

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 17 October 2013

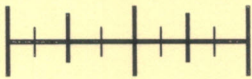
CERTIFICATE NUMBER: 2683



0236

## STANDARDS LABORATORY

# MKIS



Calibration Company

10 Potters Lane  
Kiln Farm

Milton Keynes  
MK11 3HE

Tel: 01908 568250  
Fax: 01908 564661

Page 1 of 2 pages

Approved  
Signatories

R Younger   
C Kemp

Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	ST 6234B
Serial Number:	06019419
Order Number:	Verbal
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	15 October 2013
Date Calibrated:	17 October 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.

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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Certificate Number: 2683

UKAS Accredited Calibration Laboratory No. 0236

PAGE 2 OF 2 PAGES

Applied Value	Equivalent Value	Indicated Value
99.998 ms	600.01 RPM	600.0 RPM
60.004 ms	999.93 RPM	999.9 RPM
29.992 ms	2000.5 RPM	2000 RPM
15.000 4 ms	3999.9 RPM	4000 RPM
9.999 21 ms	6000.5 RPM	6001 RPM
6.000 20 ms	9999.7 RPM	10 000 RPM
3.999 88 ms	15 000.4 RPM	15 000 RPM
3.000 10 ms	19 999.3 RPM	19 999 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.

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