

CERTIFICATE OF CALIBRATION

Issued By: Mitutoyo (UK) Ltd Calibration Laboratory

Date of Issue: 02 - AUG - 2018 Certificate No.: 290425



0332

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Approved Signatory:
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<u>CUSTOMER</u>	Mecmesin Limited Slinfold - West Sussex
<u>MANUFACTURER</u>	Mitutoyo
<u>DESCRIPTION</u>	825 mm Setting Rod
<u>IDENTIFICATION</u>	167-133 <u>SERIAL No.</u> 1076472
<u>CALIBRATION CONDITIONS</u>	Ambient Temperature 20.0 +/- 0.5 Degrees C.
<u>BASIS OF CALIBRATION</u>	To calibrate at the above conditions using traceable results to the Manufacturers Specification.
<u>DATE OF CALIBRATION</u>	02-AUG-2018

Method of Calibration

The Setting Rod has been calibrated to the above standard using a Gauge Block, Mu-Checker System, Checkmaster and Grade '0' Surface Table.

Estimated Uncertainty of Measurement:

+/-1.5+(5 x length in metres) micrometres

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.

Authorised By

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CHARACTERISTIC		REQUIREMENT	ACTUAL
Nominal Length	825 mm	+/-0.0175 mm	825.0049 mm
Parallelism		0.0020 mm	0.0016 mm

NOTE: Additional Serial number: LB 8.