

# CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: 24 October 2014

CERTIFICATE NUMBER: 2774



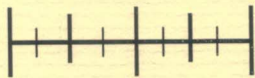
0236

## STANDARDS LABORATORY

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# M K I S

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Calibration Company

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Approved  
Signatories

R Younger   
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Signature

Equipment Description:	Tachometer
Manufacturer:	Standard
Type:	ST 6234B
Serial Number:	06019369
Order Number:	19770
Customer:	D J B Labcare
Location:	Newport Pagnell
Date Received:	20 October 2014
Date Calibrated:	22 October 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 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

Certificate Number: 2774

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Applied Value	Equivalent Value	Indicated Value
119.994 ms	500.02 RPM	500.0 RPM
60.000 2 ms	999.99 RPM	1000 RPM
29.999 0 ms	2000.06 RPM	2000 RPM
15.000 9 ms	3999.7 RPM	4000 RPM
11.999 1 ms	5000.3 RPM	5000 RPM
9.999 97 ms	6000.0 RPM	6000 RPM
6.000 40 ms	9 999.3 RPM	10 000 RPM
4.000 09 ms	14999.6 RPM	15 000 RPM
2.999 89 ms	20.000.7 RPM	20 000 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.