908 564661 Page 1 of 2 pages

Approved Signatories

Signature

R Younger C/Kemp

Equipment Description: Manufacturer:

Type: Serial Number:

Order Number: Customer:

Location:

Date Received: Date Calibrated: Tachometer Standard

ST 6236B 06019415 18072

D J B Labcare Newport Pagnell 21 October 2011 27 October 2011

The instrument was kept in the laboratory environment for 2 Days, to allow the instrument to stabilise, prior to the tests being carried out.

The ambient temperature and relative humidity throughout the test was 20°C ± 2°C and 50% ± 20% respectively.

The uncertainties reported refer to the applied values only with no account being taken of the instruments ability to maintain its calibration.

Remarks: No adjustments were made.

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 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. 0236

Certificate Number: 2494

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Applied Valu	ie Equivalent	Value Indicated	Value
120.002 n	ns 499.92	RPM 499.5	RPM
60.001 n	ns 999.98	RPM 1000	RPM
30.002 n	ns 1999.86	RPM 1999	RPM
20.000 r	ns 3000.0	RPM 3000	RPM
15.000 r	ns 4000.0	RPM 3999	RPM
12.000 r	ns 5000.0	RPM 4999	RPM
10.002 r	ns 5998.8	RPM 5999	RPM
8.574 9 r	ns 6997.16	RPM 699	7 RPM
7.500 2 r	ns 7999.78	RPM 7999	RPM
6.000 4 r	ms 9999.33	RPM 9999	RPM
3.000 0 I	ms 20 000.0	RPM 20 00	1 RPM
1.500 2 r	ns 39 994.6	RPM 39 99	6 RPM
0.999 99 r	ms 60 000.6	RPM 60 00	RPM

The measurement uncertainties were:

Time ± 0.01% + 1 LSD

END

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.