

CERTIFICATE OF CALIBRATION

ISSUED BY **LEE CALIBRATION SERVICES LTD.**

DATE OF ISSUE **15 May 2025**

CERT NUMBER **26307**



0635

LCs

LEE CALIBRATION SERVICES LTD.

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Issued to

TOTAL LABORATORY SERVICES LTD.
Dorset. DT11 8ST.

Order Number

2025090

Description : M3 A used set of metric steel gauge blocks

Serial Number : AS PER GAUGE

Cust. Asset No.

Report:-

Basis of calibration is to the accuracy requirements of BS EN ISO 3650:1999 Grade 1
This set of gauge blocks was measured at an ambient temperature of 20°C ± 1°C.
The gauge blocks were calibrated for length and variation by measurement at 5 points, the centre point and at each corner, and the centre point deviations from nominal size and reported on page 2.
The measured values satisfied the tolerances specified in BS EN ISO 3650:1999 Grade 1. This certificate relates only to the items calibrated on this certificate.
The uncertainty of measurement is specified on page 2.
The statement of conformity to the specification is made in accordance with simple/shared risk decision rule
(REF 106:2012 Section 8.2) where the expanded uncertainty is =< than the specification/tolerance

Certified by :- **E McDonald**

Comments:-

Traceability :-

Master Set no. :- **12095/157C**
Master Set Material :- **steel**
Comparator Used :- **VC5 529**

Certificate No. :- **14239**
Master Expansion Coefficient : **11.5 ppm / °C**
Software Version :- **Slipsure 3.2.0.7**

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 unite 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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LFE CALIBRATION SERVICES LTD.

UKAS ACCREDITED CALIBRATION LABORATORY NO. 0635

Continuation

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Date of Calibration :- 15 May 2025

Serial Number : AS PER GAUGE
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The centre measured deviation from nominal in units of 0.00001 mm

Gauge ID	Nominal	Deviation
227407	3.00	-3
225715	5.00	-6
231752	10.00	+9

Uncertainty of Measurement (\pm) Units 0.00001 mm

Gauges above 0 mm up to 10 mm 8

BS EN ISO 3650:1999 Grade 1

All Gauges are within tolerance

