CERTIFICATE OF CALIBRATION

ISSUED BY: MKIS CALIBRATION COMPANY

DATE OF ISSUE: 07 November 2013

CERTIFICATE NUMBER: 2691



0236

STANDARDS LABORATORY

MKIS

Calibration Company

10 Potters Lane Kiln Farm

Milton Keynes MK11 3HE Page 1 of 2 pages

Approved Signatories

R Younger

C Kemp

Signature

Equipment Description: Tachometer

Manufacturer: Unknown

Type: DT-2234 C

Serial Number: S027793
Order Number: Verbal

Customer: D J B Labcare

Location: Newport Pagnell

Date Received: 05 November 2013

Date Calibrated: 07 November 2013

The instrument was kept in the laboratory environment for 24 hours, to allow the instrument to stabilise, prior to the tests being carried out.

Tel: 01908 568250 Fax: 01908 564661

The ambient temperature and relative humidity throughout the test was $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and $50\% \pm 20\%$ respectively.

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

Remarks: No adjustments were made.

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UKAS Accredited Calibration Laboratory No. 0236

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Applied Val	lue Equivalent	Value In	ndicated	Value
100.004	ms 599.97	RPM	600.0	RPM
59.999	ms 1000.01	RPM	1000	RPM
30.002	ms 1999.8	RPM	1999	RPM
15.000 6	ms 3999.8	RPM	3999	RPM
10.000 4	ms 5999.7	RPM	5999	RPM
6.000 10	ms 9999.8	RPM	10 000	RPM
4.000 02	ms 14999.9	RPM	15 001	RPM
3.000 00	ms 20000.0	RPM	20001	RPM
1.500 02	ms 39999.4	RPM	39999	RPM

The measurement uncertainties were:

Time

 $\pm 0.01\% + 1$ 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.