

CERTIFICATE OF CALIBRATION

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

DATE OF ISSUE: **20th September 2019** SERIAL No: **015517**



0773



Torus Measurement Systems Ltd.

Nedge Hill Science Park, Telford
Shropshire TF3 3AJ
United Kingdom

Tel: +44 (0) 1952 210020

Fax: +44 (0) 1952 299804

Email: tms.inspection@torus-group.com

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www.torus-group.com

PAGE 1 OF 2 PAGES

APPROVED SIGNATORIES

D. Jones

R. Allward

A. Harrison

S. Allward

D. Ball

CUSTOMER: Mecmesin Ltd.
Newton House, Spring Copse Business Park, Slinfold West Sussex.
ORDER NO: 257893

DESCRIPTION: Torque Beam

RANGE/SIZE: See Page 2

MANUFACTURER: N/A

QUANTITY: 1

SERIAL NO: SGS0584

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: 20th September 2019

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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PAGE 2 OF 2 PAGES

CUSTOMER: Mecmesin Ltd.

SERIAL NO: SGS0584

DESCRIPTION: Torque Beam.

<u>DESCRIPTION</u>	<u>NOMINAL SIZE</u>	<u>MEAN MEASURED SIZE</u>
Point A	500.000 mm	499.967 mm
Point B	250.000 mm	249.944 mm
Point C	250.000 mm	250.005 mm
Point D	500.000 mm	499.969 mm
Point 1	500.000 mm	499.905 mm
Point 2	250.000 mm	249.936 mm
Point 3	250.000 mm	250.053 mm
Point 4	500.000 mm	499.994 mm

Note: All the above calibrated in metric.
Above points are measured a nominal 15 mm either side of beam centre.
Uncertainty of measurement ± 0.0112 mm.

Certified: 