

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 05 September 2014

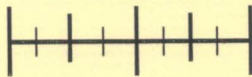
CERTIFICATE NUMBER: 2767



0236

STANDARDS LABORATORY

M K I S



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Approved
Signatories

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Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	ST 6234B
Serial Number:	08013379
Order Number:	T.B.A
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	03 September 2014
Date Calibrated:	05 September 2014

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 & 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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Certificate Number: 2767

UKAS Accredited Calibration Laboratory No. 0236

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Applied Value	Equivalent Value	Indicated Value
120.006 ms	499.97 RPM	499.9 RPM
60.009 ms	999.85 RPM	999.8 RPM
29.999 4 ms	2000.0 RPM	2000 RPM
14.999 3 ms	4000.1 RPM	4000 RPM
11.999 6 ms	5000.1 RPM	5000 RPM
10.000 3 ms	5999.8 RPM	5999 RPM
7.500 06 ms	7999.9 RPM	8000 RPM
5.999 9 ms	10000.1 RPM	10000 RPM
4.000 1 ms	14999.6 RPM	14999 RPM
2.999 9 ms	20.000 6 RPM	20 001 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.