CERTIFICATE OF CALIBRATION

ISSUED BY: M K I S CALIBRATION COMPANY

DATE OF ISSUE: 13 September 2012

CERTIFICATE NUMBER: 2583



STANDARDS LABORATORY

MKIS Calibration Company

10 Potters Lane Kiln Form

Tel: 01908 568250 Milton Keynes Fax: 01908 564661 MK11 3HE

Page 1 of 2 pages Approved Signatories

Signature

R Younger Kemp

Equipment Description:

Manufacturer:

Type: Serial Number:

Order Number:

Customer Location:

Date Received:

Date Calibrated:

Tachometer Standard AT-6 12078365 18535

D I B Labcare

Newport Pagnell 10 September 2012

13 September 2012

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.

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UKAS Accredited Calibration Laboratory No. 0236

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Applied Value	Equivalent Value	Indicated Value
100.05 ms	599.70 RPM	599.7 RPM
60.006 ms	999.90 RPM	1000 RPM
29.993 ms	2000.5 RPM	2001 RPM
14.998 ms	4000.5 RPM	4001 RPM
10.000 5 ms	5999.7 RPM	6000 RPM
6.000 05 ms	9 999,9 RPM	10 000 RPM
4.000 13 ms	14 999.5 RPM	14 999 RPM
3.000 08 ms	19 999.5 RPM	19 999 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.