



CERTIFICATE OF CALIBRATION

ISSUED BY: **Torus Measurement Systems Ltd.**

DATE OF ISSUE: 18th June 2018

SERIAL No: **013555**



0773



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APPROVED SIGNATORIES

- D. Jones
- R. Allward
- A. Harrison
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- D. Richardson

CUSTOMER: Mecmesin Ltd.
 Newton House, Spring Copse Business Park, Slinfold West Sussex.
 258603

ORDER NO: 258603

DESCRIPTION: Torque Beam

RANGE/SIZE: See Page 2

MANUFACTURER: N/A

QUANTITY: 1

SERIAL NO: SGS0591

TECHNICAL STANDARD: N/A

DRAWING NO: N/A

REPORT:

This Torque Beam has been examined and measured at 20°C ±1°C using a Global CMM and a Reference Sphere. The mean of the measured results obtained are stated on page 2 of this report.

- * Denotes 'Out of Tolerance' to the above drawing
- x Denotes errors before Repair/Resetting
- Repairs/Resetting prior to calibration -/NO

Calibration Equipment used: (LAB 6)&(LAB 7)

Date of Calibration: 15th June 2018

Signature

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.

This certificate is issued in accordance with the laboratory accreditation requirements of the United Kingdom Accreditation Service. It provides traceability of measurement to the SI system of units and/or to units of measurement realised at the National Physical Laboratory or other recognised national metrology institutes. This certificate may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

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CUSTOMER: Mecmesin Ltd.

SERIAL NO: SGS0591.

DESCRIPTION: Torque Beam.

<u>DESCRIPTION</u>	<u>NOMINAL SIZE</u>	<u>MEAN MEASURED SIZE</u>
Point 1	500.000 mm	499.970 mm
Point 2	250.000 mm	250.019 mm
Point 3	250.000 mm	249.998 mm
Point 4	500.000 mm	500.015 mm
Point A	500.000 mm	499.980 mm
Point B	250.000 mm	249.980 mm
Point C	250.000 mm	249.958 mm
Point D	500.000 mm	499.960 mm

Note: All the above calibrated in metric.

Above points are measured a nominal 15mm either side of beam centre.

Uncertainty of measurement ± 0.0146 mm.

Certified: 