

# CERTIFICATE OF CALIBRATION

Issued By: Mitutoyo (UK) Ltd. Calibration Laboratory

Date of Issue: 06-May-2026 Certificate No.: 340749



0332



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Approved Signatory:

G. Adams

Customer:

PPT Group UK Ltd (Slinfold)  
t/a Mecmesin Limited  
Slinfold

Manufacturer

Mitutoyo

Description

400 mm Setting Rod

Identification

167-116

Serial No.

4091805

TMO504

Calibration Conditions

Ambient Temperature  
20.0 +/- 0.5 Degrees C.

Basis of Calibration

To calibrate at the above conditions using traceable calibrated results to the Manufacturer's Specification.

Date of Calibration

06-May-2026

Method of Calibration

This item has been calibrated to the above standard using traceable calibrated equipment listed on this certificate.

Estimated uncertainty of measurement:

$\pm 1.0 + (5 \times \text{length in metres})$  micrometres.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor  $k=2$ , which for a normal distribution corresponds to a coverage probability of approximately 95 %. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

Authorised By

# CERTIFICATE OF CALIBRATION



UKAS Accredited Calibration Laboratory No. 0332

Mitutoyo (UK) Ltd. 6 Banner Park, Wickmans Drive  
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CHARACTERISTIC	NOMINAL	REQUIREMENT	ACTUAL
Length	400 mm	$\pm 0.0090$ mm	399.9993 mm
Parallelism		0.0020 mm	0.0006 mm

## Decision:

Actual measured results are within the requirements and accepted based on the below decision rule.

## Decision rule basis:

Unless the actual results stated on the calibration certificate are highlighted with an "\*" they will be classed as within the requirement / tolerance and accepted based on the binary decision rule (simple accept or simple reject) from JCGM 106: 2012 Clause 8.2 where the expanded uncertainty for  $k = 2$  is less than or equal to the requirement / tolerance allowing zero guard bands. Any actual measured results highlighted with an "\*" will be classed as outside the requirement / tolerance and rejected based on the above decision rule (see the attached document DOC-006-42.1). If the uncertainty of measurement is greater than the requirements / tolerance, no compliance statement will be provided.

## Comments:

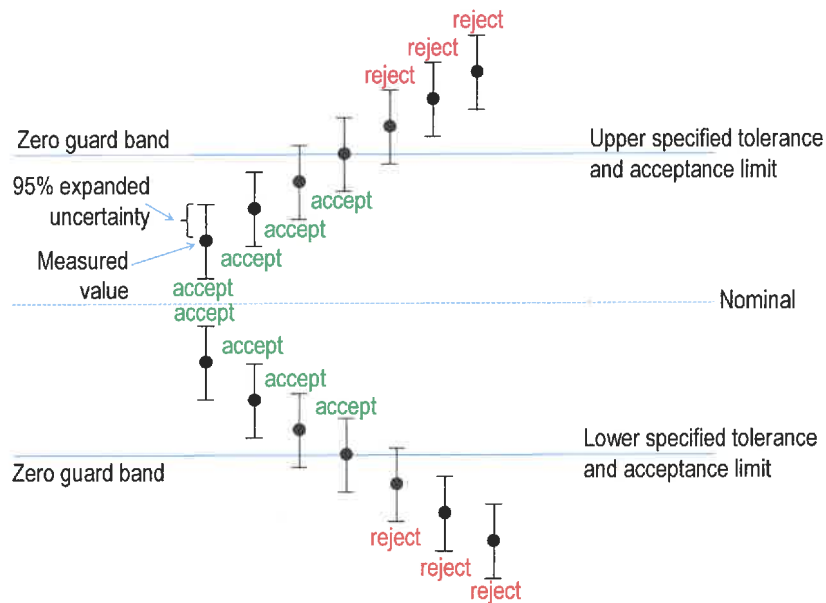
## Traceable equipment used during calibration:

Identification Nr.	Description	Certificate Nr.
CZ 2	Metroscope	337172
WCL 362	Extension Gauge Block	161713

\*\* End of report \*\*

**JCGM 106: 2012** Clause 8.2 - Decision rule based on simple acceptance / shared risk

Unless the actual results stated on the calibration certificate are highlighted with an “\*” or “^” they will be classed as within requirements / tolerance and **accepted** based on the binary decision rule (simple accept or simple reject) where the expanded uncertainty for  $k = 2$  is less than or equal to the requirement / tolerance allowing zero guard bands. Actual measured results highlighted with an “\*” or “^” are outside requirements / tolerance and **rejected** based on the above decision rule.



**Based on JCGM 106: 2012**

NOTE: If the uncertainty of measurement is greater than the required requirements / tolerance, no compliance statement will be provided. This will be clearly highlighted on the calibration certificate.