

CERTIFICATE OF CALIBRATION

ISSUED BY: **M K I S** CALIBRATION COMPANY

DATE OF ISSUE: 24 June 2013

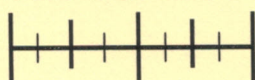
CERTIFICATE NUMBER: 2653



0236

STANDARDS LABORATORY

MKIS



Calibration Company

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Approved
Signatories

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Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	ST 6234B
Serial Number:	06019369
Order Number:	18914
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	21 June 2013
Date Calibrated:	24 June 2013

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 $20^{\circ}\text{C} \pm 2^{\circ}\text{C}$ and $50\% \pm 20\%$ 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

Certificate Number: 2653

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Applied Value	Equivalent Value	Indicated Value
120.013 ms	499.95 RPM	499.9 RPM
60.010 0 ms	999.98 RPM	1000 RPM
29.998 3 ms	2000.1 RPM	2000 RPM
15.000 8 ms	3999.8 RPM	4000 RPM
12.000 6 ms	4999.7 RPM	5000 RPM
10.001 0 ms	5999.4 RPM	5999 RPM
7.500 05 ms	7999.9 RPM	8000 RPM
5.998 88 ms	10001.8 RPM	10002 RPM
4.000 15 ms	14999.4 RPM	14999 RPM
2.999 54 ms	20.003.1 RPM	20003 RPM

The measurement uncertainties were:

Time $\pm 0.01\% + 1 \text{ LSD}$

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.